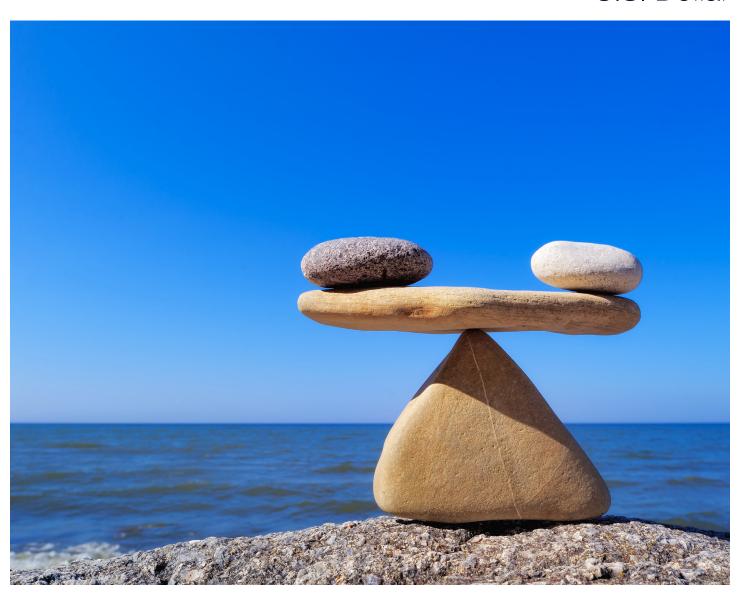


Capital Market Assumptions

FIVE-YEAR PERSPECTIVE

2024

U.S. Dollar



CURRENCY | U.S. DOLLAR

GA

As of January 2024 (Figures in U.S. Dollars)

EXPECTED VOLATILITIES AND CORRELATIONS

		(%)		EQUITY							FIXED INCOME													
Volatility and Correlation Matrix		EXPECTEED RETURN (%)	VOLATILITY (%)	Global Equity	Global ex-U.S. Equity	DM Equity	DM ex-U.S. Equity	U.S. Large-Cap Equity	U.S. Small-Cap Equity	Canada Equity	Europe Equity	Asia ex-Japan Equity	Japan Equity	EM Equity	China Equity	Real Asset Equity	Global Aggregate	Global Agg. (Hdg)	Global Agg.ex-U.S.	Global Agg. ex-U.S. (Hdg)	Global IG Corporate (Hdg)	Global High Yield	U.S. Cash	U.S. Treasury
	Global Equity	6.5	17.5	1.0																				
	Global ex-U.S. Equity	8.5	19.1	1.0	1.0																			
	DM Equity	6.2	17.2	1.0	1.0	1.0																		
	DM ex-U.S. Equity	8.3	18.7	1.0	1.0	1.0	1.0																	
	U.S. Large-Cap Equity	5.2	16.8	1.0	0.9	1.0	0.9	1.0																
IÈ	U.S. Small-Cap Equity	5.8	21.5	0.9	0.8	0.9	0.9	0.9	1.0															
ΕΩUΠΥ	Canada Equity	4.8	21.4	0.9	0.9	0.9	0.9	0.9	0.8	1.0														
ш	Europe Equity	9.3	20.2	1.0	1.0	1.0	1.0	0.9	0.8	0.9	1.0													
	Asia ex-Japan Equity	9.3	20.9	0.9	0.9	0.9	0.9	0.8	0.7	0.8	0.9	1.0												
	Japan Equity	6.9	16.3	0.8	0.8	8.0	0.8	0.7	0.7	0.7	0.8	0.7	1.0											
	EM Equity	9.3	22.3	0.9	1.0	0.9	0.9	0.8	0.7	0.9	0.9	1.0	0.7	1.0										
	China Equity	8.8	26.3	0.7	0.7	0.6	0.7	0.6	0.5	0.6	0.7	0.9	0.6	0.8	1.0									
	Real Asset Equity	6.3	22.0	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.7	0.9	0.6	1.0								
	Global Aggregate	4.4	6.4	0.3	0.4	0.3	0.4	0.2	0.1	0.3	0.4	0.4	0.2	0.4	0.3	0.4	1.0							
	Global Aggregate (Hdg)	4.2	3.6	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.8	1.0						
	Global Agg. ex-U.S.	3.7	8.7	0.4	0.5	0.4	0.4	0.3	0.2	0.4	0.5	0.5	0.3	0.4	0.3	0.5	1.0	0.6	1.0					
	Global Agg. ex-U.S. (Hdg)	3.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.7	1.0	0.6	1.0				
	Global IG Corporate (Hdg)	5.1	5.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.6	0.4	0.7	0.7	0.7	0.7	0.7	1.0			
	Global High Yield	6.9	11.9	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.6	0.9	0.6	0.9	0.4	0.2	0.4	0.1	0.7	1.0		
	U.S. Cash	4.2	0.9	0.0	0.1	0.0	0.1	-0.1	-0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.0	0.2	0.1	0.2	0.1	0.0	-0.1	1.0	
ш	U.S. Treasury	5.0	5.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	0.6	8.0	0.4	0.8	0.3	-0.3	0.2	1.0
Σ	U.S. TIPS	4.2	5.2	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.0	0.3	0.1	0.4	0.6	0.6	0.5	0.5	0.6	0.4	0.1	0.5
ဋ	U.S. Short TIPS	3.7	3.3	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.4	0.4	0.1	0.5	0.3	0.6	0.4	0.2	0.4	0.1	0.4	0.6	0.2	0.0
=	U.S. IG Corporate	5.7	6.6	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.6	0.8	8.0	0.7	0.7	1.0	0.6	0.0	0.4
FIXED INCOME	U.S. Long Credit	4.8	10.6	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.5	0.8	0.8	0.7	0.8	0.9	0.5	0.0	0.5
e e	U.S. Long Treasury	3.4	14.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.3	-0.3	-0.4	-0.2	-0.3	0.5	0.8	0.4	0.7	0.3	-0.3	0.1	0.9
	U.S. Aggregate	5.4	4.2	0.1	0.1	0.0	0.1	0.0	-0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.8	1.0	0.7	0.9	0.7	0.2	0.1	0.9
	U.S. High Yield	6.9	10.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.8	0.6	0.9	0.3	0.1	0.3	0.1	0.7	1.0	-0.1	-0.3
	U.S. Bank Loans	8.0	10.0	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.5	0.7	0.5	0.8	0.1	-0.1	0.1	-0.1	0.5	0.9	-0.1	-0.5
	U.S. Securitized	5.7	3.4	0.1	0.1	0.0	0.1	0.0	-0.1	0.0	0.1	0.2	0.0	0.1	0.2	0.2	0.7	0.9	0.6	0.8	0.6	0.2	0.2	0.8
	Canada Bonds	4.5	4.7	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.9	0.5	0.8	0.6	0.1	0.1	0.8
	EM Sovereign Local	6.0	9.3	0.7	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.6	0.8	0.6	0.8	0.7	0.4	0.7	0.3	0.7	0.7	0.2	0.0
	EM Sovereign EM Corporate	6.9	8.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.5	0.7	0.5	8.0	0.6	0.5	0.6	0.5	0.9	0.0		0.0
	Commodities	4.7	19.1	0.6	0.6	0.6	0.6	0.5	0.5	0.8	0.5	0.5	0.4	0.6	0.3	0.7		-0.3		-0.3	0.2	0.6		-0.5
	Gold REITs	7.4	14.1 22.1	0.1		0.1		0.0		0.3	0.2	0.3	0.1		0.2	0.3		0.4	0.6	0.3	0.4	0.2		-0.2
ĒS	Distressed Debt		17.8	0.7		0.8			0.8		0.7	0.8	0.6	0.8	0.4	0.8		0.0		0.0			-0.1	
ALTERNATIVES	CLOs Senior	4.9	2.2		0.6				0.6		0.6		0.6		0.5	0.6		0.0		0.0			-0.1	
Ž	CLOs Seriior		10.5	0.5		0.6			0.6		0.5	0.4	0.5	0.4		0.5		0.2		0.2			-0.1	
H	Hedge Funds	6.7	8.5	0.9		0.0			0.8	0.8		0.4	0.5	0.4		0.8		0.0		-0.1		0.8	0.0	
与	Private Credit		12.2	0.9		0.9			0.6		0.6		0.7		0.7	0.6		-0.2		-0.1			-0.1	
⋖	Global Private Real Estate		15.5	0.7		0.7		0.7			0.8		0.4		0.4	0.7				-0.2			-0.1	
	Private Equity		22.0									0.7		0.8						-0.1				
	· ···vato Equity	7.0	22.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.1	0.1	0.2	0.2	∪.⊤	0.1	0.0	0.0

The forecasts contained herein are for illustrative purposes only and are not indicative of future results. Past performance is not a reliable indicator of future results.

Hdg = Hedged currency treatment. EM = Emerging Markets. DM = Developed Markets.

Sources: Bloomberg Index Services Limited, Cambridge Associates, Cliffwater, FTSE/Russell, HFR, ICE BofA, J.P. Morgan Chase & Co., MSCI, NCREIF, and S&P. Please see Additional Disclosures for further source information. Please see Reference Indexes for a representative list of indexes.

For more information on the methodology of the capital market assumptions, please visit www.troweprice.com/cma-methodology.

CURRENCY | U.S. DOLLAR



As of January 2024 (Figures in U.S. Dollars)

EXPECTED VOLATILITIES AND CORRELATIONS (CONTINUED)

		FIXED INCOME								ALTERNATIVES														
Valatility and												व												
	olatility and		(0	ate	⊭	U.S. Long Treasury		_	SL	70		∃M Sovereign Local						t						
(Correlation		U.S. Short TIPS	U.S. IG Corporate	U.S. Long Credit	rea	U.S. Aggregate	U.S. High Yield	U.S. Bank Loans	U.S. Securitized	Canada Bonds	gn	gn	ate	es			Distressed Debt	7		g	ij	Global Private Real Estate	₹
	Motrix	တ	ort.	Cor) gu	_ D	gre	۲.	N 1	curi	Bo	erei	erei	por	diti			ed	enic		ΞŪ	O.	Priva tate	Edu
I	Matrix	TIPS	S	<u>ত</u>	- Fo	و	Ag	Ξ̈́	Bal	Se	ada	Sov	Sov	Cor	שנו	~	က	ress	SS	S	ge I	ate (oal F	ate [
		U.S.	J.S.	J.S.	J.S.	J.S.	J.S.	J.S.	J.S.	J.S.	San	Σ	EM Sovereign	EM Corporate	Commodities	Gold	REITS	Dist	CLOs Senior	CLOs	Hedge Funds	Private Credit	3lok Rea	Private Equity
	Global Equity	_	_			_																	0 11	
	Global ex-U.S. Equity																							
	DM Equity																							
	DM ex-U.S. Equity																							
	U.S. Large-Cap Equity																							
EQUITY	U.S. Small-Cap Equity																							
	Canada Equity																							
В	Europe Equity																							
	Asia ex-Japan Equity																							
	Japan Equity																							
	EM Equity																							
	China Equity																							
	Real Asset Equity																							
	Global Aggregate																							
	Global Aggregate (Hdg)																							
	Global Agg. ex-U.S.																							
	Global Agg. ex-U.S. (Hdg)																							
	Global IG Corporate (Hdg) Global High Yield																							
	U.S. Cash																							
	U.S. Treasury																							
끹	U.S. TIPS	1.0																						
ő	U.S. Short TIPS	0.8	1.0																					
2	U.S. IG Corporate	0.6	0.4	1.0																				
٩	U.S. Long Credit	0.6	0.2	1.0	1.0																			
FIXED INCOME	U.S. Long Treasury	0.5	-0.1	0.4		1.0																		
ш.	U.S. Aggregate	0.7	0.3	0.8			1.0																	
	U.S. High Yield	0.4	0.5	0.6		-0.3	0.2	1.0																
	U.S. Bank Loans	0.3	0.5	0.4	0.2	-0.5	-0.1	0.9	1.0															
	U.S. Securitized	0.7	0.4	0.7	0.7	0.7	0.9	0.2	0.0	1.0														
	Canada Bonds	0.6	0.2	0.7	0.7	8.0	0.9	0.1	-0.1	0.7	1.0													
	EM Sovereign Local	0.4	0.4	0.6	0.6	-0.1	0.4	0.7	0.5	0.3	0.2	1.0												
	EM Sovereign	0.6	0.6	0.8	0.7	0.1	0.5	0.8	0.7	0.5	0.5	8.0	1.0											
	EM Corporate	0.5	0.6	0.8			0.4	0.9	0.8	0.4	0.4	0.8	0.9	1.0										
	Commodities	0.2	0.5	0.1	0.0		-0.2	0.6	0.6		-0.3	0.4	0.4	0.4	1.0									
	Gold	0.6		0.4			0.5	0.2	0.1	0.5	0.4	0.5	0.4	0.3	0.3		4.0						\sqcup	
ES	REITs	0.2				-0.2		0.7	0.6	0.2	0.1	0.5	0.6		0.4	0.1	1.0	1.0						
ALTERNATIVES	Distressed Debt		0.4			-0.4		1.0	0.9	0.1	0.0		0.7		0.6		0.7		10					
¥	CLOs Senior		0.2			-0.2		0.5	0.4	0.0	0.2	0.4	0.6		0.3		0.3		1.0	1.0			\vdash	
E	CLO Hedge Funds	0.2	0.3			-0.2 -0.4		0.5	0.4	0.0	0.2	0.4	0.6		0.3	0.1	0.3		0.9		1.0			$\vdash\vdash$
与	Private Credit		0.4			-0.4		0.8		-0.1		0.6	0.6		0.6		0.5		0.5	0.5		1.0		-
•	Global Private Real Estate		0.3			-0.3		0.4	0.4		-0.1		0.0			0.0	0.5		0.0	0.0	0.3	0.5	1.0	\vdash
	Private Equity		0.4										0.6							0.5				1.0

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Hdg = Hedged currency treatment. EM = Emerging Markets. DM = Developed Markets.

Sources: Bloomberg Index Services Limited, Cambridge Associates, Cliffwater, FTSE/Russell, HFR, ICE BofA, J.P. Morgan Chase & Co., MSCI, NCREIF, and S&P. Please see Additional Disclosures for further source information. Please see Reference Indexes for a representative list of indexes.

For more information on the methodology of the capital market assumptions, please visit www.troweprice.com/cma-methodology.



REFERENCE INDEXES

ASSET CLASS

REPRESENTATIVE INDEX

	Global Equity	MSCI ACWI Index									
	Global ex-U.S. Equity	MSCI ACWI ex-USA Index									
	Developed Market (DM) Equity	MSCI World Index									
	Developed Market (DM) ex-U.S. Equity	MSCI World ex-USA Index									
	U.S. Large-Cap Equity	Russell 1000 Index									
>	U.S. Small-Cap Equity	Russell 2000 Index									
EQUITY	Canada Equity	S&P/TSX Composite Index									
В	Europe Equity	MSCI Europe Index									
	Asia ex-Japan Equity	MSCI Asia ex-Japan Index									
	Japan Equity	MSCI Japan Index									
	Emerging Markets (EM) Equity	MSCI Emerging Markets Index									
	China Equity	MSCI China Index									
	Real Asset Equity	S&P Real Assets Index									
	Global Aggregate	Bloomberg Global Aggregate Index									
	Global Aggregate (Hdg)	Bloomberg Global Aggregate (Hdg) Index									
	Global Aggregate ex-U.S.	Bloomberg Global Aggregate ex-U.S. Index									
	Global Aggregate ex-U.S. (Hdg)	Bloomberg Global Aggregate ex-U.S. (Hdg) Index									
	Global Investment Grade (IG) Corporate (Hdg)	Bloomberg Global-Aggregate Corporate (Hdg) Index									
	Global High Yield	Bloomberg Corporate High Yield Index									
	U.S. Cash	Bloomberg 1-3M Treasury Bills Index									
	U.S. Treasury	Bloomberg U.S. Treasury Index									
끹	U.S. TIPS	Bloomberg Global Inflation-Linked U.S. TIPS Index									
OS OS	U.S. Short TIPS	Bloomberg Global Inflation-Linked 1-5 Year U.S. TIPS Index									
Ž	U.S. Investment Grade (IG) Corporate	Bloomberg U.S. Aggregate Corporate Index									
FIXED INCOME	U.S. Long Credit	Bloomberg U.S. Long Credit Index									
量	U.S. Long Treasury	Bloomberg U.S. Long Treasury Index									
	U.S. Aggregate	Bloomberg U.S. Aggregate Bond Index									
	U.S. High Yield	Bloomberg U.S. Corporate High Yield Index									
	U.S. Bank Loans	S&P/LSTA Leveraged Performing Loan Index									
	U.S. Securitized	Bloomberg U.S. Securitized Index									
	Canada Bonds	Bloomberg Canada Aggregate Index									
	Emerging Markets (EM) Sovereign Local	JP Morgan GBI - EM Global Diversified Index									
	Emerging Markets (EM) Sovereign	JP Morgan EMBI Global Diversified Index									
	Emerging Markets (EM) Corporate	JP Morgan CEMBI Index									
	Commodities	Bloomberg Commodity Index									
	Gold	S&P GSCI Gold Total Return Index									
(O	REITs	FTSE EPRA/NAREIT Developed Index									
ALTERNATIVES	Distressed Debt	ICE BofA CCC & Lower Index									
Ā	CLOs - Senior	Palmer Square Senior CLO Debt Index									
6	CLOs	Palmer Square CLO Debt Index									
ALT	Hedge Funds	HFRI Fund of Funds Composite Index									
	Private Credit	Cliffwater Direct Lending Index									
	Global Private Real Estate	NCREIF Property Index									
	Private Equity	Cambridge Associates LLC Global Private Equity Index									



Key Risks

Forecasts are based on subjective estimates about market environments that may never occur. Some of the factors that could impact these forecasts include, but are not limited to:

Political and economic conditions Performance of financial markets Interest rate levels Changes to laws or regulations

Investments in equities are subject to the volatility inherent in equity investing, and their value may fluctuate more than investing in income-oriented securities. Certain asset classes are subject to sector concentration risk and are more susceptible to developments affecting those sectors than broader classes. Investment in small companies involves greater risk than is customarily associated with larger companies, since small companies often have limited product lines, markets, or financial resources. Transactions in securities denominated in foreign currencies are subject to fluctuations in exchange rates, which may affect the value of an investment. Debt securities could suffer an adverse change in financial condition due to a ratings downgrade or default, which may affect the value of an investment. Investments in high yield involve a higher element of risk. Investments in less developed regions can be more volatile than other, more developed markets due to changes in market, political, and economic conditions. Investments are less liquid than those that trade on more established markets.

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