### AON

## Quarterly Investment Review

Fairfax County Public Schools 457(b) | Fourth Quarter 2023

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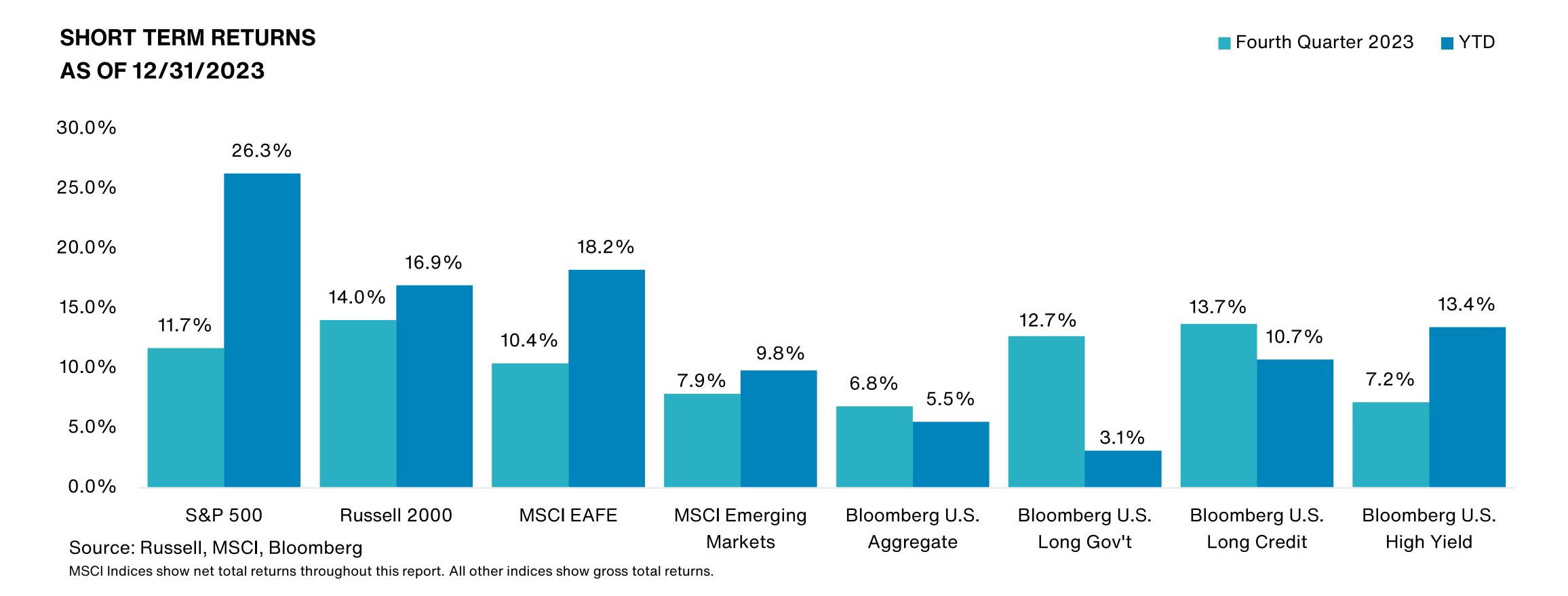


**Executive Summary** 





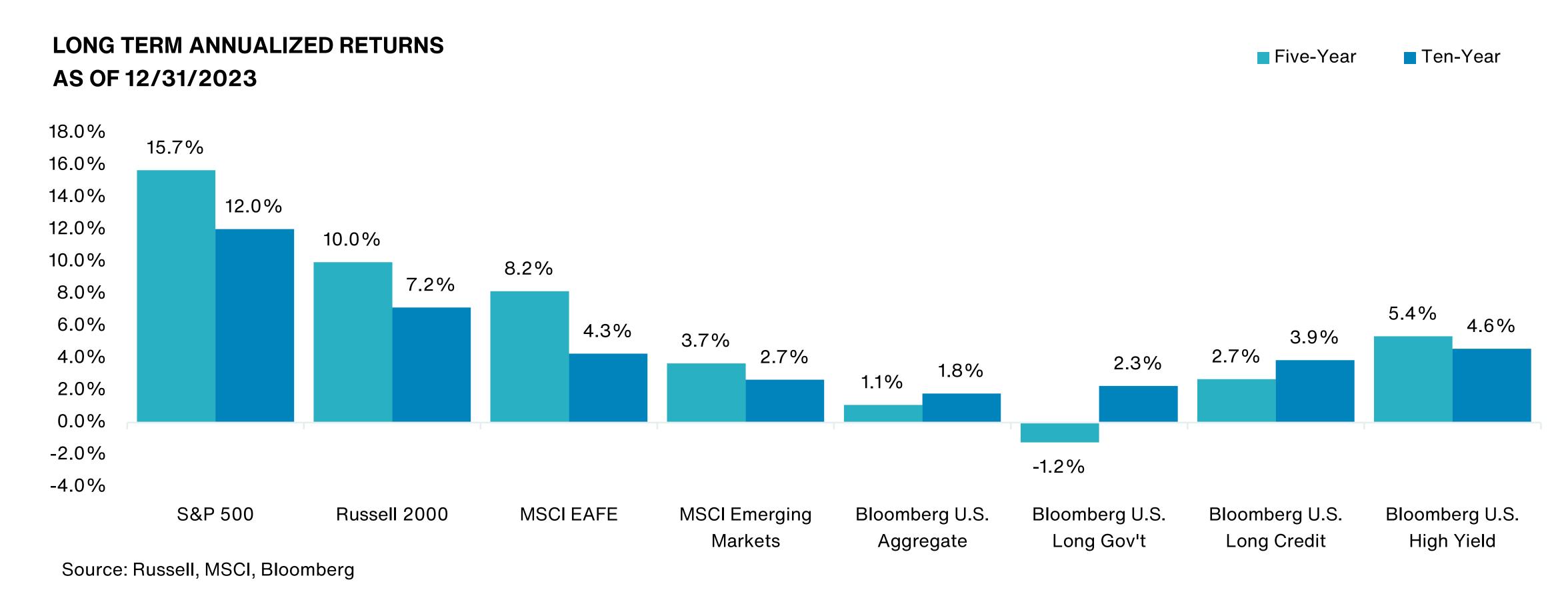
## **Market Highlights**



Past performance is no guarantee of future results. Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect fees and expenses. Please see appendix for index definitions and other general disclosures.



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## **Market Highlights**

Fourth Quarter   YTD   1-Year   3-Year   5-Year   10-Year   10-Y							
					Period En	ding 12/31/2023	
	Fourth Quarter	YTD	1-Year	3-Year <sup>1</sup>	5-Year <sup>1</sup>	10-Year <sup>1</sup>	
Equity							
MSCI All Country World IMI	11.14%	21.58%	21.58%	5.46%	11.49%	7.77%	
MSCI All Country World	11.03%	22.20%	22.20%	5.75%	11.72%	7.93%	
Dow Jones U.S. Total Stock Market	12.13%	26.06%	26.06%	8.43%	15.05%	11.40%	
Russell 3000	12.07%	25.96%	25.96%	8.54%	15.16%	11.48%	
S&P 500	11.69%	26.29%	26.29%	10.00%	15.69%	12.03%	
Russell 2000	14.03%	16.93%	16.93%	2.22%	9.97%	7.16%	
MSCI All Country World ex-U.S. IMI	9.81%	15.62%	15.62%	1.53%	7.18%	3.97%	
MSCI All Country World ex-U.S.	9.75%	15.62%	15.62%	1.55%	7.08%	3.83%	
MSCI EAFE	10.42%	18.24%	18.24%	4.02%	8.16%	4.28%	
MSCI EAFE (Local Currency)	4.96%	16.16%	16.16%	8.64%	9.49%	6.61%	
MSCI Emerging Markets	7.86%	9.83%	9.83%	-5.08%	3.68%	2.66%	
<b>Equity Factors</b>							
MSCI World Minimum Volatility (USD)	6.84%	8.14%	8.14%	4.05%	7.60%	7.97%	
MSCI World High Dividend Yield	7.18%	10.14%	10.14%	7.32%	9.18%	6.73%	
MSCI World Quality	12.55%	32.97%	32.97%	9.41%	17.05%	12.18%	
MSCI World Momentum	12.17%	12.25%	12.25%	2.17%	11.98%	10.32%	
MSCI World Enhanced Value	8.30%	20.27%	20.27%	9.66%	8.84%	6.05%	
MSCI World Index Growth	13.40%	37.31%	37.31%	5.75%	16.31%	11.28%	
MSCI USA Minimum Volatility (USD)	7.79%	9.79%	9.79%	6.46%	10.30%	10.41%	
MSCI USA High Dividend Yield	8.31%	6.83%	6.83%	7.83%	9.32%	9.39%	
MSCI USA Quality	12.03%	36.30%	36.30%	10.39%	18.13%	13.81%	
MSCI USA Momentum	12.76%	9.50%	9.50%	0.70%	11.13%	11.72%	
MSCI USA Enhanced Value	12.30%	14.42%	14.42%	8.34%	10.12%	8.44%	
MSCI USA Equal Weighted	12.70%	17.63%	17.63%	7.07%	12.97%	9.80%	
MSCI USA Growth	13.68%	46.72%	46.72%	8.01%	19.94%	14.83%	

	Returns o	f the Major Capi	tal Markets			
					Period Ending	12/31/2023
	Fourth Quarter	YTD	1-Year	3-Year <sup>1</sup>	5-Year <sup>1</sup>	10-Year <sup>1</sup>
Fixed Income						
Bloomberg Global Aggregate	8.10%	5.72%	5.72%	-5.51%	-0.32%	0.38%
Bloomberg U.S. Aggregate	6.82%	5.53%	5.53%	-3.31%	1.10%	1.81%
Bloomberg U.S. Long Gov't	12.69%	3.11%	3.11%	-11.35%	-1.23%	2.27%
Bloomberg U.S. Long Credit	13.71%	10.73%	10.73%	-6.50%	2.70%	3.88%
Bloomberg U.S. Long Gov't/Credit	13.24%	7.13%	7.13%	-8.68%	1.12%	3.22%
Bloomberg U.S. TIPS	4.71%	3.90%	3.90%	-1.00%	3.15%	2.42%
Bloomberg U.S. High Yield	7.16%	13.45%	13.45%	1.98%	5.37%	4.60%
Bloomberg Global Treasury ex U.S.	9.29%	4.24%	4.24%	-8.34%	-2.39%	-0.99%
JP Morgan EMBI Global (Emerging Market	9.26%	10.45%	10.45%	-3.14%	1.94%	3.06%
Commodities						
Bloomberg Commodity Index	-4.63%	-7.91%	-7.91%	10.76%	7.23%	-1.11%
Goldman Sachs Commodity Index	-10.73%	-4.27%	-4.27%	19.18%	8.72%	-3.60%
Hedge Funds						
HFRI Fund-Weighted Composite <sup>2</sup>	3.59%	7.52%	7.52%	4.32%	7.00%	4.53%
HFRI Fund of Funds <sup>2</sup>	3.41%	6.35%	6.35%	2.25%	5.14%	3.25%
Real Estate						
NAREIT U.S. Equity REITS	16.22%	13.73%	13.73%	7.21%	7.39%	7.65%
FTSE Global Core Infrastructure Index	11.42%	1.58%	1.58%	4.09%	7.18%	7.01%
Private Equity						
Burgiss Private iQ Global Private Equity <sup>3</sup>			2.47%	19.41%	15.14%	14.53%

MSCI Indices show net total returns throughout this report. All other indices show gross total returns.

Past performance is no guarantee of future results. Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect fees and expenses. Please see appendix for index definitions and other general disclosures.



<sup>&</sup>lt;sup>1</sup> Periods are annualized.

<sup>&</sup>lt;sup>2</sup> Latest 5 months of HFR data are estimated by HFR and may change in the future.

<sup>&</sup>lt;sup>3</sup> Burgiss Private iQ Global Private Equity data is as at June 30, 2023

## **Thought Leadership Highlights**

#### **Defined Contribution**

Topic	Article	Link
<b>Annual Themes</b>	2024 Key Investment Themes for DC Plans (video passcode 'aon!')	Article on Request Link to Video
Governance	Outsourced Chief Investment Officer: The Key to Navigating Volatility	<u>Link</u>
	What Drives Fiduciary Liability? Survey of Leading Carriers for Fiduciary Liability Insurance	<u>Link</u>
<b>Retirement Plans</b>	SECURE 2.0 Frequently Asked Questions (September 2023)	<u>Link</u>
	SECURE 2.0 Major Provisions Impacting Defined Contribution Plans	<u>Link</u>
	SECURE 2.0 Action Plan	<u>Link</u>
	Four Ways Retirement Plans Can Reduce the Gender Savings Gap	<u>Link</u>
<b>Market View</b>	Quarterly Market Review and Outlook Video (access code 'aon!')	Link to Article Link to Video
	Rate Cuts Ahead?	<u>Link</u>
Oversight	Putting 'Watch Lists' on Watch?	<u>Link</u>
	DC Audit Cost Survey 2023	<u>Link</u>
<b>Strategy Review</b>	Aon's Environmental Social and Governance (ESG) Manager Ratings: 3 Questions With Daniel Ingram	<u>Link</u>
	Diverse Manager Initiatives: Three Questions for Institutional Investors	<u>Link</u>
	Active vs Passive	<u>Link</u>
<b>Asset Allocation</b>	Q3 Stable Value Quarterly	Link to Article
	The Strength of the U.S. Equity Market and its Impact on Equity Allocations	<u>Link</u>
Legal & Compliance	Legal & Compliance quarterly update newsletter (5-minute summary, access code 'aon!')	Link to Article Link to Video

If you do not get Aon Investments' monthly email newsletter, but would like to, please ask your consultant.



**Total Plan** 





## FCPS 457(b) Plan Financial Reconciliation As of December 31, 2023

	Market Value As of 9/30/2023	Net Transfers	Contributions	Distributions	Capital Apprec./Deprec.	Market Value As of 12/31/2023
U.S. FIXED INCOME	\$54,904,712.96	(\$1,837,597.05)	\$429,833.52	(\$3,054,977.38)	\$1,277,702.83	\$51,719,674.88
Great West Portfolio Fund	\$39,340,548.96	(38,652,554.47)	7,904.70	(725,342.58)	\$29,443.39	\$0.00
Great West Fixed Fund	\$0.00	36,665,134.04	292,304.30	(1,786,179.14)	\$163,850.30	\$35,335,109.50
PIMCO Total Return Adm	\$14,577,762.67	(14,558,591.35)	2,018.44	(4,448.02)	(\$16,741.74)	\$0.00
PIMCO Inflation Response MultiAsst Inst	\$986,401.33	88,597.09	7,701.44	(22,491.20)	\$58,244.68	\$1,118,453.34
Baird Core Plus Bond Fund	\$0.00	14,619,817.64	119,904.64	(516,516.44)	\$1,042,906.20	\$15,266,112.04
TARGET DATE	\$53,715,928.52	\$43,555,308.81	\$1,762,126.52	(\$2,619,775.53)	\$9,054,947.39	\$105,468,535.71
T. Rowe Price Retirement I 2005 I	\$609,789.39	20,454.25	16,455.21	(1,452.31)	\$48,097.36	\$693,343.90
T. Rowe Price Retirement I 2010 I	\$153,711.64	1,789,068.15	4,742.14	(31,501.72)	\$148,201.98	\$2,064,222.19
T. Rowe Price Retirement I 2015 I	\$1,354,336.84	3,781,366.59	7,450.24	(523,903.34)	\$376,999.34	\$4,996,249.67
T. Rowe Price Retirement I 2020 I	\$6,401,222.95	7,954,962.85	46,776.25	(860,136.51)	\$1,124,630.33	\$14,667,455.87
T. Rowe Price Retirement I 2025 I	\$9,357,472.85	7,100,096.56	242,031.90	(378,231.68)	\$1,398,324.11	\$17,719,693.74
T. Rowe Price Retirement I 2030 I	\$8,263,629.53	6,836,858.43	262,078.26	(23,094.15)	\$1,437,237.70	\$16,776,709.77
T. Rowe Price Retirement I 2035 I	\$11,885,524.68	7,278,547.50	371,200.71	(267,973.29)	\$1,938,195.64	\$21,205,495.24
T. Rowe Price Retirement I 2040 I	\$7,087,404.31	3,103,650.00	3,103,650.00 239,717.66 (30,4		\$1,060,967.64	\$11,461,305.56
T. Rowe Price Retirement I 2045 I	\$3,377,089.88	3,493,016.72	208,103.67	(291,333.58)	\$701,853.93	\$7,488,730.62
T. Rowe Price Retirement I 2050 I	\$2,247,721.49	1,986,658.53	208,082.86	(209,064.06)	\$443,195.55	\$4,676,594.37
T. Rowe Price Retirement I 2055 I	\$2,978,024.96	146,556.81	153,558.93	(2,647.06)	\$370,315.51	\$3,645,809.15
T. Rowe Price Retirement I 2060 I	\$0.00	63,050.84	1,784.08	(3.78)	\$6,811.26	\$71,642.40
T. Rowe Price Retirement I 2065 I	\$0.00	1,021.58	144.61	0.00	\$117.04	\$1,283.23
U.S. EQUITY	\$174,705,367.94	(43,327,160.13)	1,195,216.03	(3,683,511.87)	\$15,407,030.78	\$144,296,942.75
iShares S&P 500 Index	89,372,088.03	2,273,018.87	939,859.25	(1,784,647.38)	\$10,467,361.33	\$101,267,680.10
Vanguard Mid Cap Index	\$44,962,283.68	(44,492,213.10)	5,561.50	(134,386.12)	(\$341,245.96)	\$0.00
Baron Growth Inst	\$40,370,996.23	(39,744,242.06)	2,512.57	(762,751.66)	\$133,484.92	\$0.00
Boston Trust SMID Cap	\$0.00	38,601,918.39	247,282.71	(1,001,726.71)	\$5,147,645.69	\$42,995,120.08
Vanguard Extended Market Index	\$0.00	34,357.77	0.00	0.00	(\$215.20)	\$34,142.57
INTERNATIONAL EQUITY	\$19,218,361.89	370,686.06	184,201.61	(1,008,396.64)	\$2,114,177.52	\$20,879,030.44
Artisan International Inv	\$19,218,361.89	(19,132,040.66)	1,526.94	(149,190.69)	\$61,342.52	\$0.00
GQG International Opportunities Fund	\$0.00	19,359,705.01	182,674.67	(859,205.95)	\$2,052,632.37	\$20,735,806.10
anguard Total International Stock Index	\$0.00	143,021.71	0.00	0.00	\$202.63	\$143,224.34
OTHER	\$2,305,792.93	\$ 1,238,762.31	\$ 1,645.87	\$ -	\$ 22,730.06	\$3,589,708.97
Loan Fund	\$1,793,910.72					\$1,781,514.64
Forfeiture Account	\$511,882.21					\$545,056.09
Schwab SDB	\$0.00	1,238,762.31	1,645.87	0.00	\$22,730.06	\$1,263,138.24
Total 457(b) Plan	\$304,850,164.24	\$0.00	\$3,573,023.55	(\$10,366,661.42)	\$27,876,588.58	\$325,953,892.75

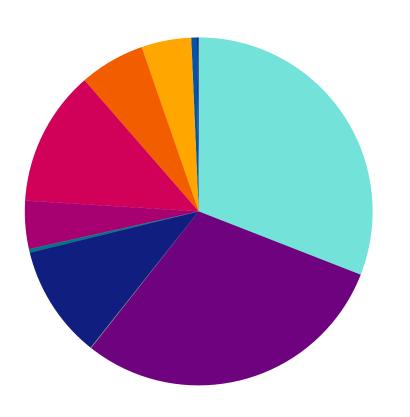
<sup>\*</sup>Market Values may be slightly different as any corrections or adjustments after effective date are not included.

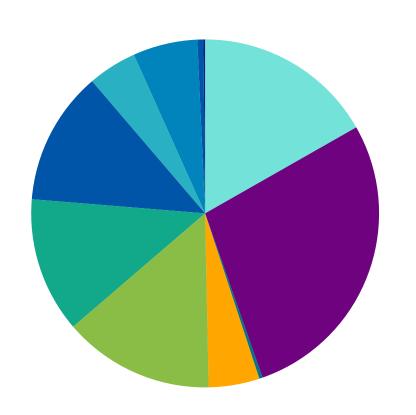
#### Asset Allocation by Manager - Empower 457(b) Plan

As of December 31, 2023

December 31, 2023 : \$341,039,479







	Market Value \$	Allocation %		Market Value \$	Allocation %
T. Rowe Price Target Retirement Funds	105,468,536	30.9	T. Rowe Price Target Retirement Funds	53,715,929	16.8
■ iShares S&P 500 Index	101,267,680	29.7	■ iShares S&P 500 Index	89,372,088	27.9
Vanguard Extended Market Index	34,143	0.0	Vanguard Extended Market Index	-	0.0
Vanguard Total International Stock Mrkt Inde	ex 143,224	0.0	Vanguard Total International Stock Mrkt Index	-	0.0
Great West Fixed Fund 457(b)	35,860,328	10.5	■ Great West Fixed Fund 457(b)	-	0.0
PIMCO Inflation Response Multi-Asset Inst	1,118,453	0.3	■ PIMCO Inflation Response Multi-Asset Inst	986,401	0.3
Baird Core Plus Bond	15,266,112	4.5	■ Baird Core Plus Bond	-	0.0
Boston Trust SMID Cap Fund	42,995,120	12.6	■ Boston Trust SMID Cap Fund	-	0.0
GQG International Opportunities Fund	20,735,806	6.1	GQG International Opportunities Fund	-	0.0
Vanguard Total Bond Market Index	15,803,669	4.6	Vanguard Total Bond Market Index	15,152,320	4.7
Vanguard Mid Cap Index	-	0.0	Vanguard Mid Cap Index	44,962,284	14.0
Baron Growth Inst	-	0.0	■ Baron Growth Inst	40,370,996	12.6
Great West Portfolio Fund	19,838	0.0	■ Great West Portfolio Fund	39,851,329	12.4
PIMCO Total Return Adm	-	0.0	PIMCO Total Return Adm	14,577,763	4.5
Artisan International Inv	-	0.0	Artisan International Inv	19,218,362	6.0
Loan Fund	1,781,515	0.5	■ Loan Fund	1,793,911	0.6
■ Forfeiture Account	545,056	0.2	■ Forfeiture Account	511,882	0.2



## **Active Manager Scorecard\***

As of December 31, 2023

	Return F	Relative to Be	nchmark		eer					
Fund Name	1 Quarter	1 Year	3 Years	5 Years	1 Quarter	1 Year	3 Years	5 Years	Rolling 3-Year Period Performance Benchmark	Rolling 3-Year Period Performance Peer Group Median
Tier I - Target Date Funds										
T. Rowe Price Retirement I 2005 I	-0.54	-0.72	-0.21	-0.17	54	6	12	7	45	100
T. Rowe Price Retirement I 2010 I	-0.59	-0.83	-0.23	-0.20	19	4	5	1	45	95
T. Rowe Price Retirement I 2015 I	-0.60	-0.86	-0.23	-0.17	47	8	9	1	45	95
T. Rowe Price Retirement I 2020 I	-0.60	-0.85	-0.22	-0.16	52	7	7	1	45	95
T. Rowe Price Retirement I 2025 I	-0.68	-0.90	-0.38	-0.28	62	7	5	1	30	95
T. Rowe Price Retirement I 2030 I	-0.69	-0.96	-0.62	-0.41	60	7	15	1	25	95
T. Rowe Price Retirement I 2035 I	-0.72	-1.06	-0.85	-0.53	50	5	20	14	25	100
T. Rowe Price Retirement I 2040 I	-0.75	-1.21	-1.15	-0.67	63	16	49	14	20	100
T. Rowe Price Retirement I 2045 I	-0.77	-1.31	-1.23	-0.71	66	19	58	22	15	95
T. Rowe Price Retirement I 2050 I	-0.78	-1.32	-1.27	-0.73	70	21	63	25	15	95
T. Rowe Price Retirement I 2055 I	-0.82	-1.44	-1.30	-0.77	71	21	62	26	15	95
T. Rowe Price Retirement I 2060 I	-0.75	-1.43	-1.29	-0.75	78	43	68	-	15	-
T. Rowe Price Retirement I 2065 I	-0.74	-1.38	-0.98	-	76	41	41	-	-	-
Tier III - Active Core										
Great West Fixed Fund 457(b)	-0.86	-3.05	-0.39	-	81	82	60	-	-	-
PIMCO Inflation Response Multi-Asset Inst	0.78	2.29	1.92	1.81	78	78	22	37	95	50
Baird Core Plus Bond	0.29	0.72	0.29	0.57	38	46	43	46	95	70
Boston Trust SMID Cap Fund	-1.46	-4.28	4.85	0.57	46	76	36	43	70	85
GQG International Opportunities Fund	2.74	6.50	5.36	5.47	13	5	11	2	-	-

Above Benchmark, and above/at median percentile
Within 1.0% of benchmark, and the third quartile peer group
> 1.0% below the benchmark, and the fourth quartile peer group
\*TierII is not included because it is Passive Core.

Percentages are determined by the outperformance of the trailing 3-Year returns to the benchmark and peer group median over the prior twenty quarters.



				Performance %			
	1	Year to	1	3	5	7	10
	Quarter	Date	Year	Years	Years	Years	Years
Total Fairfax Public Schools Plans							
Tier I - Target Date							
T. Rowe Price Retirement I 2005 I	7.53 (54)	12.06 (6)	12.06 (6)	1.59 (12)	6.13 (7)	5.39 (2)	-
T. Rowe Price Retirement 2005 Index	8.07 (28)	12.77 (3)	12.77 (3)	1.80 (9)	6.30 (5)	5.52 (1)	4.97 (3)
T. Rowe Price Retirement I 2010 I	7.72 (19)	12.55 (4)	12.55 (4)	1.85 (5)	6.60 (1)	5.81 (1)	-
T. Rowe Price Retirement 2010 Index	8.31 (1)	13.38 (1)	13.38 (1)	2.08 (3)	6.80 (1)	5.95 (1)	5.33 (1)
T. Rowe Price Retirement I 2015 I	7.94 (47)	13.06 (8)	13.06 (8)	2.12 (9)	7.15 (1)	6.34 (1)	-
T. Rowe Price Retirement 2015 Index	8.54 (1)	13.92 (1)	13.92 (1)	2.35 (3)	7.31 (1)	6.45 (1)	5.79 (1)
T. Rowe Price Retirement I 2020 I	8.18 (52)	13.65 (7)	13.65 (7)	2.45 (7)	7.79 (1)	6.99 (1)	-
T. Rowe Price Retirement 2020 Index	8.78 (13)	14.50 (1)	14.50 (1)	2.66 (4)	7.95 (1)	7.04 (1)	6.27 (1)
T. Rowe Price Retirement I 2025 I	8.54 (62)	14.71 (7)	14.71 (7)	2.80 (5)	8.57 (1)	7.69 (1)	-
T. Rowe Price Retirement 2025 Index	9.22 (14)	15.61 (1)	15.61 (1)	3.18 (1)	8.85 (1)	7.82 (1)	6.91 (1)
T. Rowe Price Retirement I 2030 I	9.31 (60)	16.54 (7)	16.54 (7)	3.29 (15)	9.40 (1)	8.39 (1)	-
T. Rowe Price Retirement 2030 Index	10.00 (2)	17.50 (1)	17.50 (1)	3.92 (1)	9.82 (1)	8.60 (1)	7.52 (1)
Γ. Rowe Price Retirement I 2035 I	9.96 (50)	18.32 (5)	18.32 (5)	3.87 (20)	10.20 (14)	9.04 (4)	-
T. Rowe Price Retirement 2035 Index	10.69 (1)	19.38 (1)	19.38 (1)	4.71 (6)	10.73 (1)	9.33 (2)	8.06 (1)
Γ. Rowe Price Retirement I 2040 I	10.35 (63)	19.80 (16)	19.80 (16)	4.32 (49)	10.87 (14)	9.59 (4)	-
T. Rowe Price Retirement 2040 Index	11.10 (11)	21.01 (2)	21.01 (2)	5.47 (6)	11.54 (1)	9.97 (1)	8.53 (1)
Γ. Rowe Price Retirement I 2045 I	10.61 (66)	20.63 (19)	20.63 (19)	4.70 (58)	11.33 (22)	9.92 (4)	-
T. Rowe Price Retirement 2045 Index	11.38 (7)	21.95 (1)	21.95 (1)	5.93 (10)	12.05 (1)	10.32 (1)	8.78 (1)
Γ. Rowe Price Retirement I 2050 I	10.64 (70)	20.92 (21)	20.92 (21)	4.77 (63)	11.38 (25)	9.95 (13)	-
T. Rowe Price Retirement 2050 Index	11.42 (19)	22.24 (3)	22.24 (3)	6.03 (10)	12.11 (1)	10.37 (1)	8.82 (1)
Γ. Rowe Price Retirement I 2055 I	10.64 (71)	20.93 (21)	20.93 (21)	4.77 (62)	11.37 (26)	9.95 (14)	-
T. Rowe Price Retirement 2055 Index	11.47 (17)	22.38 (2)	22.38 (2)	6.07 (10)	12.13 (1)	10.38 (1)	8.83 (1)



	Performance %										
	1	Year to	1	3	5	7	10				
	Quarter	Date	Year	Years	Years	Years	Years				
T. Rowe Price Retirement I 2060 I	10.71 (78)	20.95 (43)	20.95 (43)	4.77 (68)	11.38 (-)	9.97 (-)	-				
T. Rowe Price Retirement 2060 Index	11.47 (29)	22.38 (8)	22.38 (8)	6.06 (12)	12.13 (-)	10.38 (-)	-				
T. Rowe Price Retirement I 2065 I	10.72 (76)	21.00 (41)	21.00 (41)	5.08 (41)	-	-	-				
T. Rowe Price Retirement 2065 Index	11.47 (29)	22.38 (8)	22.38 (8)	6.28 (10)	-	-	-				
Tier II - Passive Core											
Vanguard Total Bond Market	6.69 (62)	5.72 (64)	5.72 (64)	-3.34 (51)	1.13 (73)	1.31 (69)	1.80 (69)				
Blmbg. U.S. Aggregate	6.82 (51)	5.53 (75)	5.53 (75)	-3.31 (48)	1.10 (74)	1.29 (70)	1.81 (68)				
iShares S&P 500 Index	11.67 (41)	26.24 (38)	26.24 (38)	9.96 (24)	15.66 (16)	13.39 (13)	12.00 (11)				
S&P 500 Index	11.69 (17)	26.29 (12)	26.29 (12)	10.00 (2)	15.69 (4)	13.42 (4)	12.03 (1)				
Vanguard Total International Stock Mrkt Index	9.98 (73)	15.53 (79)	15.53 (79)	1.80 (83)	7.37 (77)	6.54 (60)	4.12 (53)				
Vanguard Spliced Total International Stock Index	9.77 (74)	15.79 (78)	15.79 (78)	1.88 (80)	7.46 (72)	6.55 (60)	4.20 (41)				
Vanguard Extended Market Index	15.13 (5)	25.41 (9)	25.41 (9)	1.23 (77)	11.92 (49)	9.44 (43)	8.56 (47)				
Vanguard Spliced Extended Market Index	14.90 (6)	24.97 (12)	24.97 (12)	1.04 (78)	11.77 (52)	9.30 (47)	8.42 (51)				



				Performance %			
	1	Year to	1	3	5	7	10
	Quarter	Date	Year	Years	Years	Years	Years
Tier III - Active Core							
<b>Great West Fixed Fund 457(b)</b>	0.51 (81)	1.97 (82)	1.97 (82)	1.76 (60)	-	-	-
90 Day U.S. Treasury Bill	1.37 (7)	5.02 (5)	5.02 (5)	2.15 (16)	1.88 (59)	1.73 (68)	1.24 (95)
PIMCO Inflation Response Multi-Asset Inst	5.52 (78)	6.50 (78)	6.50 (78)	4.77 (22)	6.71 (37)	5.42 (47)	4.24 (56)
PIMCO IRMA Benchmark	4.74 (85)	4.22 (90)	4.22 (90)	2.85 (43)	4.90 (62)	3.63 (77)	2.36 (88)
Baird Core Plus Bond	7.12 (38)	6.89 (46)	6.89 (46)	-2.67 (43)	2.01 (46)	2.01 (44)	2.54 (23)
Blmbg. U.S. Universal Index	6.83 (58)	6.17 (77)	6.17 (77)	-2.97 (59)	1.44 (77)	1.57 (77)	2.08 (55)
<b>Boston Trust SMID Cap Fund</b>	11.89 (46)	13.14 (76)	13.14 (76)	9.09 (36)	12.24 (43)	10.33 (15)	9.28 (14)
Russell 2500 Index	13.35 (18)	17.42 (28)	17.42 (28)	4.24 (89)	11.67 (56)	8.98 (41)	8.36 (51)
GQG International Opportunities Fund	12.50 (13)	22.11 (5)	22.11 (5)	6.90 (11)	12.55 (2)	12.18 (1)	-
MSCI AC World ex USA Index (Net)	9.75 (61)	15.62 (68)	15.62 (68)	1.55 (68)	7.08 (72)	6.33 (66)	3.83 (66)



#### Calendar Year Performance

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Tier I - Target Date										
T. Rowe Price Retirement I 2005 I	-13.51	8.18	11.51	15.16	-3.12	10.74	6.69	-	-	-
T. Rowe Price Retirement 2005 Index	-13.48	8.12	12.00	14.88	<i>-2.58</i>	10.12	5.84	-0.10	5.48	9.86
IM Mixed-Asset Target Alloc Consv (MF) Median	-12.76	6.12	9.14	13.26	-3.11	9.00	5.61	-1.15	4.42	7.45
T. Rowe Price Retirement I 2010 I	-13.86	8.97	12.06	16.31	-3.56	11.82	7.18	-	-	-
T. Rowe Price Retirement 2010 Index	-13.91	8.96	12.58	16.05	-3.02	11.20	6.27	-0.17	5.77	12.00
IM Mixed-Asset Target 2010 (MF) Median	-13.08	6.98	11.08	14.73	-3.13	10.37	6.58	-1.00	4.77	10.93
T. Rowe Price Retirement I 2015 I	-14.17	9.74	12.81	17.55	-4.09	13.52	7.25	-	-	-
T. Rowe Price Retirement 2015 Index	-14.24	9.73	13.05	17.43	<i>-3.58</i>	12.87	6.91	-0.28	6.30	14.97
IM Mixed-Asset Target 2015 (MF) Median	-13.74	8.11	11.80	16.28	-3.83	11.47	6.44	-0.80	5.17	13.51
T. Rowe Price Retirement I 2020 I	-14.46	10.60	13.31	19.45	-4.82	15.90	7.57	-	-	-
T. Rowe Price Retirement 2020 Index	-14.59	10.64	13.49	19.39	-4.38	14.87	7.51	-0.49	6.60	17.43
IM Mixed-Asset Target 2020 (MF) Median	-14.33	9.07	11.68	17.39	-4.35	13.21	6.76	-0.77	5.69	16.03
T. Rowe Price Retirement I 2025 I	-15.46	12.04	14.62	21.15	-5.54	17.82	7.56	-	-	-
T. Rowe Price Retirement 2025 Index	-15.36	12.27	14.62	21.36	-5.00	16.68	8.21	-0.56	7.06	20.01
IM Mixed-Asset Target 2025 (MF) Median	-15.28	10.24	12.61	18.98	-5.15	15.33	7.10	-1.17	5.87	17.90
T. Rowe Price Retirement I 2030 I	-16.86	13.75	15.92	22.68	-6.16	19.52	7.77	-	-	-
T. Rowe Price Retirement 2030 Index	-16.39	14.23	15.65	23.06	-5.67	18.28	8.80	-0.73	7.29	22.13
IM Mixed-Asset Target 2030 (MF) Median	-16.33	11.85	13.42	20.96	-6.17	17.06	7.53	-1.21	5.92	20.49
T. Rowe Price Retirement I 2035 I	-17.85	15.28	17.04	23.90	-6.81	21.03	7.68	-	-	-
T. Rowe Price Retirement 2035 Index	-17.14	16.07	16.50	24.46	-6.20	19.58	9.21	-0.87	7.37	23.76
IM Mixed-Asset Target 2035 (MF) Median	-17.07	14.09	14.41	22.64	-6.85	18.81	7.91	-1.26	6.15	23.16
T. Rowe Price Retirement I 2040 I	-18.72	16.58	18.16	24.89	-7.21	22.11	7.75	-	-	-
T. Rowe Price Retirement 2040 Index	-17.66	17.75	17.24	<i>25.55</i>	-6.61	20.62	9.58	-1.01	7.43	24.73
IM Mixed-Asset Target 2040 (MF) Median	-17.65	15.88	15.06	23.95	-7.49	20.14	8.19	-1.58	6.19	23.93



#### Calendar Year Performance

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
T. Rowe Price Retirement I 2045 I	-18.98	17.43	18.72	25.52	-7.51	22.55	7.75	-	-	-
T. Rowe Price Retirement 2045 Index	-17.92	18.76	17.60	26.33	-6.96	21.02	9.70	-0.98	7.43	24.73
IM Mixed-Asset Target 2045 (MF) Median	-18.08	16.95	15.61	25.02	-7.94	20.81	8.48	-1.44	6.35	23.84
T. Rowe Price Retirement I 2050 I	-19.09	17.54	18.72	25.57	-7.51	22.55	7.75	-	-	-
T. Rowe Price Retirement 2050 Index	-17.98	18.91	17.62	26.33	-6.96	21.02	9.70	-0.98	7.43	24.73
IM Mixed-Asset Target 2050 (MF) Median	-18.12	17.33	15.91	25.18	-8.05	21.16	8.77	-1.31	6.28	23.93
T. Rowe Price Retirement I 2055 I	-19.12	17.57	18.68	25.52	-7.50	22.57	7.65	-	-	-
T. Rowe Price Retirement 2055 Index	-18.00	18.91	17.62	26.33	-6.96	21.02	9.70	-0.98	7.43	24.73
IM Mixed-Asset Target 2050 (MF) Median	-18.12	17.33	15.91	25.18	-8.05	21.16	8.77	-1.31	6.28	23.93
T. Rowe Price Retirement I 2060 I	-19.10	17.55	18.79	25.48	-7.44	22.53	7.37	-	-	-
T. Rowe Price Retirement 2060 Index	-18.00	18.90	17.62	26.33	-6.96	21.02	9.70	-0.98	-	-
IM Mixed-Asset Target 2065+ (MF) Median	-18.37	17.72	16.58	-	-	-	-	-	-	-
T. Rowe Price Retirement I 2065 I	-19.09	18.52	-	-	-	-	-	-	-	-
T. Rowe Price Retirement 2065 Index	-18.02	19.65	-	-	-	-	-	-	-	-
IM Mixed-Asset Target 2065+ (MF) Median	-18.37	17.72	16.58	-	-	-	-	-	-	-
Tier II - Passive Core										
Vanguard Total Bond Market	-13.15	-1.65	7.74	8.73	-0.01	3.57	2.61	0.41	5.91	-2.13
Blmbg. U.S. Aggregate	-13.01	<i>-1.55</i>	7.51	8.72	0.01	3.54	2.65	0.55	5.97	-2.02
IM U.S. Broad Market Core Fixed Income (MF) Median	-13.39	-1.33	8.19	9.01	-0.38	3.87	3.08	0.39	5.88	-1.60
iShares S&P 500 Index	-18.13	28.65	18.43	31.43	-4.38	21.77	11.92	1.35	13.61	32.21
S&P 500 Index	-18.11	28.71	18.40	31.49	-4.38	21.83	11.96	1.38	13.69	32.39
IM S&P 500 Index (MF) Median	-18.23	28.52	18.26	31.29	-4.53	21.66	11.79	1.23	13.50	32.14
Vanguard Total International Stock Mrkt Index	-15.98	8.68	11.28	21.56	-14.39	27.55	4.70	-4.24	-4.15	15.15
Vanguard Spliced Total International Stock Index	-16.10	8.84	11.24	21.80	-14.61	27.41	4.72	-4.29	-3.39	15.76
IM International Large Cap Core Equity (MF) Median	-14.82	11.31	8.99	22.06	-14.40	25.30	1.10	-0.87	-5.59	20.72



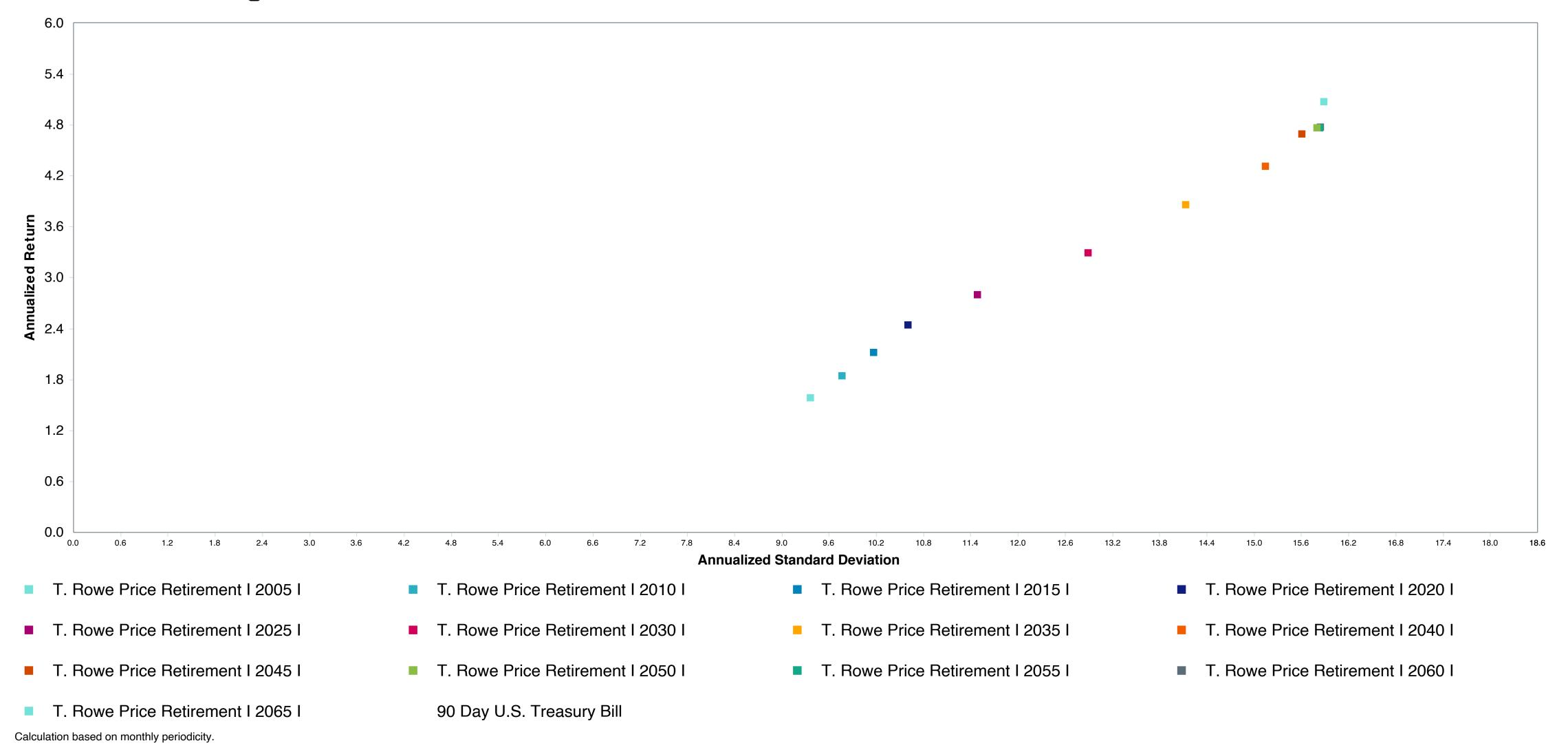
#### Calendar Year Performance

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Vanguard Extended Market Index	-26.46	12.47	32.23	28.05	-9.35	18.12	16.15	-3.24	7.56	38.42
Vanguard Spliced Extended Market Index	-26.54	12.35	<i>32.17</i>	27.95	-9.57	18.11	15.95	-3.35	7.50	38.24
IM U.S. SMID Cap Equity (MF) Median	-17.74	21.44	17.67	27.81	-9.31	18.17	15.57	-2.97	5.98	36.88
Tier III - Active Core										
Great West Fixed Fund 457(b)	1.67	1.64	1.77	-	-	-	-	-	-	-
90 Day U.S. Treasury Bill	1.46	0.05	0.67	2.28	1.87	0.86	0.25	0.03	0.04	0.05
IM U.S. GIC/Stable Value (SA+CF) Median	1.63	1.46	1.98	2.26	1.95	1.68	1.58	1.44	1.36	1.46
PIMCO Inflation Response Multi-Asset Inst	-5.12	13.83	9.36	10.03	-3.71	8.59	10.53	-6.77	1.57	-9.29
PIMCO IRMA Benchmark	-6.13	11.22	5.85	10.30	-3.86	5.08	6.76	-7.47	-0.34	-8.89
IM Flexible Portfolio (MF) Median	-13.13	11.21	7.77	16.99	-6.08	13.26	7.07	-3.18	4.27	12.20
Baird Core Plus Bond	-12.87	-1.02	8.80	10.11	-0.51	4.65	4.73	0.14	6.59	-1.32
Blmbg. U.S. Universal Index	-12.99	-1.10	7.58	9.29	-0.25	4.09	3.91	0.43	5.56	-1.35
IM U.S. Broad Market Core+ Fixed Income (MF) Median	-13.30	-0.71	8.79	9.66	-0.74	4.78	4.13	0.09	5.07	-0.91
Boston Trust SMID Cap Fund	-12.04	30.46	8.26	26.74	-5.62	18.39	20.16	-2.46	4.14	30.67
Russell 2500 Index	-18.37	18.18	19.99	27.77	-10.00	16.81	17.59	-2.90	7.07	36.80
IM U.S. SMID Cap Core Equity (MF) Median	-13.51	25.70	9.66	26.05	-11.91	15.70	17.56	-3.67	7.30	36.22
GQG International Opportunities Fund	-11.03	12.45	15.86	27.59	-6.02	31.75	-	-	-	-
MSCI AC World ex USA Index (Net)	-16.00	7.82	10.65	21.51	-14.20	27.19	4.50	-5.66	-3.87	15.29
IM International Equity Markets (MF) Median	-15.75	10.88	9.79	22.14	-14.40	25.88	1.56	-1.14	-4.82	21.64



## Risk Profile - Target Date

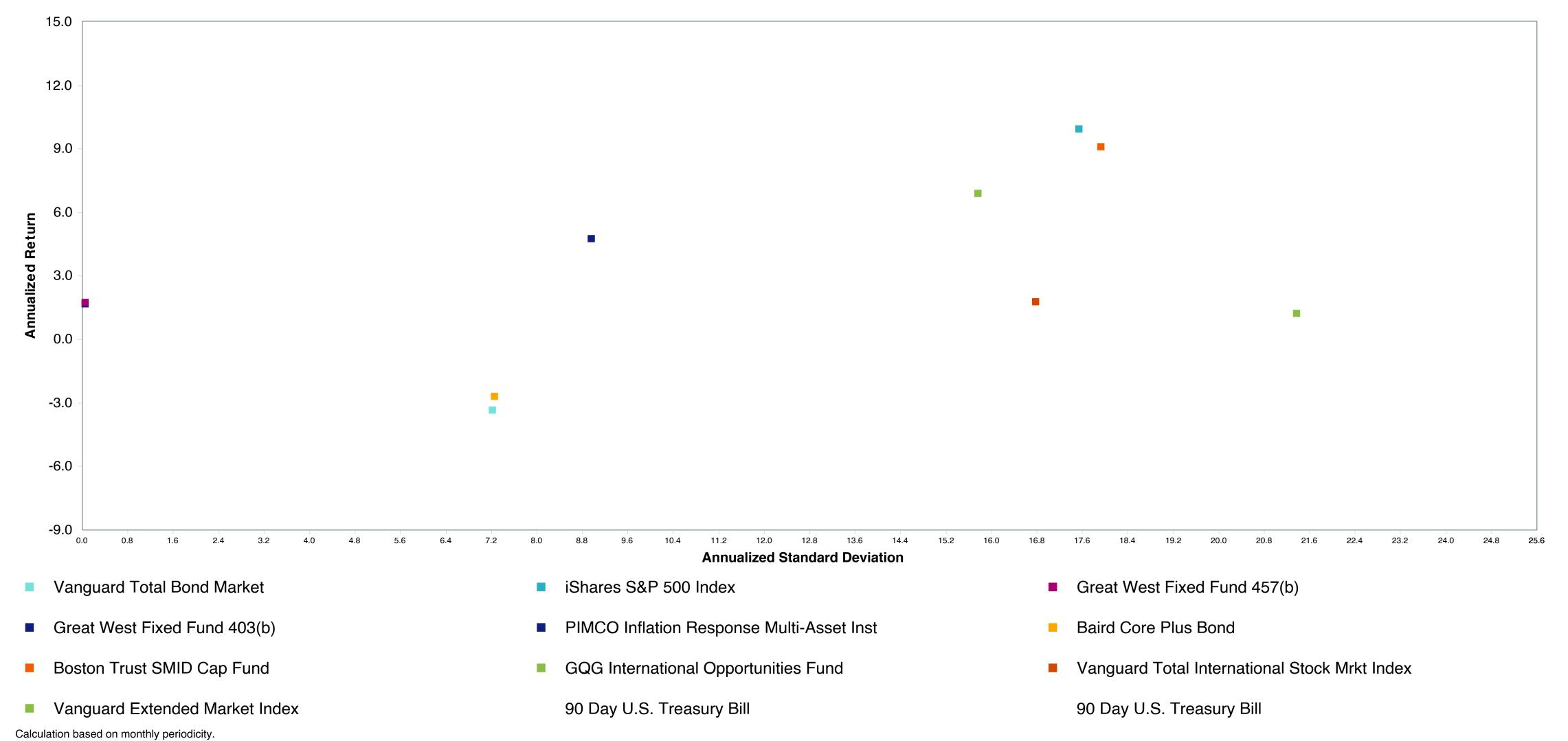
3 Years Ending December 31, 2023





#### Risk Profile - Tier II & Tier III

3 Years Ending December 31, 2023





Tier I - Target Date Funds



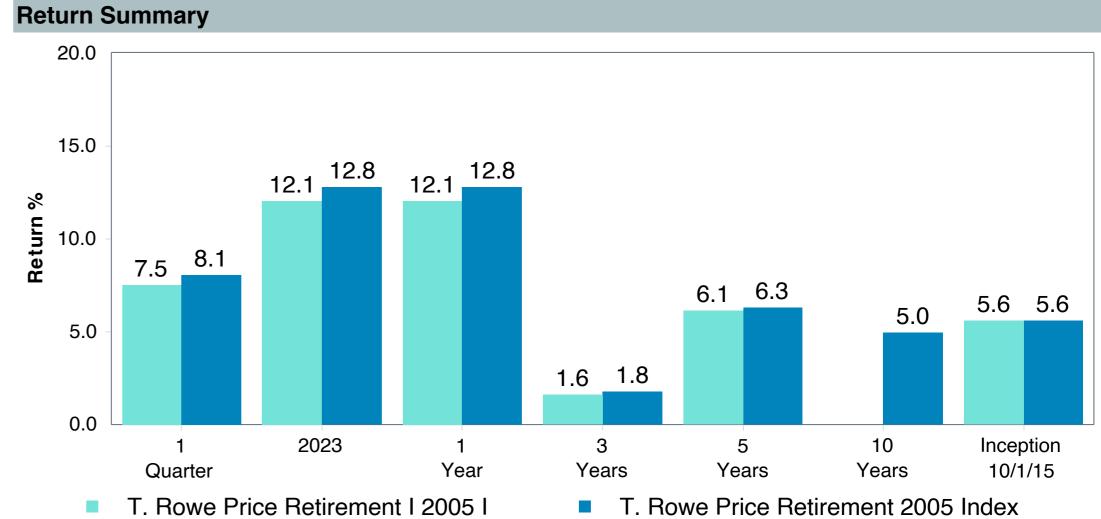


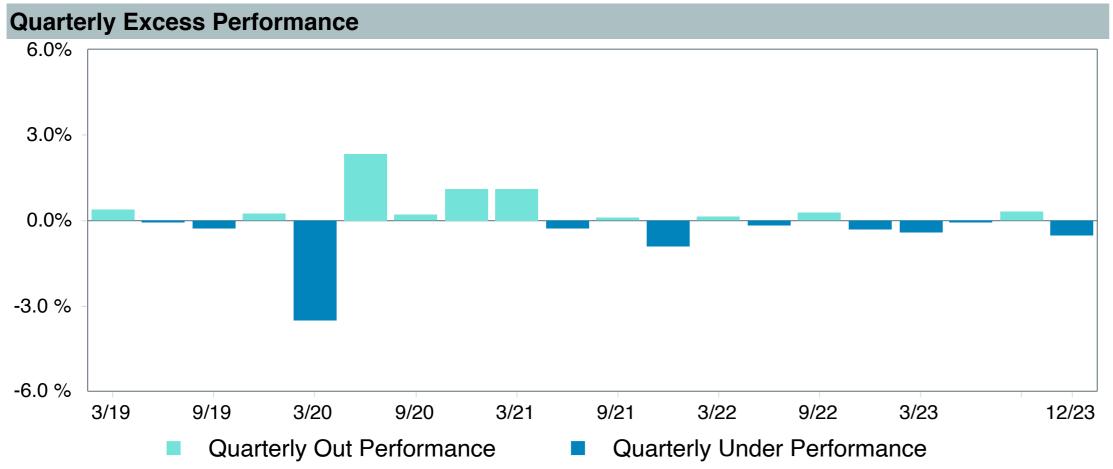
# Target Allocation T. Rowe Price Retirement Funds

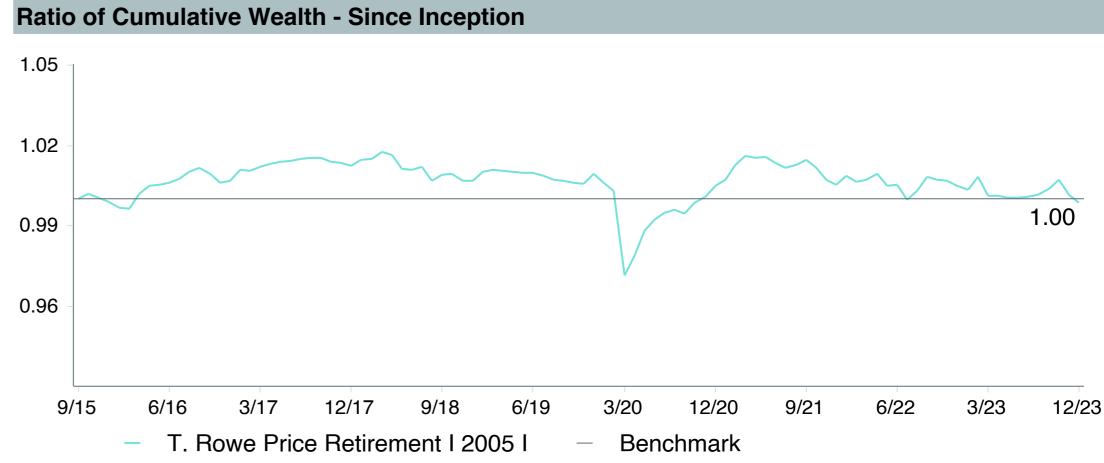
	Balanced	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065
Fixed Income	59.0%	55.0%	52.0%	49.0%	45.0%	35.0%	23.0%	13.0%	5.0%	3.0%	2.0%	2.0%	2.0%	2.0%
US Aggregate Bond	18.5%	17.6%	17.1%	16.7%	15.8%	13.5%	10.4%	5.9%	2.3%	1.4%	0.9%	0.9%	0.9%	0.9%
Dynamic Global Bond	4.1%	3.9%	3.8%	3.7%	3.5%	3.0%	2.3%	1.3%	0.5%	0.3%	0.2%	0.2%	0.2%	0.2%
Intl Bond (\$ Hedged)	6.2%	5.9%	5.7%	5.6%	5.3%	4.5%	3.5%	2.0%	0.8%	0.5%	0.3%	0.3%	0.3%	0.3%
High Yield	3.5%	3.3%	3.2%	3.0%	2.8%	2.1%	1.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Floating Rate	0.9%	0.8%	0.8%	0.8%	0.7%	0.5%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EM Bond	4.4%	4.1%	4.0%	3.8%	3.5%	2.6%	1.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
US Treasury Long	3.5%	3.5%	3.5%	3.5%	3.5%	3.9%	3.8%	2.5%	1.5%	0.9%	0.6%	0.6%	0.6%	0.6%
Inflation Focused	18.0%	16.0%	14.0%	12.0%	10.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Treasury Money Market	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
U.S. Equity	27.3%	29.9%	31.9%	33.9%	36.6%	43.2%	51.2%	57.9%	63.2%	64.5%	65.2%	65.2%	65.2%	65.2%
US Large Cap	21.8%	23.9%	25.5%	27.1%	29.3%	34.6%	41.0%	46.3%	50.5%	51.6%	52.1%	52.1%	52.1%	52.1%
US Mid Cap	2.7%	3.0%	3.2%	3.4%	3.7%	4.3%	5.1%	5.8%	6.3%	6.5%	6.5%	6.5%	6.5%	6.5%
US Small Cap	2.7%	3.0%	3.2%	3.4%	3.7%	4.3%	5.1%	5.8%	6.3%	6.5%	6.5%	6.5%	6.5%	6.5%
Non-U.S. Equity	11.7%	12.8%	13.7%	14.5%	15.7%	18.5%	21.9%	24.8%	27.1%	27.6%	27.9%	27.9%	27.9%	27.9%
Developed Intl Mkts	9.9%	10.9%	11.6%	12.4%	13.3%	15.7%	18.7%	21.1%	23.0%	23.5%	23.7%	23.7%	23.7%	23.7%
Emerging Markets	1.8%	1.9%	2.1%	2.2%	2.4%	2.8%	3.3%	3.7%	4.1%	4.1%	4.2%	4.2%	4.2%	4.2%
Real Assets	2.1%	2.3%	2.4%	2.6%	2.8%	3.3%	3.9%	4.4%	4.8%	4.9%	4.9%	4.9%	4.9%	4.9%
Real Assets Fund	2.1%	2.3%	2.4%	2.6%	2.8%	3.3%	3.9%	4.4%	4.8%	4.9%	4.9%	4.9%	4.9%	4.9%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



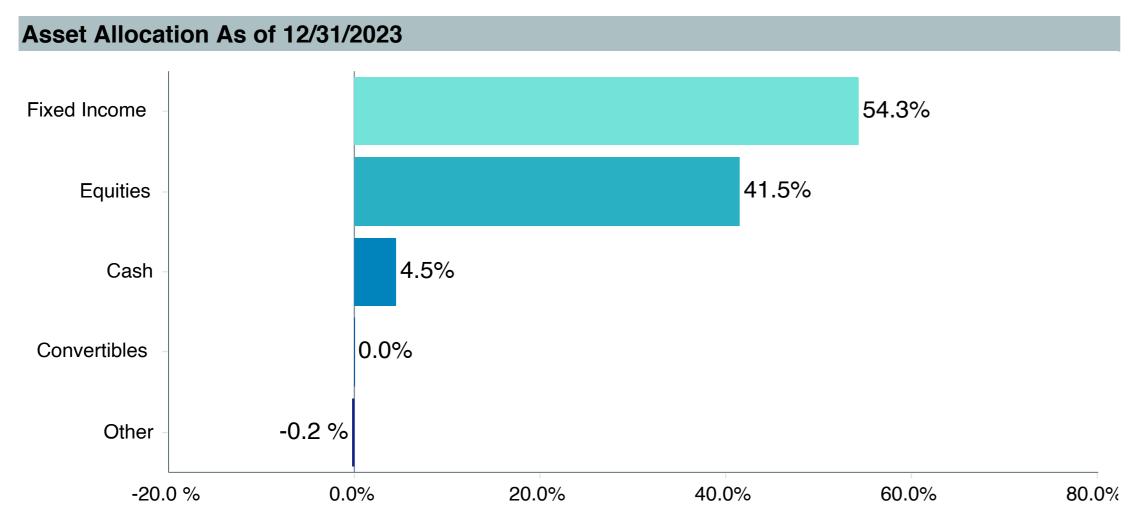
Account Information				
Product Name :	T ROWE PRICE R:I2005;I (TRPFX)			
Fund Family:	T. Rowe Price			
Ticker:	TRPFX			
Peer Group:	IM Mixed-Asset Target Alloc Consv (MF)			
Benchmark:	T. Rowe Price Retirement 2005 Index			
Fund Inception:	09/29/2015			
Portfolio Manager:	Team Managed			
Total Assets:	\$314.90 Million			
Total Assets Date:	01/31/2024			
Gross Expense:	0.34%			
Net Expense :	0.34%			
Turnover:	37%			





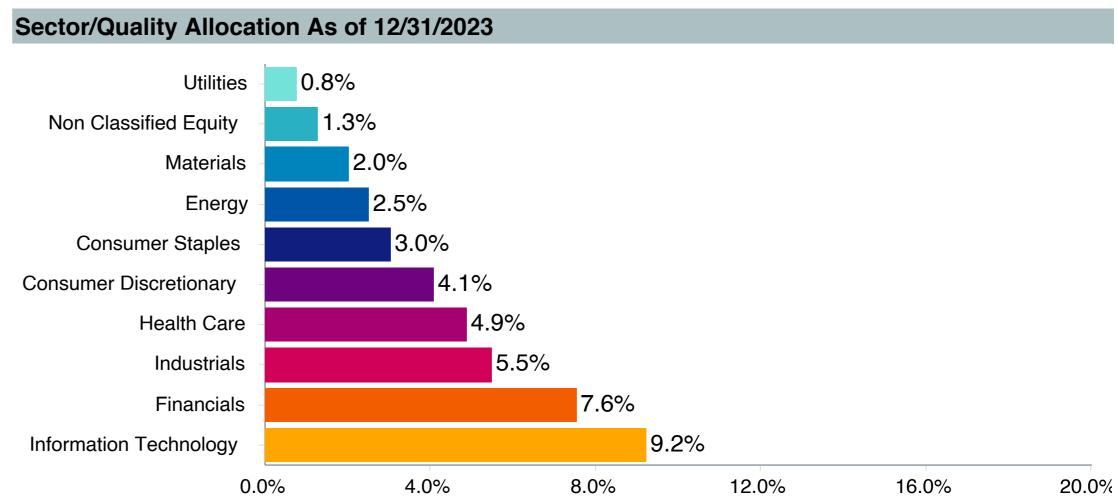






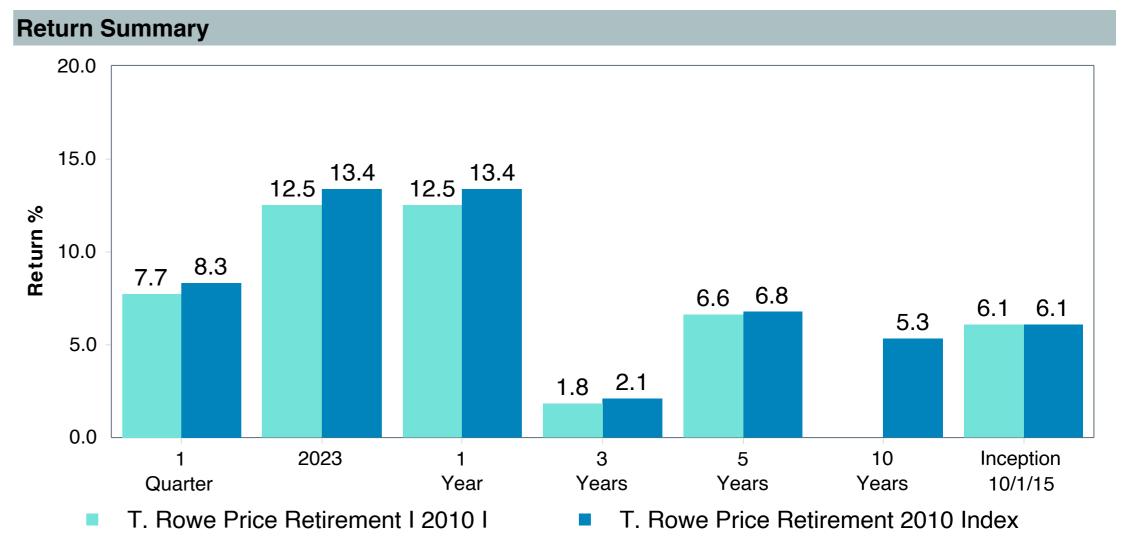
Fund Characteristic	cs As of 12/31/2023	
Total Securities	29	
Avg. Market Cap	\$142,576.19 Million	
P/E	11.89	
P/B	2.88	
Div. Yield	0.95%	
Annual EPS	3.49	
5Yr EPS	7.14	
3Yr EPS Growth	9.23	

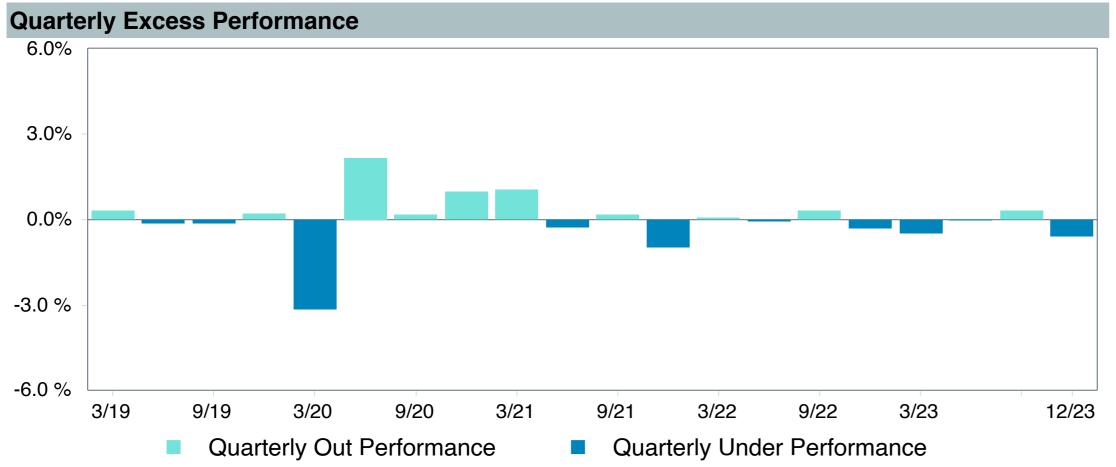
Top Ten Securities As of 12/31/2023	
T Rowe Price Limited Duration Inflation	16.43 %
T Rowe Price New Income Fund;Z	15.66 %
T Rowe Price Value Fund;Z	5.93 %
T Rowe Price Growth Stock Fund;Z	5.84 %
T Rowe Price International Bond	5.38 %
T Rowe Price Hedged Equity Fund;Z	4.20 %
T Rowe Price Emerging Markets Bond	3.79 %
T Rowe Price Equity Index 500 Fund;Z	3.77 %
T Rowe Price US Large-Cap Core	3.65 %
T Rowe Price Dynamic Global Bond	3.61 %

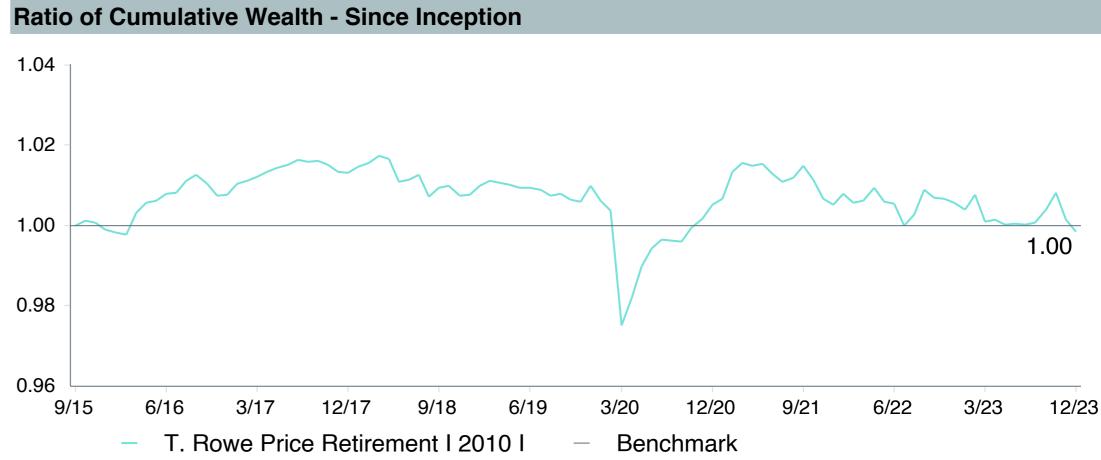




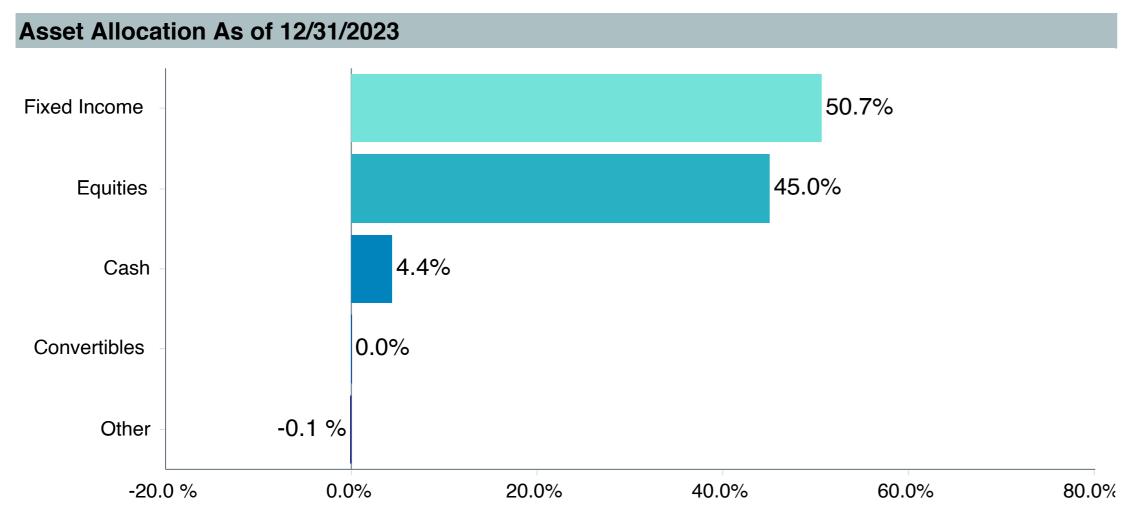
<b>Account Information</b>	on
Product Name :	T ROWE PRICE R:I2010;I (TRPAX)
Fund Family:	T. Rowe Price
Ticker:	TRPAX
Peer Group:	IM Mixed-Asset Target 2010 (MF)
Benchmark:	T. Rowe Price Retirement 2010 Index
Fund Inception:	09/29/2015
Portfolio Manager:	Team Managed
Total Assets:	\$872.80 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.34%
Net Expense :	0.34%
Turnover:	31%





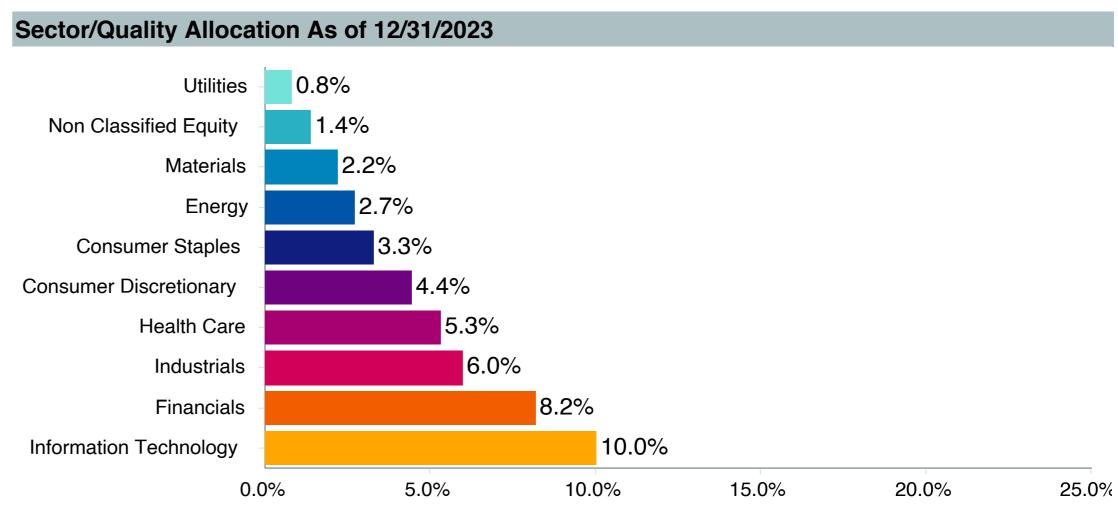






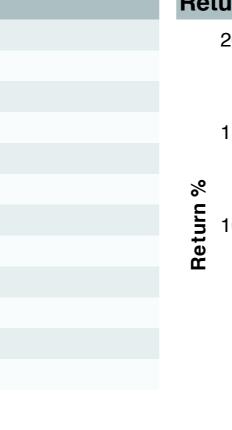
Fund Characteristics	As of 12/31/2023
Total Securities	29
Avg. Market Cap	\$154,697.55 Million
P/E	12.89
P/B	3.13
Div. Yield	1.04%
Annual EPS	3.84
5Yr EPS	7.71
3Yr EPS Growth	9.85

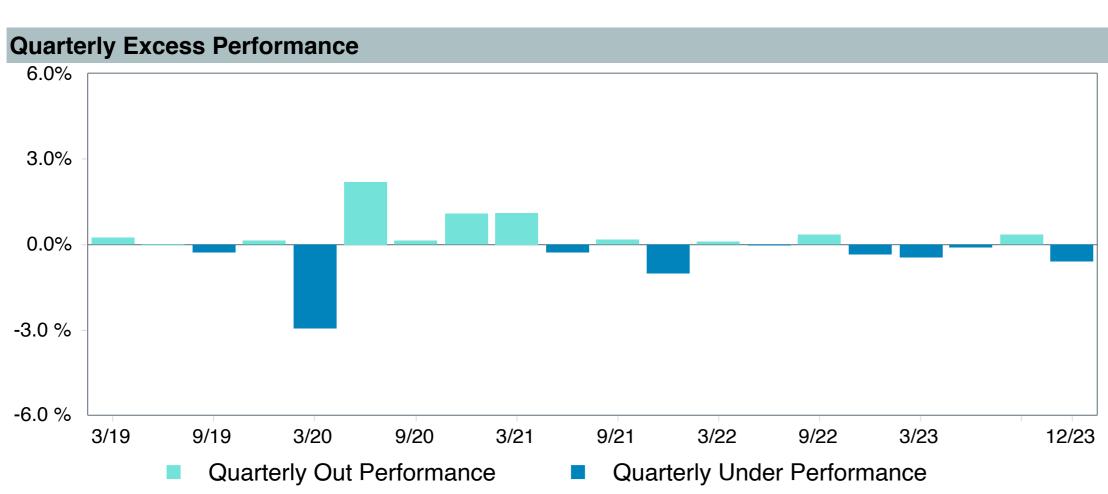
Top Ten Securities As of 12/31/2023	
T Rowe Price New Income Fund;Z	14.96 %
T Rowe Price Limited Duration Inflation	14.41 %
T Rowe Price Value Fund;Z	6.44 %
T Rowe Price Growth Stock Fund;Z	6.35 %
T Rowe Price International Bond	5.20 %
T Rowe Price Hedged Equity Fund;Z	4.59 %
T Rowe Price Equity Index 500 Fund;Z	4.02 %
T Rowe Price US Large-Cap Core	3.97 %
T Rowe Price Emerging Markets Bond	3.57 %
T Rowe Price US Treasury Long-Term	3.56 %

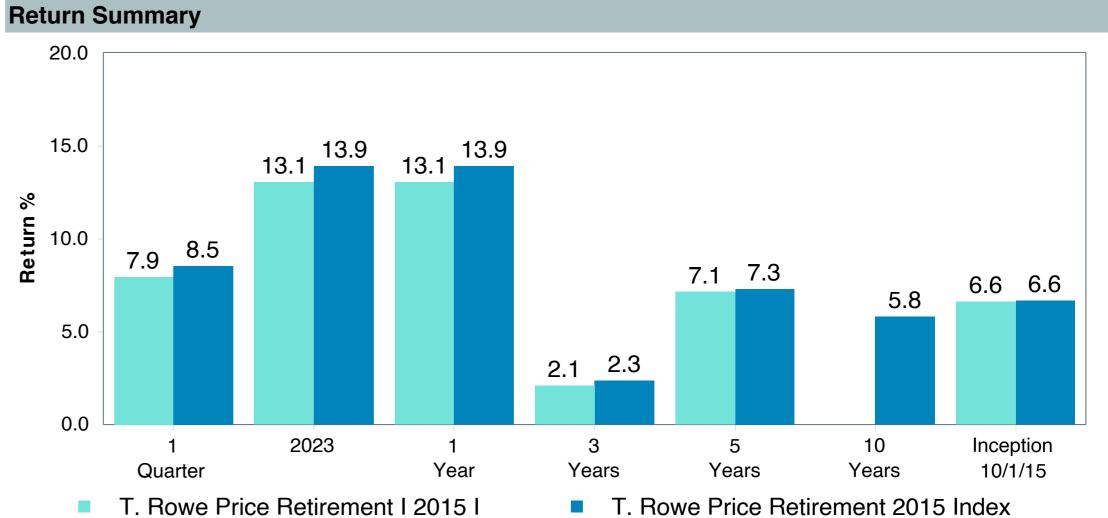


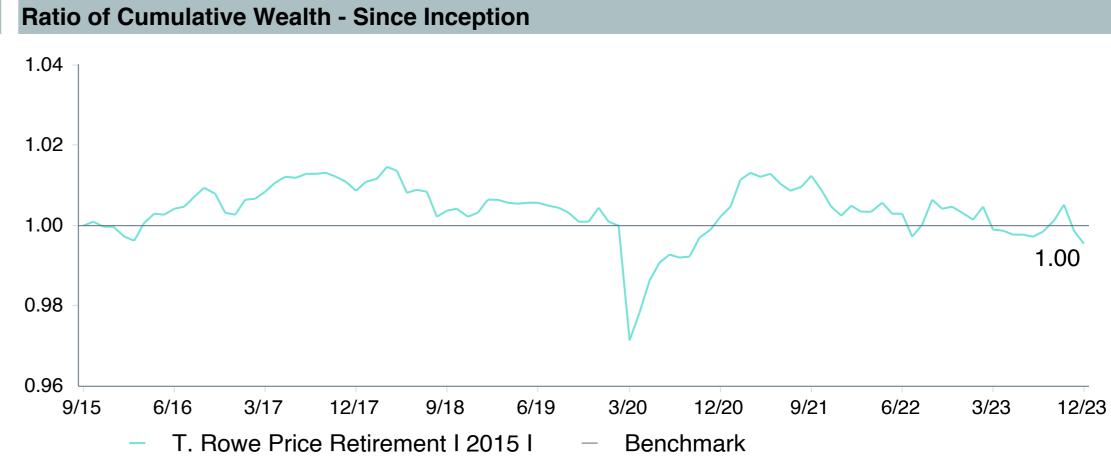


Account Information				
Product Name :	T ROWE PRICE R:I2015;I (TRFGX)			
Fund Family:	T. Rowe Price			
Ticker:	TRFGX			
Peer Group:	IM Mixed-Asset Target 2015 (MF)			
Benchmark:	T. Rowe Price Retirement 2015 Index			
Fund Inception:	09/29/2015			
Portfolio Manager:	Team Managed			
Total Assets:	\$1,604.90 Million			
Total Assets Date :	01/31/2024			
Gross Expense:	0.35%			
Net Expense:	0.35%			
Turnover:	33%			

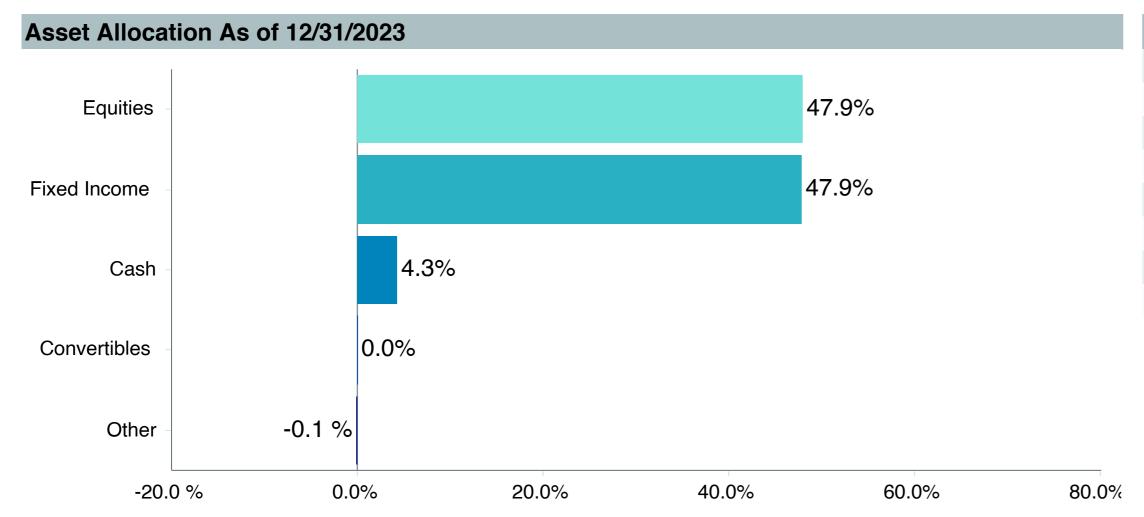






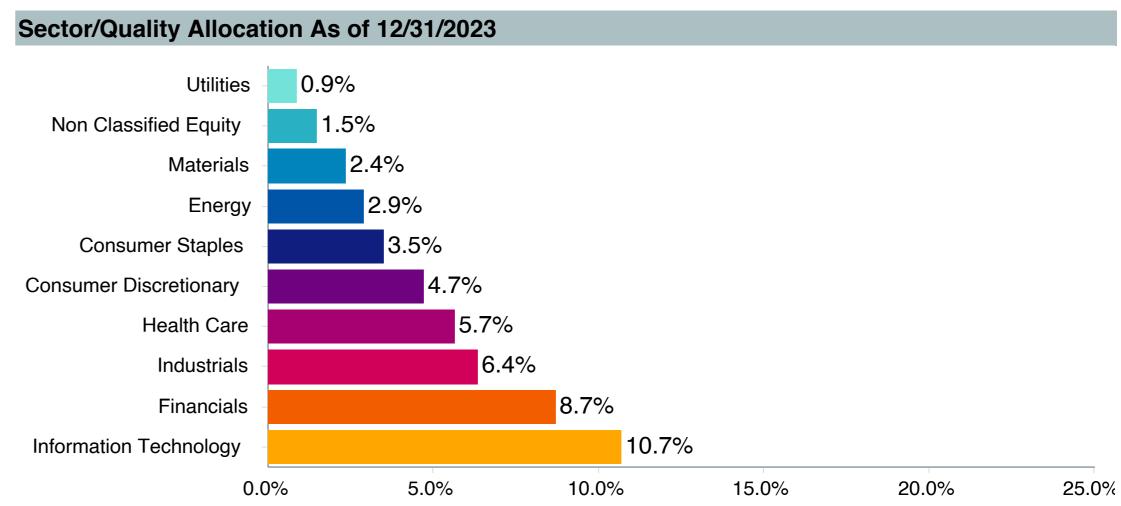






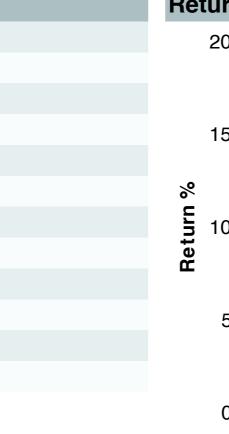
<b>Fund Characteristics</b>	As of 12/31/2023
Total Securities	29
Avg. Market Cap	\$164,748.93 Million
P/E	13.70
P/B	3.33
Div. Yield	1.10%
Annual EPS	4.12
5Yr EPS	8.16
3Yr EPS Growth	10.34

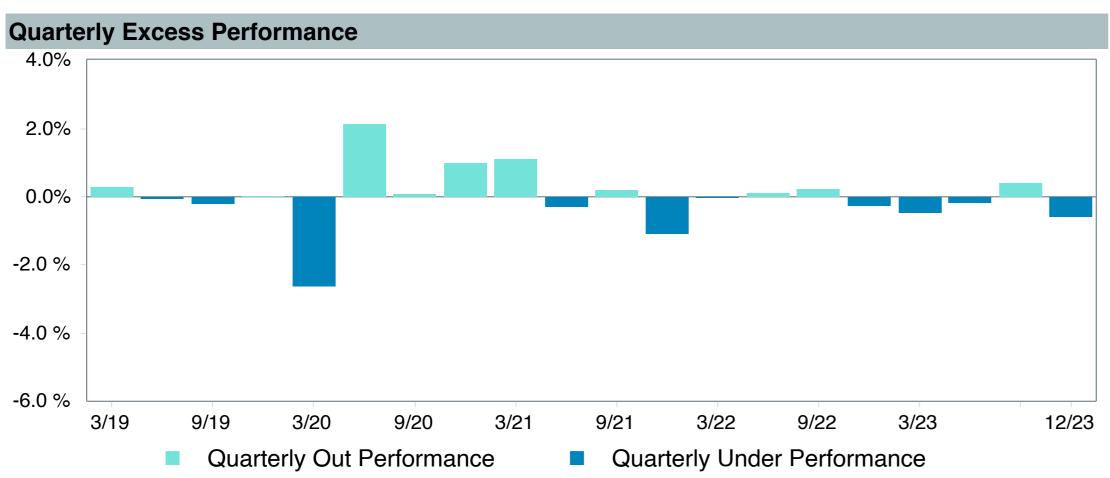
Top Ten Securities As of 12/31/2023	
T Rowe Price New Income Fund;Z	14.54 %
T Rowe Price Limited Duration Inflation	12.57 %
T Rowe Price Value Fund;Z	6.82 %
T Rowe Price Growth Stock Fund;Z	6.76 %
T Rowe Price International Bond	5.02 %
T Rowe Price Hedged Equity Fund;Z	4.79 %
T Rowe Price Equity Index 500 Fund;Z	4.39 %
T Rowe Price US Large-Cap Core	4.23 %
T Rowe Price Overseas Stock Fund;Z	3.63 %
T Rowe Price US Treasury Long-Term	3.54 %

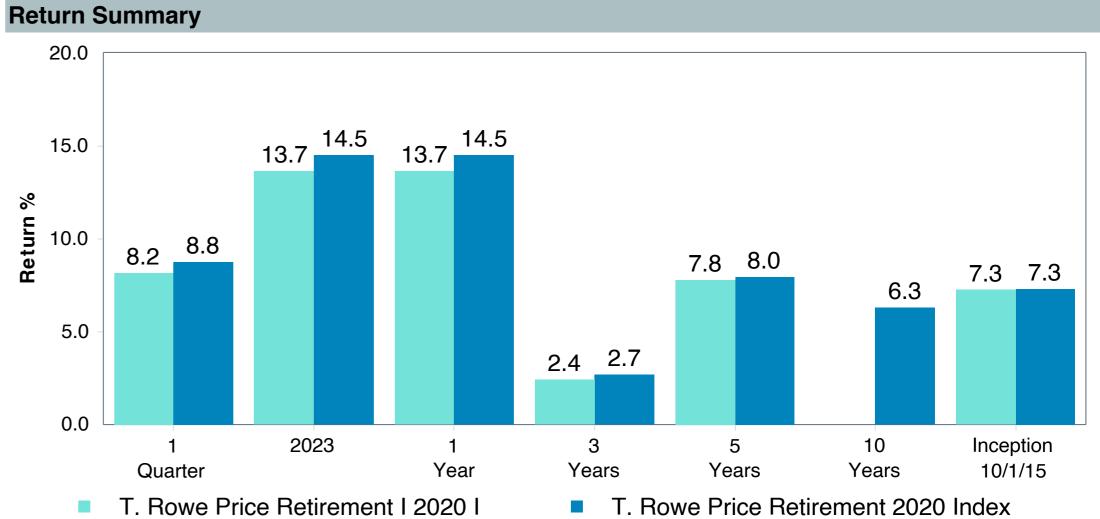


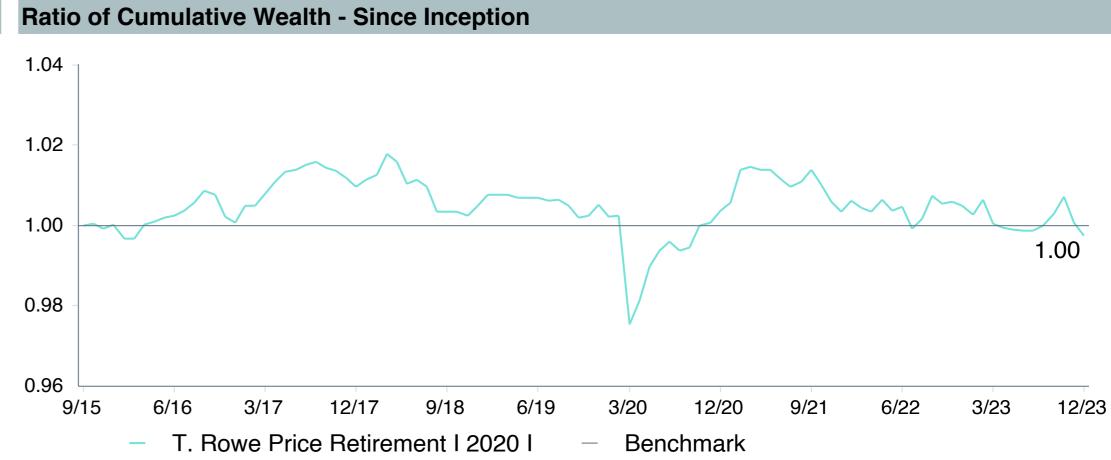


Account Information				
Product Name :	T ROWE PRICE R:I2020;I (TRBRX)			
Fund Family:	T. Rowe Price			
Ticker:	TRBRX			
Peer Group:	IM Mixed-Asset Target 2020 (MF)			
Benchmark:	T. Rowe Price Retirement 2020 Index			
Fund Inception:	09/29/2015			
Portfolio Manager:	Team Managed			
Total Assets:	\$5,210.60 Million			
Total Assets Date:	01/31/2024			
Gross Expense:	0.37%			
Net Expense :	0.37%			
Turnover:	29%			

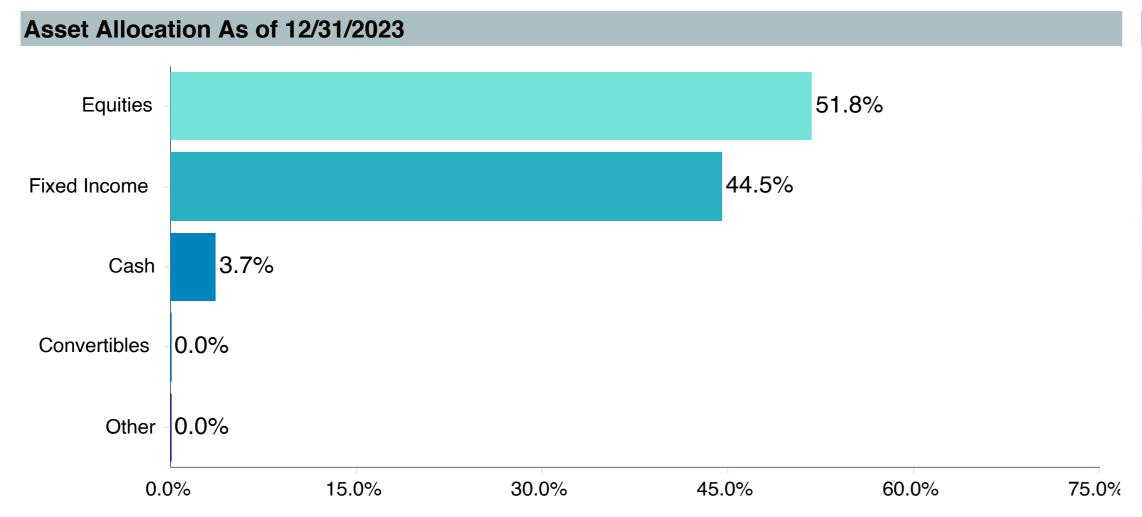






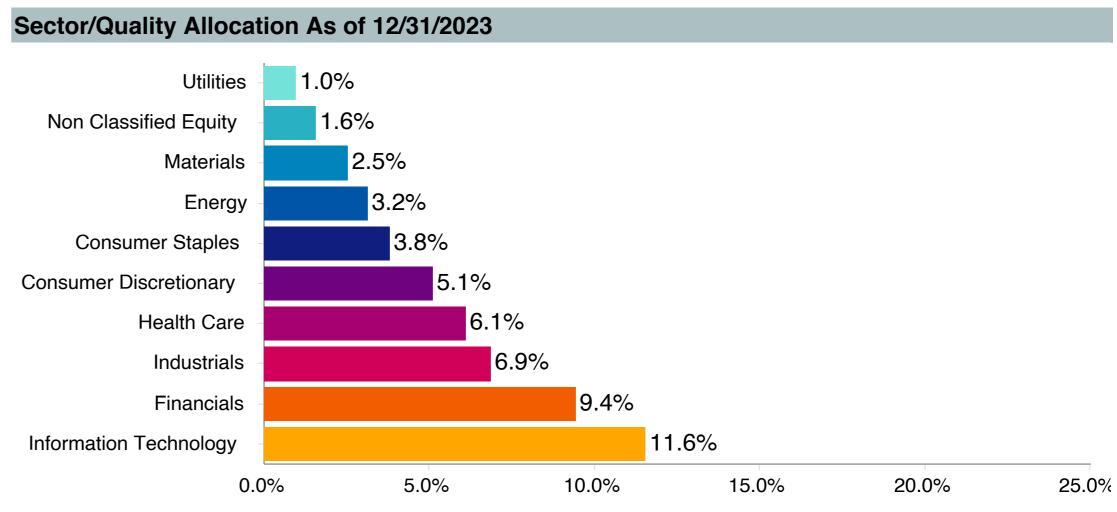






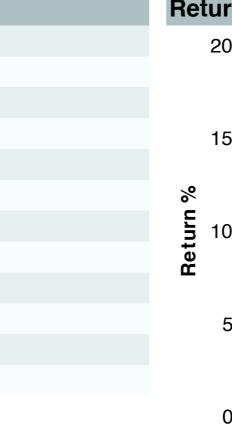
Fund Characteristics As of 12/31/2023		
Total Securities	31	
Avg. Market Cap	\$178,529.33 Million	
P/E	14.77	
P/B	3.60	
Div. Yield	1.19%	
Annual EPS	4.49	
5Yr EPS	8.77	
3Yr EPS Growth	11.02	

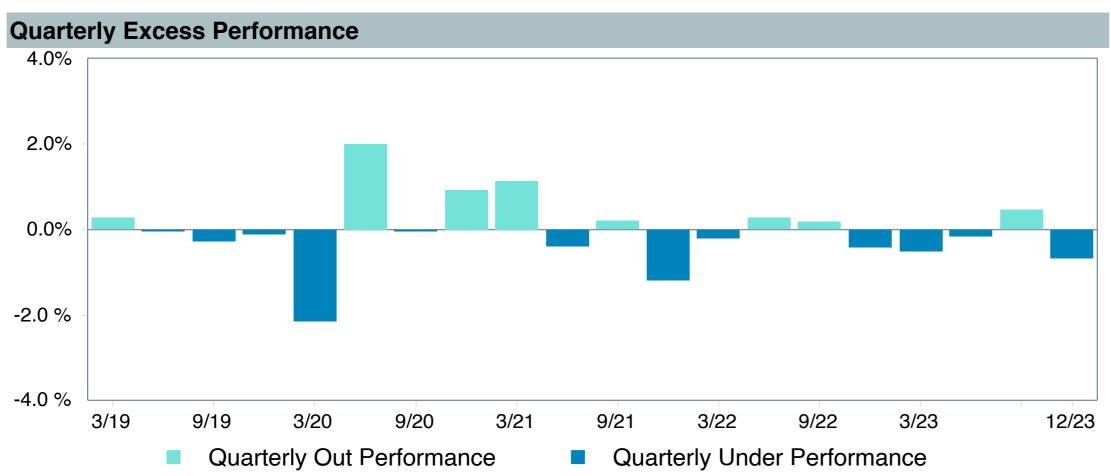
Top Ten Securities As of 12/31/2023	
T Rowe Price New Income Fund;Z	14.08 %
T Rowe Price Limited Duration Inflation	10.67 %
T Rowe Price Value Fund;Z	7.43 %
T Rowe Price Growth Stock Fund;Z	7.20 %
T Rowe Price Hedged Equity Fund;Z	5.12 %
T Rowe Price Equity Index 500 Fund;Z	5.08 %
T Rowe Price International Bond 4.77 %	
T Rowe Price US Large-Cap Core 4.53 %	
T Rowe Price Overseas Stock Fund;Z 3.91 %	
T Rowe Price US Treasury Long-Term	3.52 %

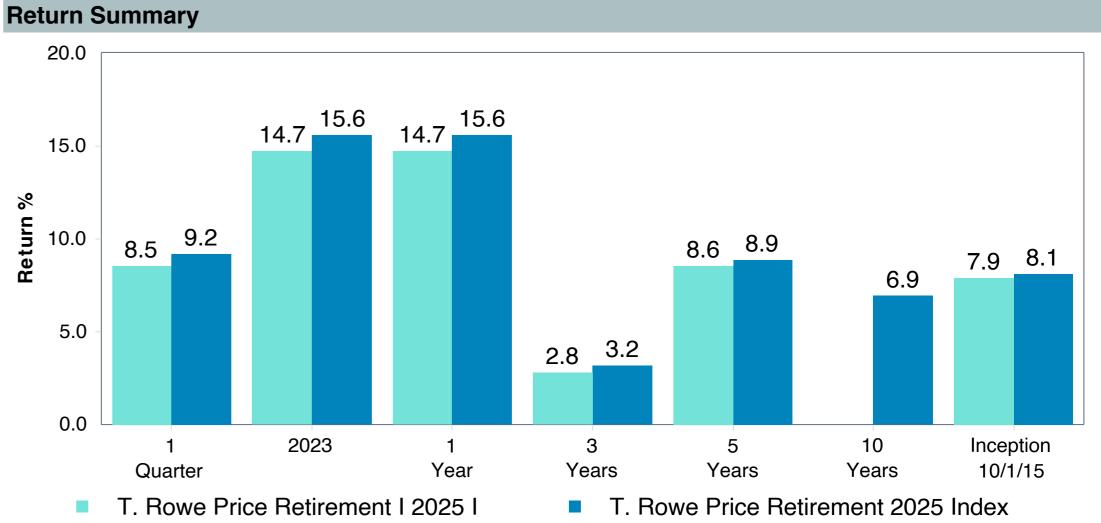


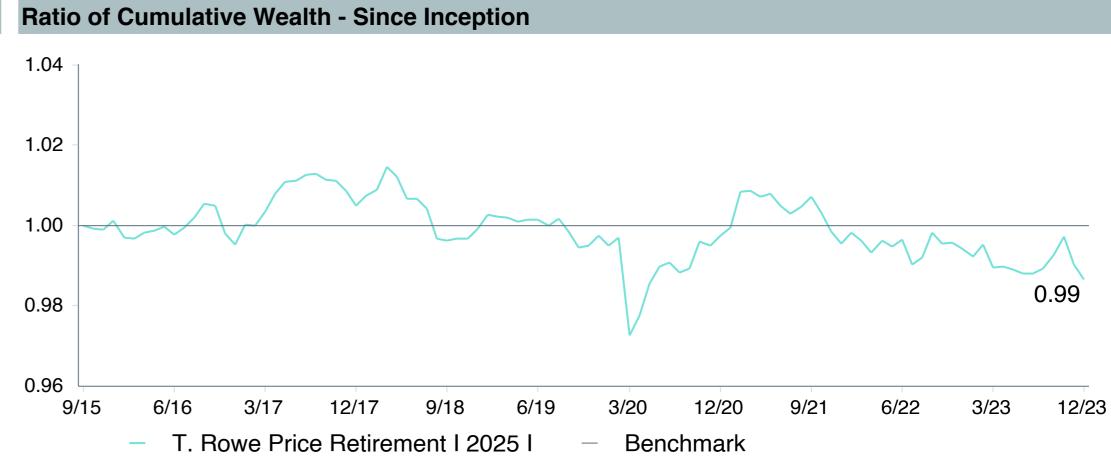


Account Information		
Product Name:	T ROWE PRICE R:I2025;I (TRPHX)	
Fund Family:	T. Rowe Price	
Ticker:	TRPHX	
Peer Group:	IM Mixed-Asset Target 2025 (MF)	
Benchmark:	T. Rowe Price Retirement 2025 Index	
Fund Inception:	09/29/2015	
Portfolio Manager:	Team Managed	
Total Assets:	\$8,292.30 Million	
Total Assets Date:	01/31/2024	
Gross Expense:	0.38%	
Net Expense:	0.38%	
Turnover:	26%	

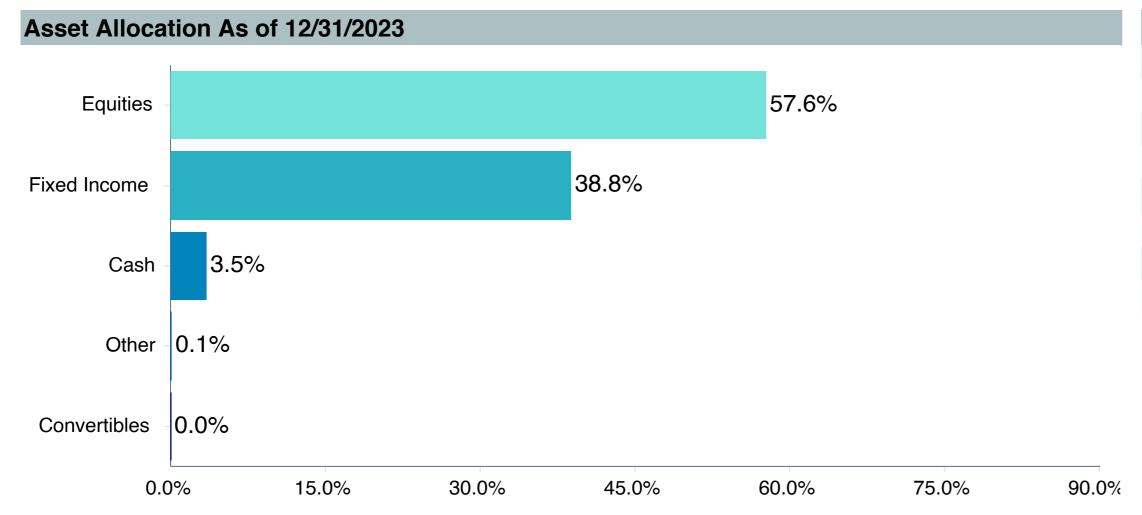






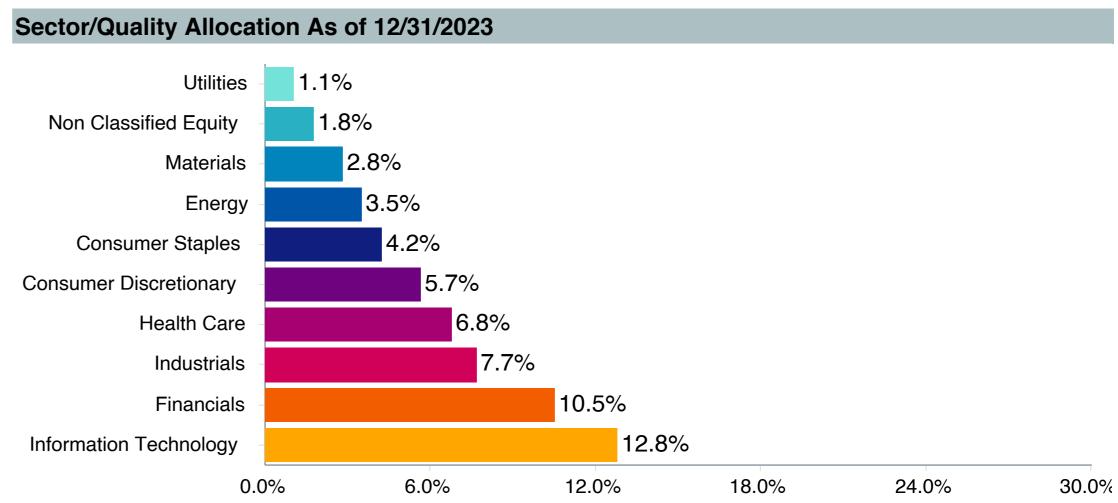






Fund Characteristics	As of 12/31/2023
Total Securities	31
Avg. Market Cap	\$196,245.66 Million
P/E	16.31
P/B	3.97
Div. Yield	1.32%
Annual EPS	5.12
5Yr EPS	9.61
3Yr EPS Growth	11.80

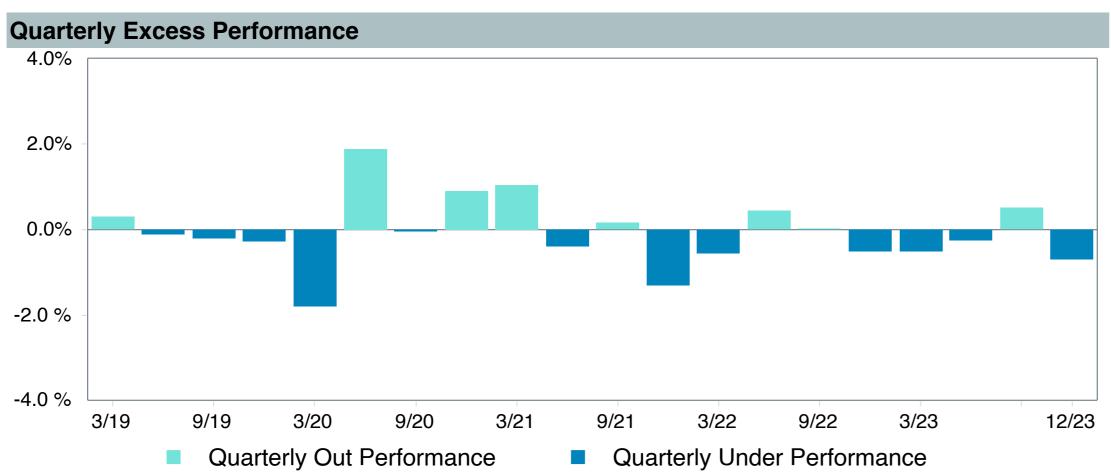
Top Ten Securities As of 12/31/2023	
T Rowe Price New Income Fund;Z	12.90 %
T Rowe Price Value Fund;Z	8.53 %
T Rowe Price Growth Stock Fund;Z	8.19 %
T Rowe Price Limited Duration Inflation 7.94 %	
T Rowe Price Equity Index 500 Fund;Z	5.67 %
T Rowe Price US Large-Cap Core	5.15 %
T Rowe Price Hedged Equity Fund;Z 4.72 %	
T Rowe Price Overseas Stock Fund;Z 4.43 %	
T Rowe Price International Bond 4.30 %	
T Rowe Price International Value 3.91 %	

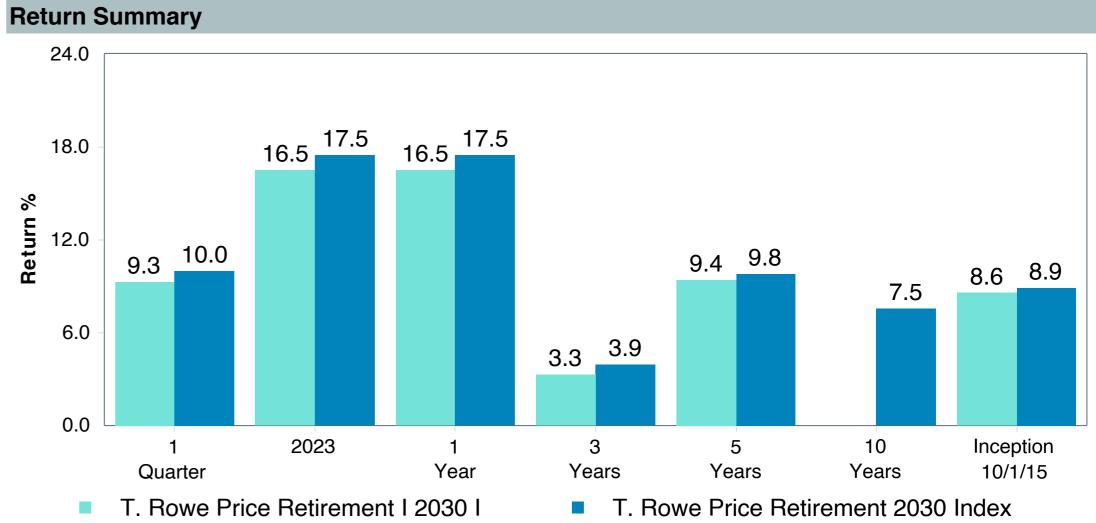


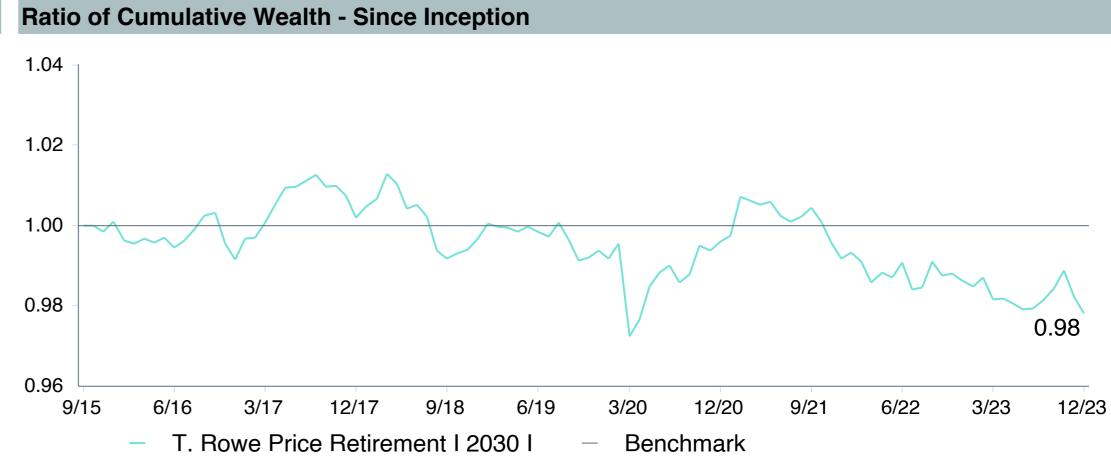


Account Information		
Product Name :	T ROWE PRICE R:I2030;I (TRPCX)	
Fund Family:	T. Rowe Price	
Ticker:	TRPCX	
Peer Group:	IM Mixed-Asset Target 2030 (MF)	
Benchmark:	T. Rowe Price Retirement 2030 Index	
Fund Inception:	09/29/2015	
Portfolio Manager:	Team Managed	
Total Assets:	\$12,026.80 Million	
Total Assets Date:	01/31/2024	
Gross Expense:	0.40%	
Net Expense:	0.40%	
Turnover:	26%	

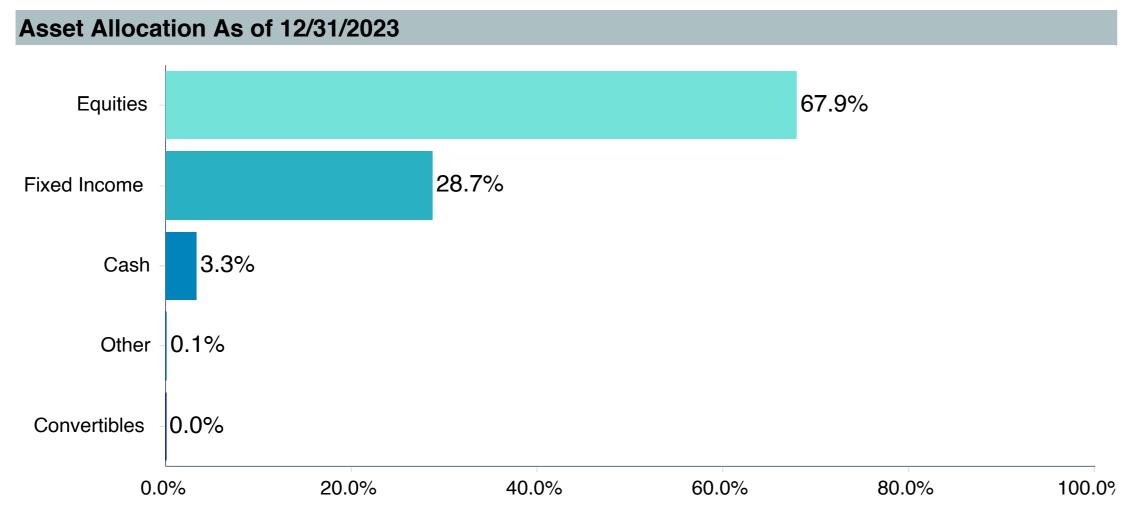






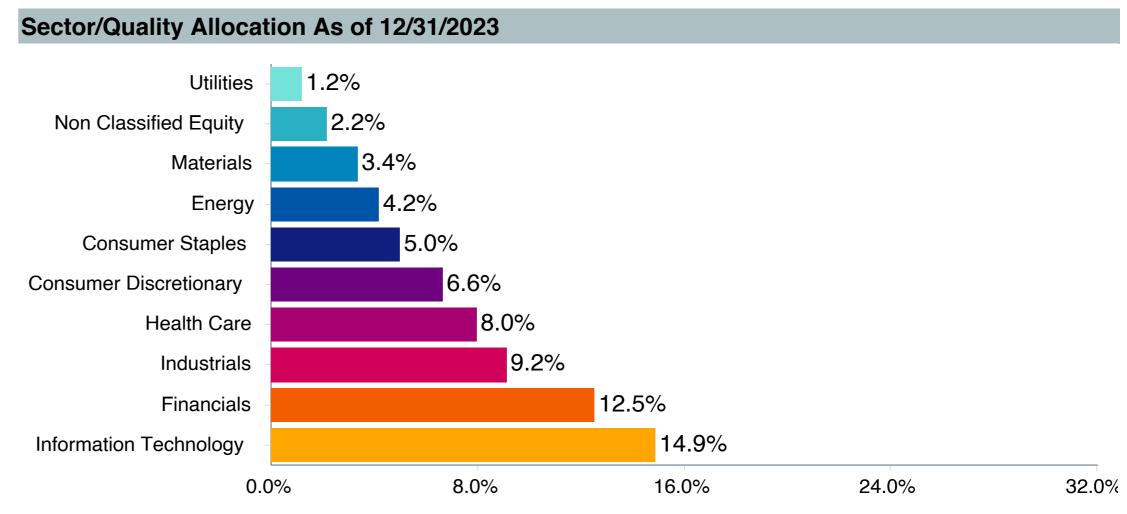






Fund Characteristics	As of 12/31/2023
Total Securities	31
Avg. Market Cap	\$224,907.46 Million
P/E	18.96
P/B	4.59
Div. Yield	1.55%
Annual EPS	6.23
5Yr EPS	11.02
3Yr EPS Growth	13.11

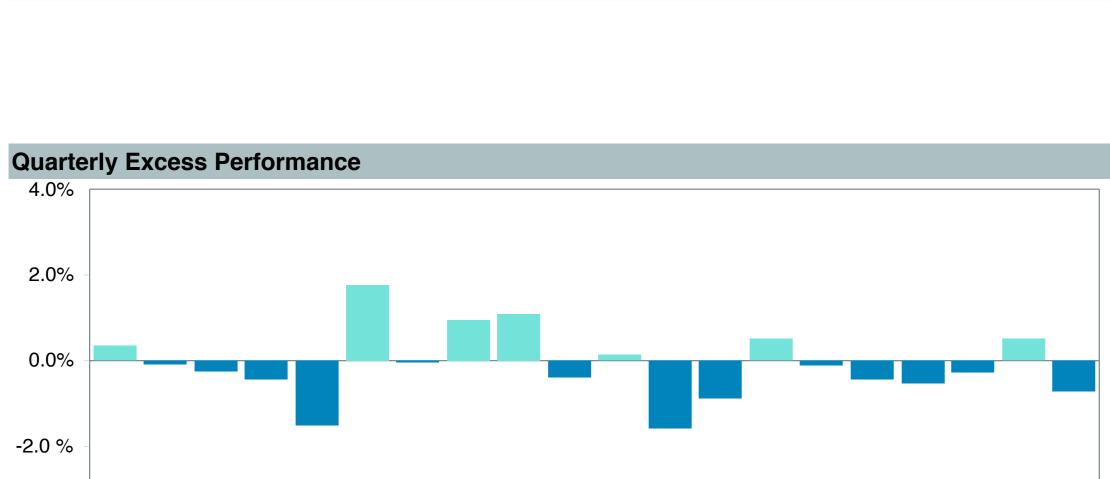
Top Ten Securities As of 12/31/2023	
T Rowe Price New Income Fund;Z	10.61 %
T Rowe Price Value Fund;Z	10.45 %
T Rowe Price Growth Stock Fund;Z	10.24 %
T Rowe Price Equity Index 500 Fund;Z	7.04 %
T Rowe Price US Large-Cap Core	6.42 %
T Rowe Price Overseas Stock Fund;Z	5.52 %
T Rowe Price International Value	4.85 %
T Rowe Price International Stock 4.67 %	
T Rowe Price Real Assets Fund;Z 4.35 %	
T Rowe Price US Treasury Long-Term	3.71 %





#### As of December 31, 2023

Account Information		
Product Name :	T ROWE PRICE R:I2035;I (TRPJX)	
Fund Family:	T. Rowe Price	
Ticker:	TRPJX	
Peer Group:	IM Mixed-Asset Target 2035 (MF)	
Benchmark:	T. Rowe Price Retirement 2035 Index	
Fund Inception:	09/29/2015	
Portfolio Manager:	Team Managed	
Total Assets:	\$9,630.70 Million	
Total Assets Date :	01/31/2024	
Gross Expense:	0.42%	
Net Expense :	0.42%	
Turnover:	22%	



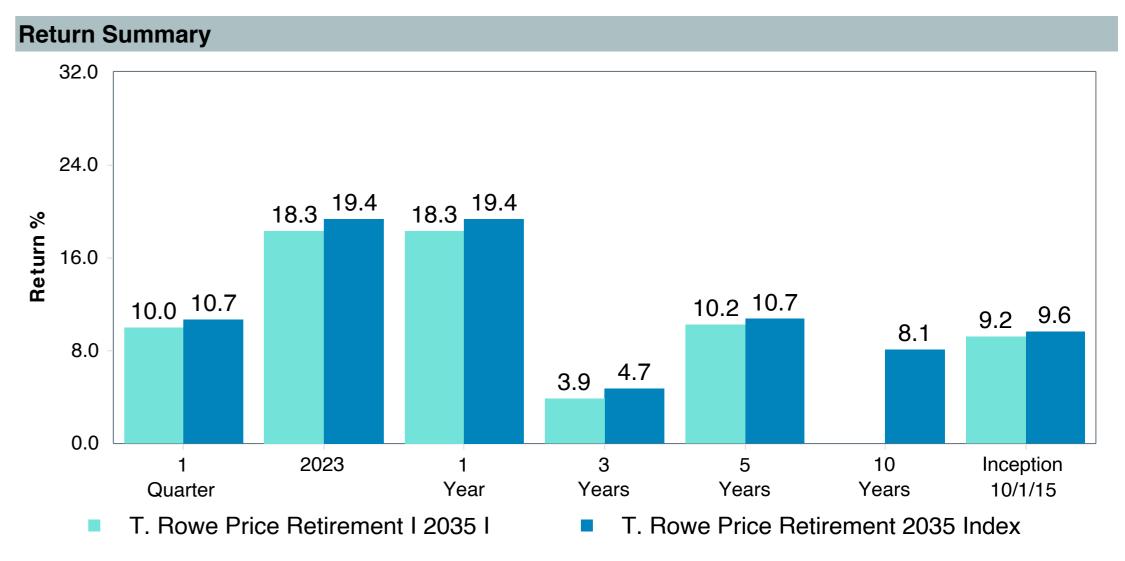
3/21

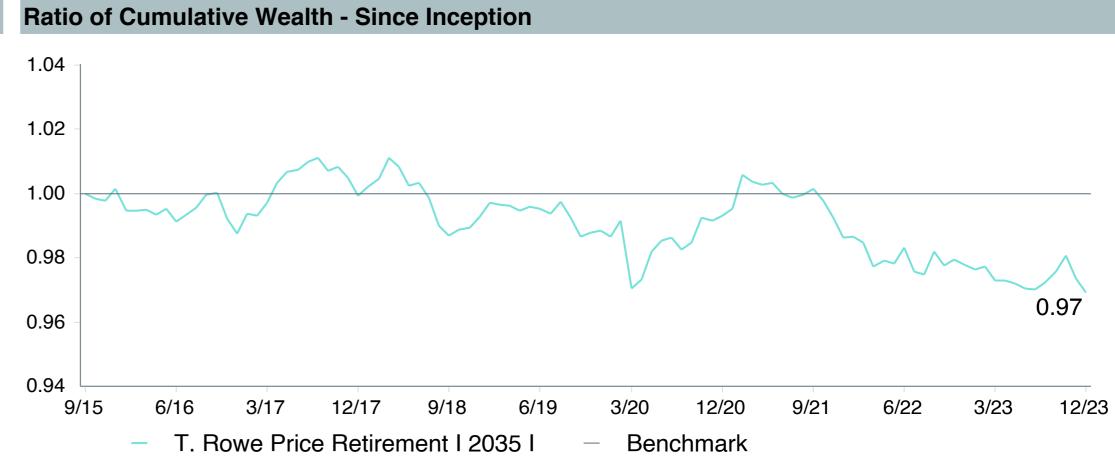
Quarterly Out Performance

3/23

Quarterly Under Performance

12/23

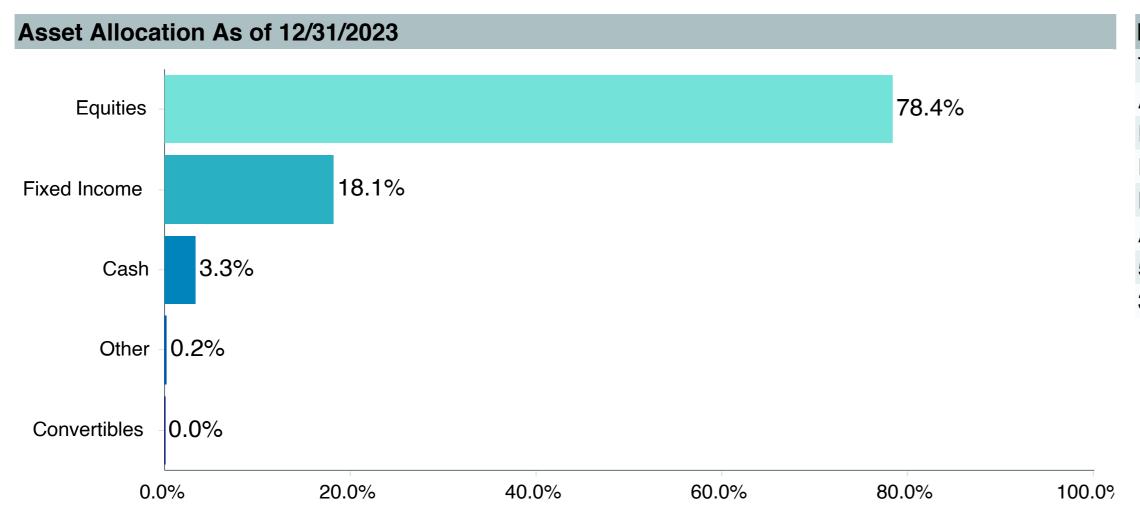






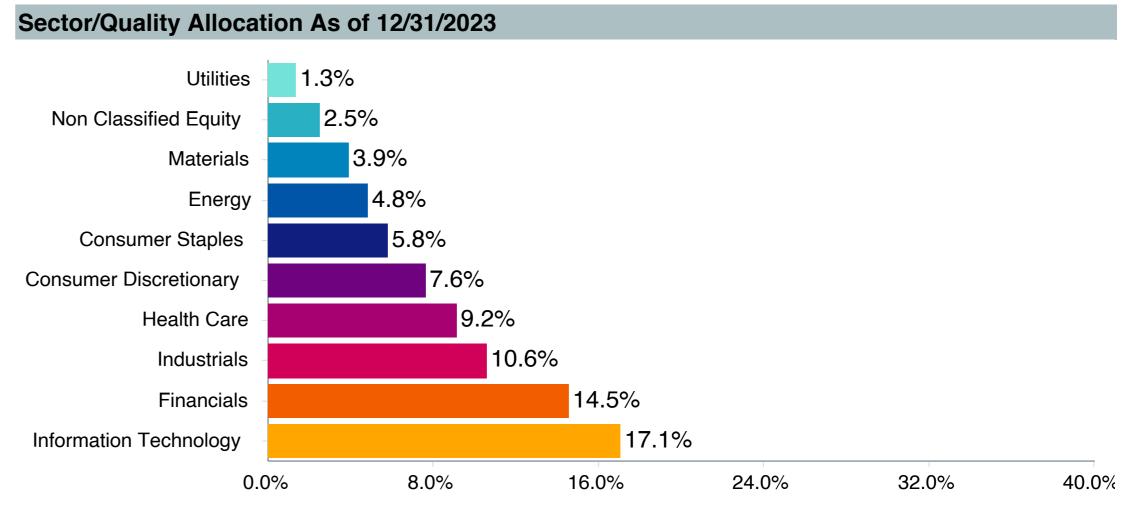
-4.0 %

3/19



Fund Characteristics As of 12/31/2023		
Total Securities	29	
Avg. Market Cap	\$254,876.79 Million	
P/E	21.69	
P/B	5.22	
Div. Yield	1.80%	
Annual EPS	7.24	
5Yr EPS	12.56	
3Yr EPS Growth	14.81	

Top Ten Securities As of 12/31/2023	
T Rowe Price Value Fund;Z	12.48 %
T Rowe Price Growth Stock Fund;Z	12.40 %
T Rowe Price Equity Index 500 Fund;Z	8.44 %
T Rowe Price US Large-Cap Core	7.78 %
T Rowe Price New Income Fund;Z	7.43 %
T Rowe Price Overseas Stock Fund;Z	6.63 %
T Rowe Price International Value	5.76 %
T Rowe Price International Stock	5.51 %
T Rowe Price Real Assets Fund;Z	5.07 %
T Rowe Price Mid-Cap Growth Fund;Z	3.24 %

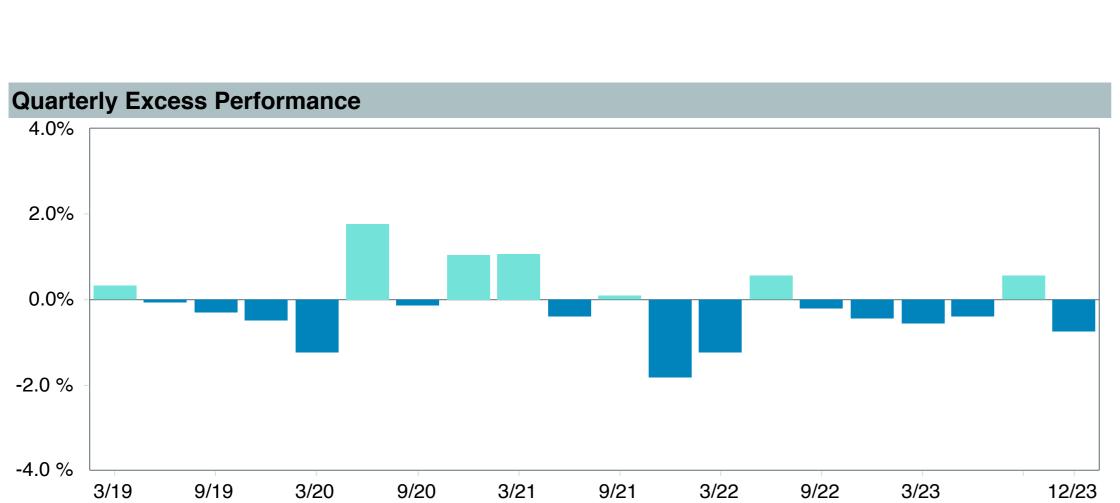




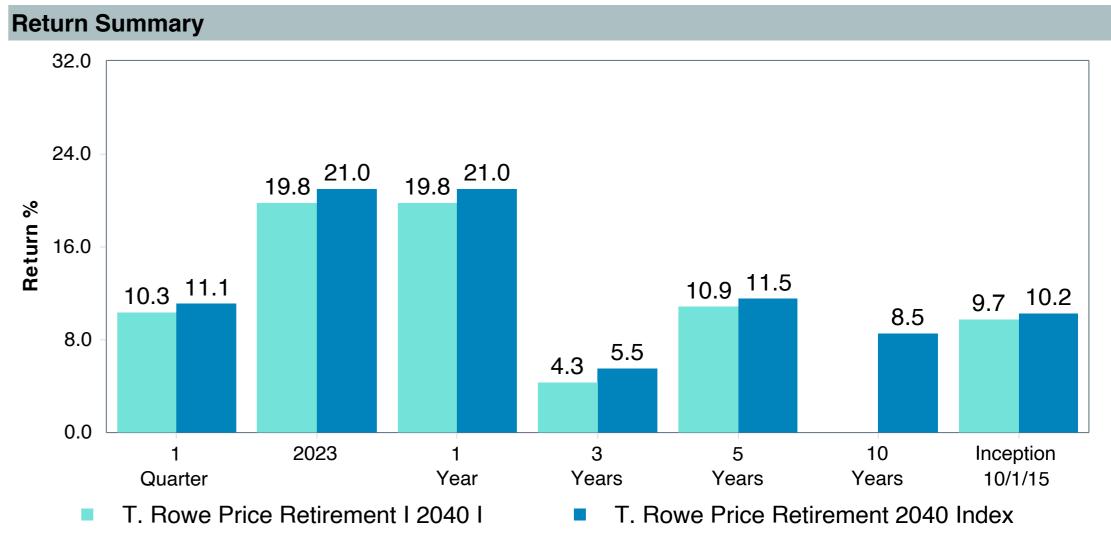
#### As of December 31, 2023

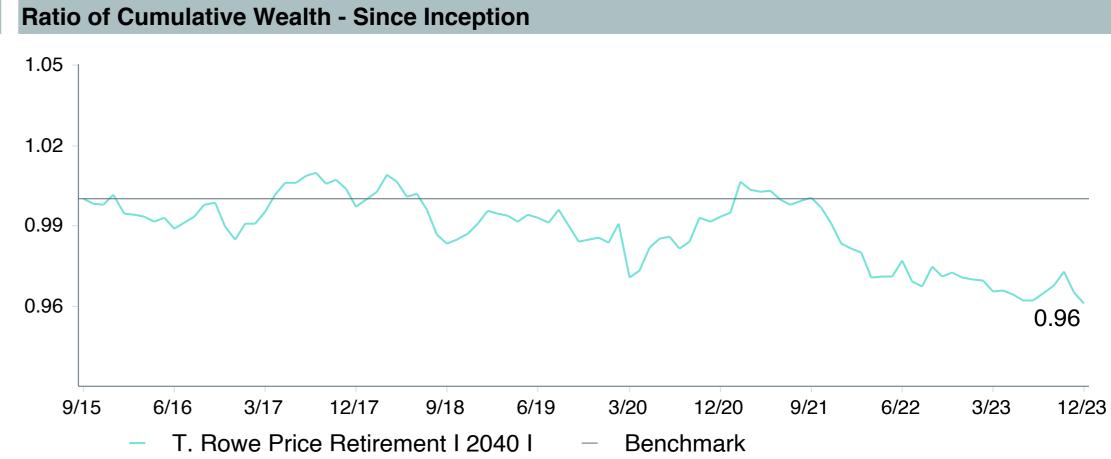
Quarterly Out Performance

Account Information		
Product Name :	T ROWE PRICE R:I2040;I (TRPDX)	
Fund Family:	T. Rowe Price	
Ticker:	TRPDX	
Peer Group:	IM Mixed-Asset Target 2040 (MF)	
Benchmark:	T. Rowe Price Retirement 2040 Index	
Fund Inception:	09/29/2015	
Portfolio Manager:	Team Managed	
Total Assets:	\$10,189.30 Million	
Total Assets Date:	01/31/2024	
Gross Expense:	0.43%	
Net Expense:	0.43%	
Turnover:	22%	

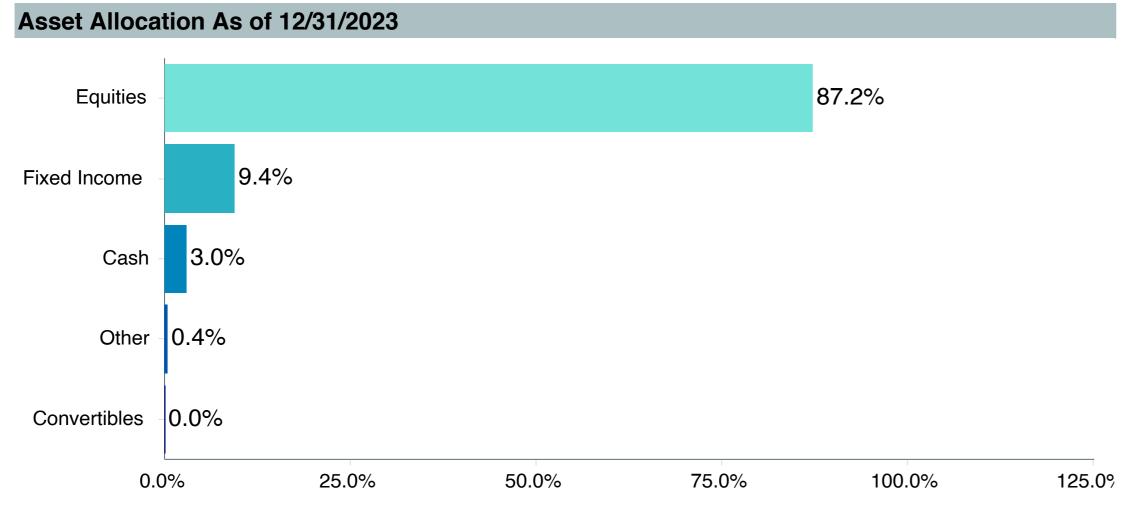


Quarterly Under Performance



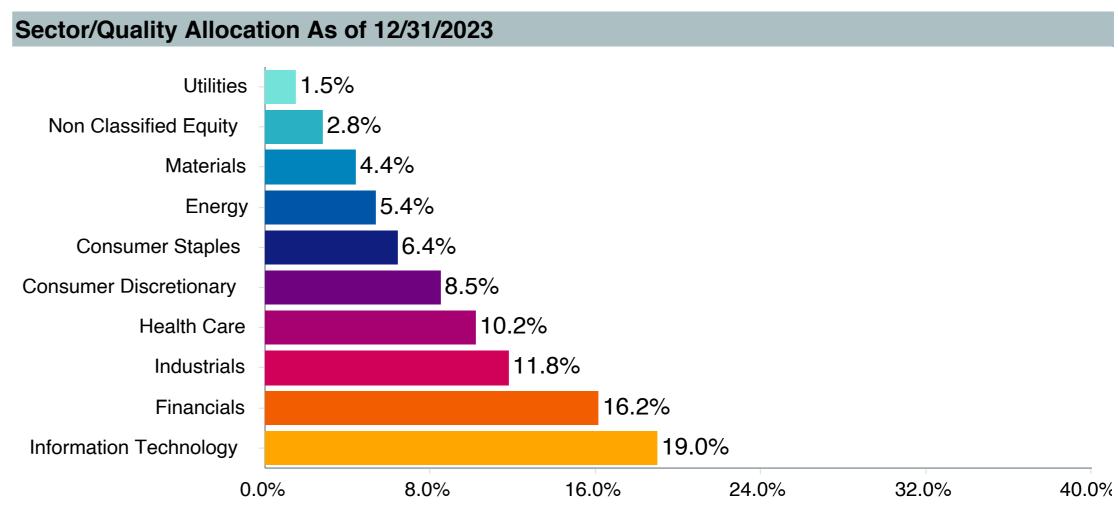






Fund Characteristics	As of 12/31/2023
Total Securities	29
Avg. Market Cap	\$284,019.29 Million
P/E	24.15
P/B	5.81
Div. Yield	2.00%
Annual EPS	8.06
5Yr EPS	13.99
3Yr EPS Growth	16.48

13.94 %
13.86 %
9.34 %
8.67 %
7.37 %
6.40 %
6.13 %
5.64 %
3.65 %
3.60 %

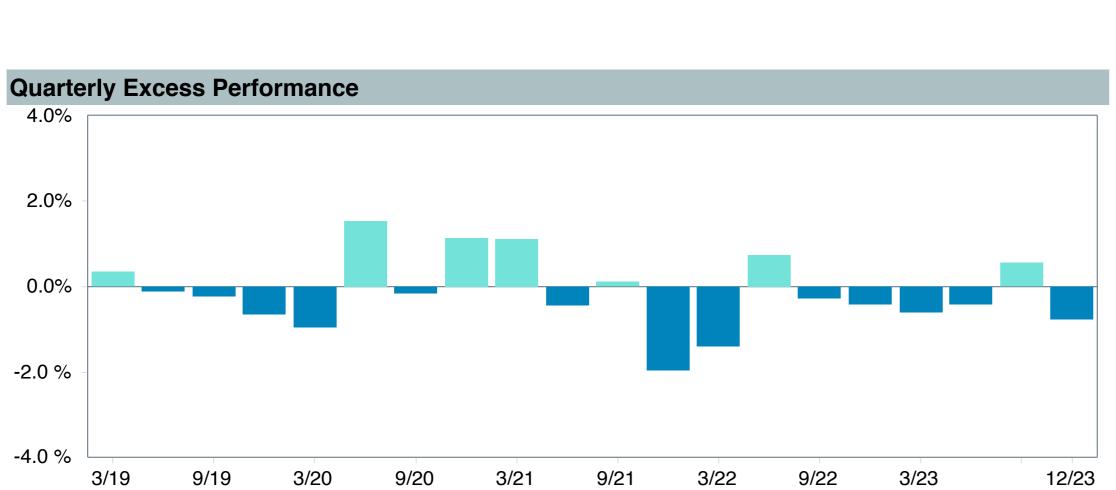




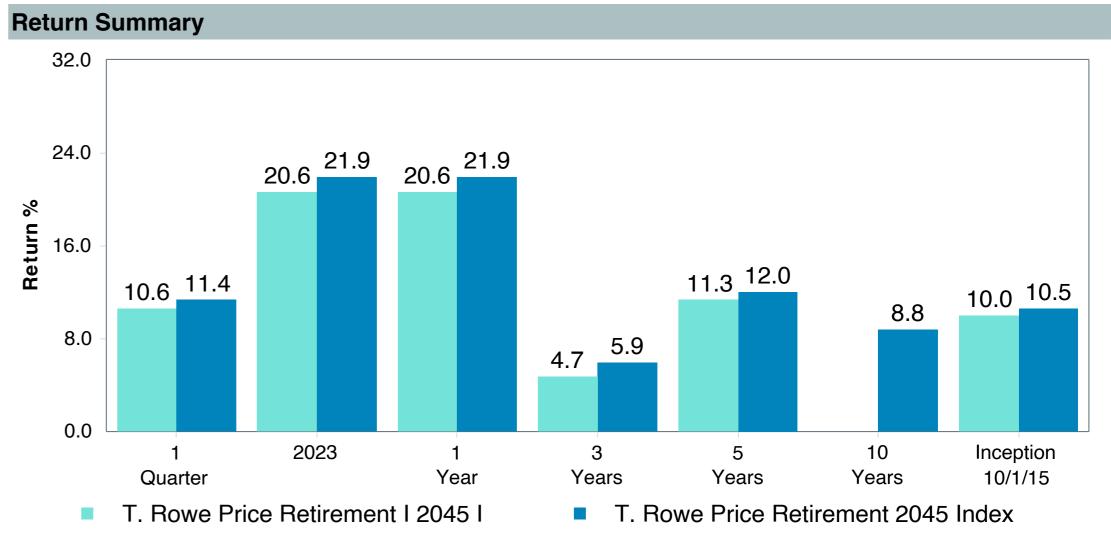
### As of December 31, 2023

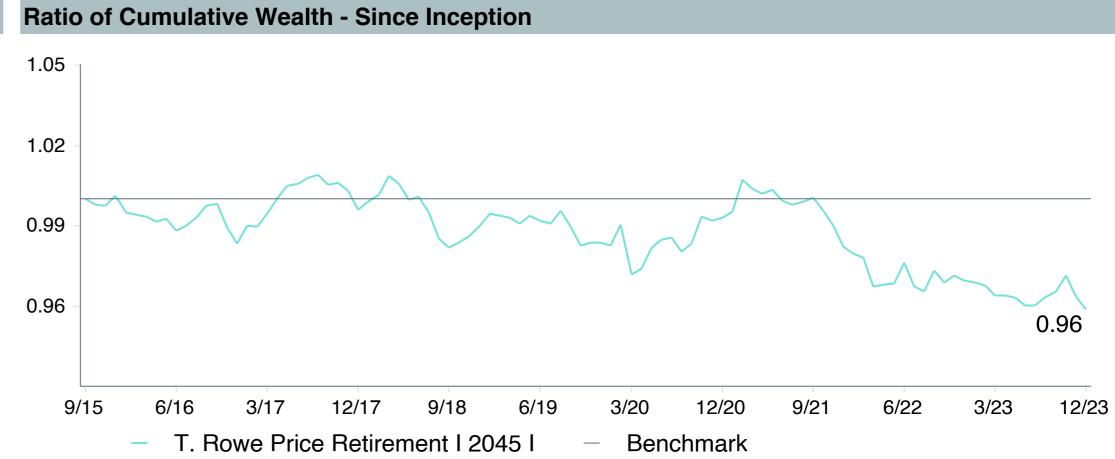
Quarterly Out Performance

Account Information	
Product Name :	T ROWE PRICE R:I2045;I (TRPKX)
Fund Family:	T. Rowe Price
Ticker:	TRPKX
Peer Group:	IM Mixed-Asset Target 2045 (MF)
Benchmark:	T. Rowe Price Retirement 2045 Index
Fund Inception:	09/29/2015
Portfolio Manager:	Team Managed
Total Assets:	\$7,776.10 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.44%
Net Expense:	0.44%
Turnover:	23%

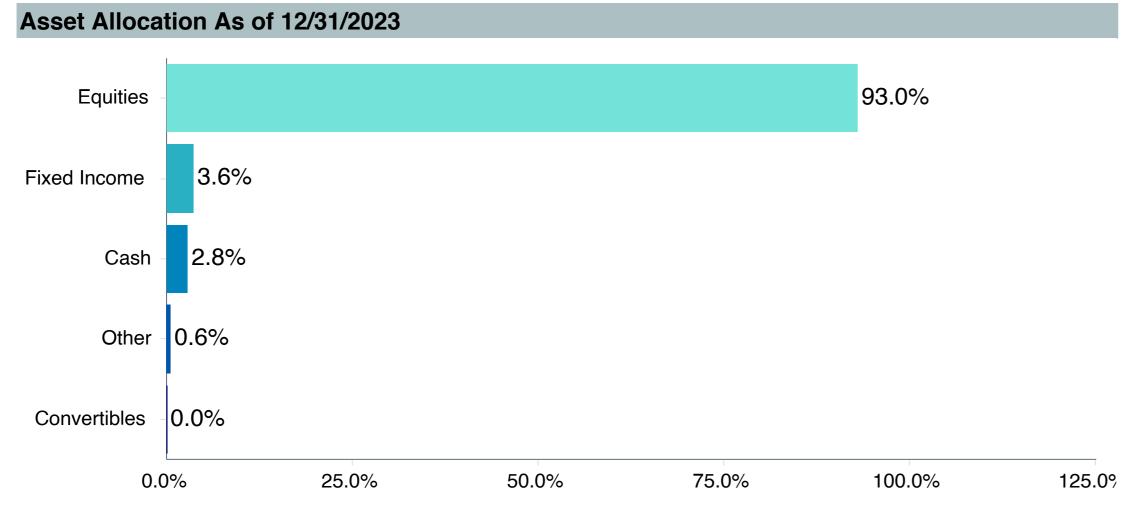


Quarterly Under Performance



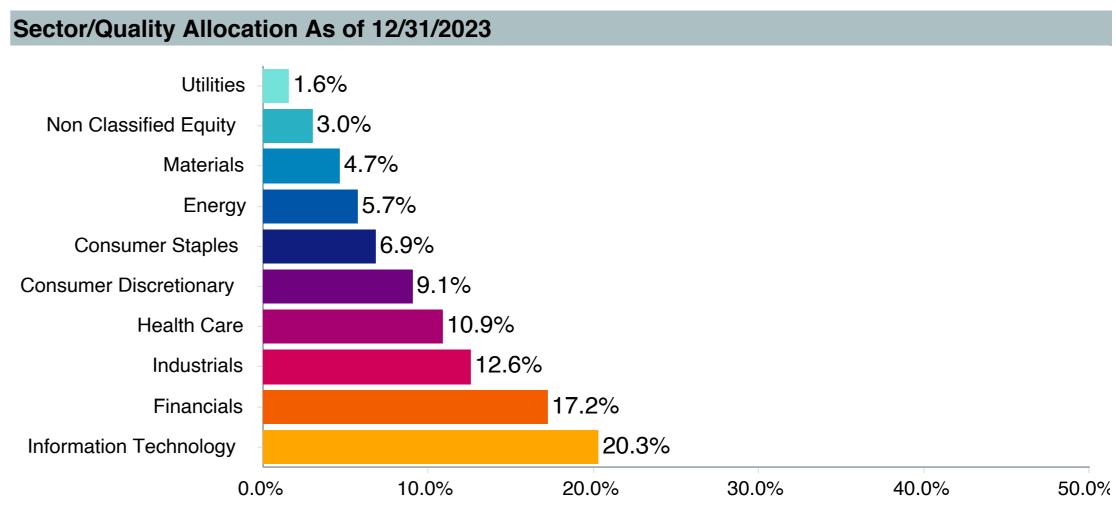






Fund Characteristic	s As of 12/31/2023	
Total Securities	24	
Avg. Market Cap	\$303,756.32 Million	
P/E	25.77	
P/B	6.20	
Div. Yield	2.13%	
Annual EPS	8.58	
5Yr EPS	14.93	
3Yr EPS Growth	17.58	

Top Ten Securities As of 12/31/2023	
T Rowe Price Value Fund;Z	14.87 %
T Rowe Price Growth Stock Fund;Z	14.81 %
T Rowe Price Equity Index 500 Fund;Z	10.07 %
T Rowe Price US Large-Cap Core	9.25 %
T Rowe Price Overseas Stock Fund;Z	7.86 %
T Rowe Price International Value	6.84 %
T Rowe Price International Stock 6.53 %	
T Rowe Price Real Assets Fund;Z 6.00 %	
T Rowe Price Mid-Cap Growth Fund;Z	3.83 %
T Rowe Price Mid-Cap Value Fund;Z	3.42 %

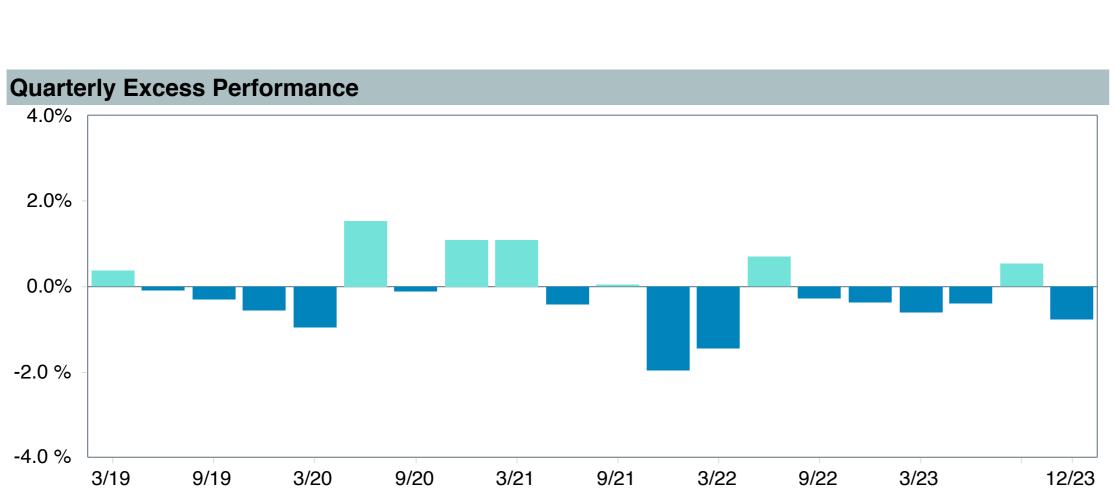




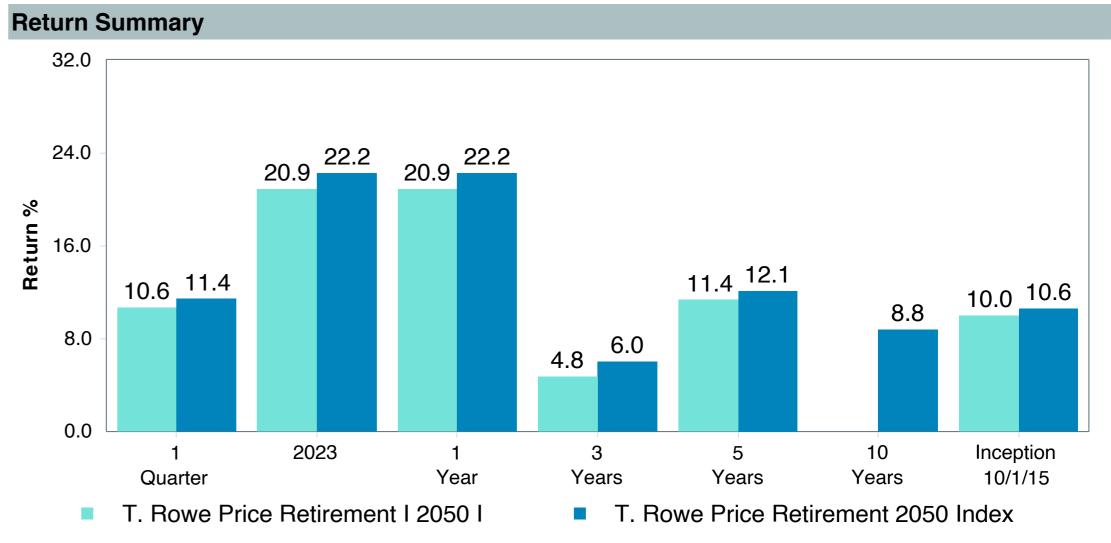
### As of December 31, 2023

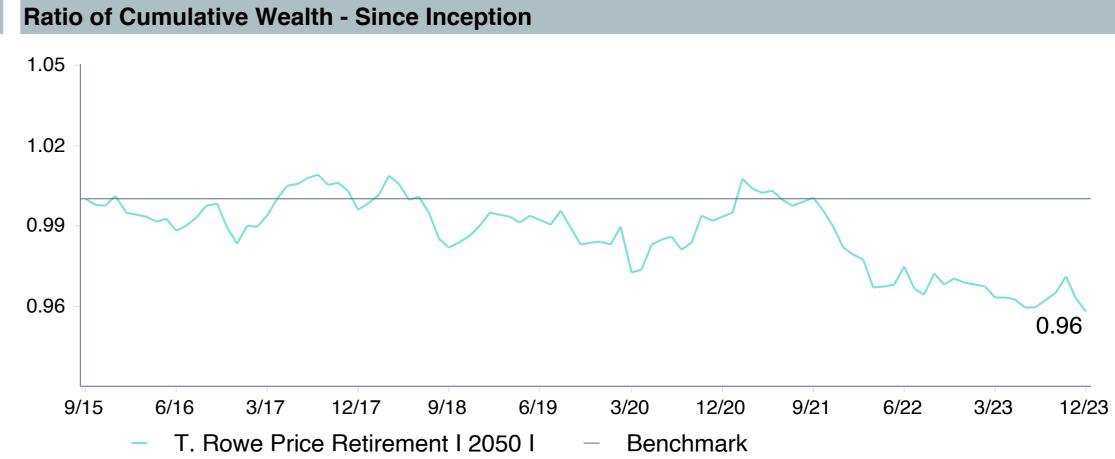
Quarterly Out Performance

Account Information	
Product Name :	T ROWE PRICE R:I2050;I (TRPMX)
Fund Family:	T. Rowe Price
Ticker:	TRPMX
Peer Group:	IM Mixed-Asset Target 2050 (MF)
Benchmark:	T. Rowe Price Retirement 2050 Index
Fund Inception:	09/29/2015
Portfolio Manager:	Team Managed
Total Assets:	\$7,419.50 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.45%
Net Expense:	0.45%
Turnover:	23%

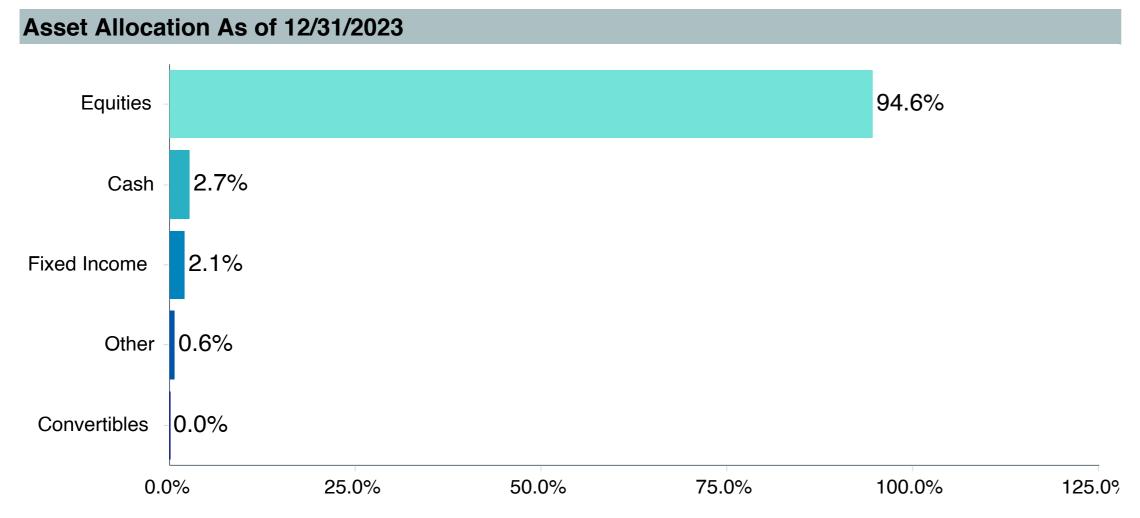


Quarterly Under Performance



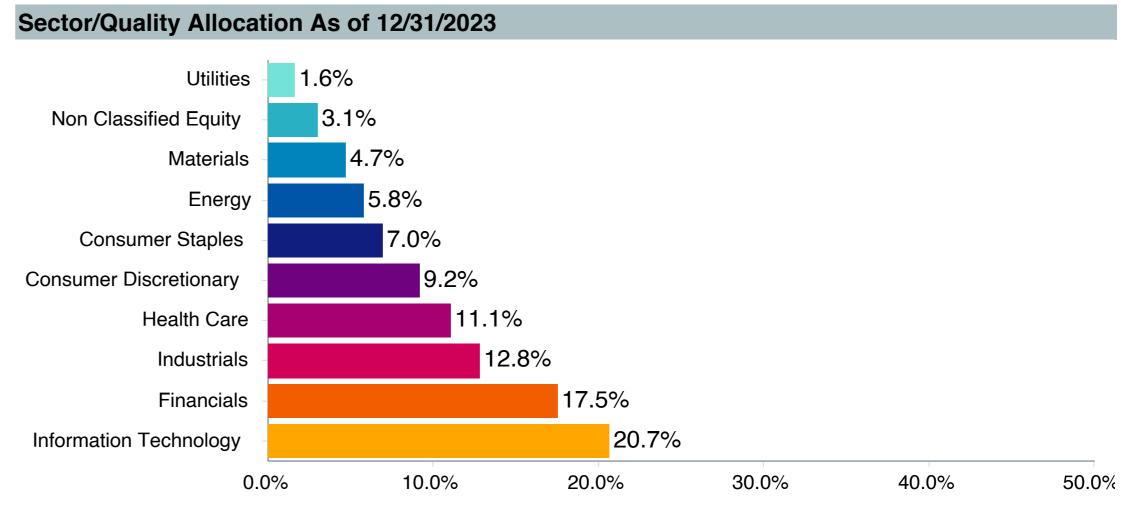






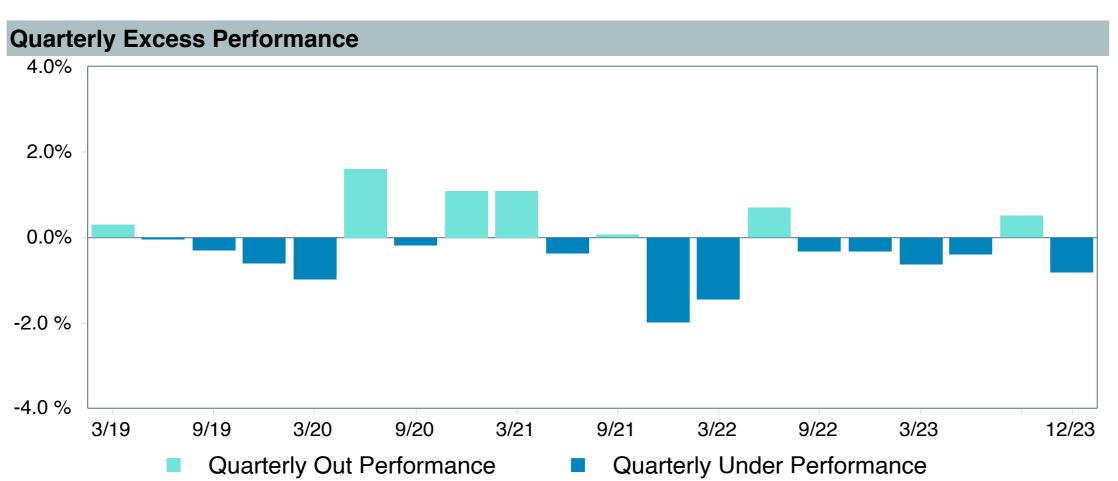
Fund Characteristic	s As of 12/31/2023	
Total Securities	24	
Avg. Market Cap	\$308,917.25 Million	
P/E	26.20	
P/B	6.31	
Div. Yield	2.17%	
Annual EPS	8.72	
5Yr EPS	15.18	
3Yr EPS Growth	17.88	

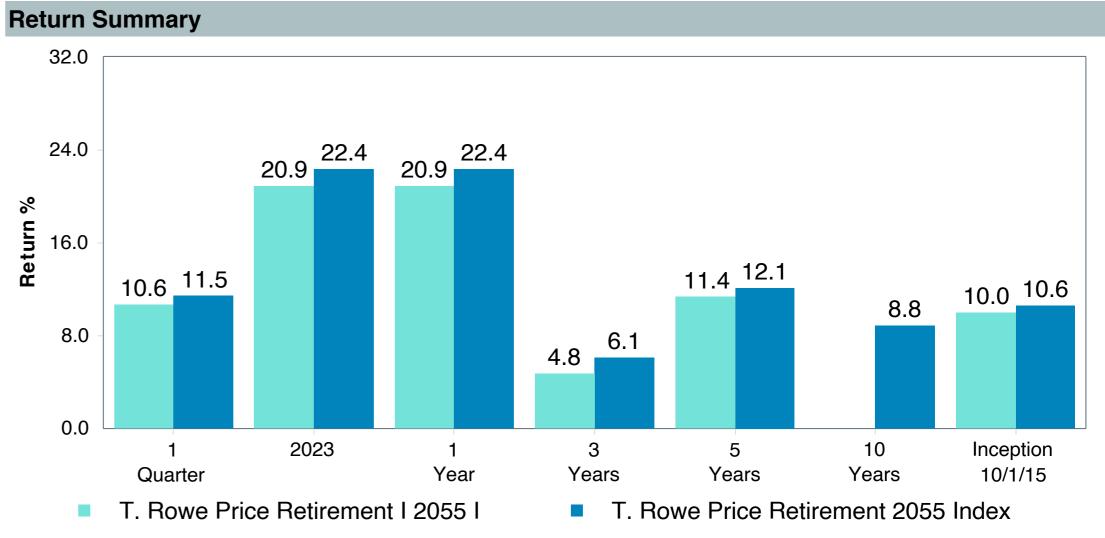
Top Ten Securities As of 12/31/2023	
T Rowe Price Value Fund;Z	15.13 %
T Rowe Price Growth Stock Fund;Z	15.08 %
T Rowe Price Equity Index 500 Fund;Z	10.21 %
T Rowe Price US Large-Cap Core	9.41 %
T Rowe Price Overseas Stock Fund;Z	8.00 %
T Rowe Price International Value	6.96 %
T Rowe Price International Stock 6.65 %	
T Rowe Price Real Assets Fund;Z 6.08 %	
T Rowe Price Mid-Cap Growth Fund;Z 3.89 %	
T Rowe Price Mid-Cap Value Fund;Z 3.48 %	

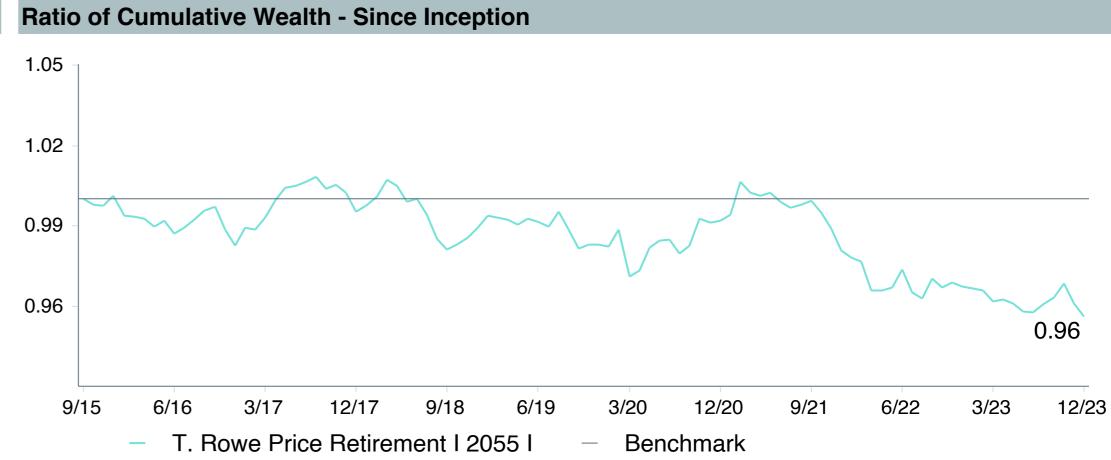




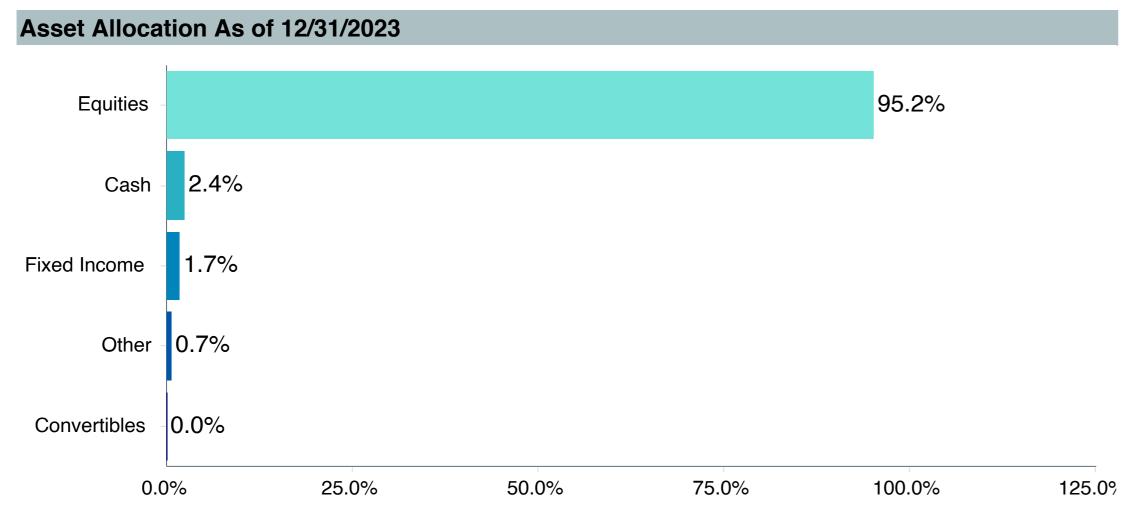
<b>Account Information</b>	on
Product Name:	T ROWE PRICE R:I2055;I (TRPNX)
Fund Family:	T. Rowe Price
Ticker:	TRPNX
Peer Group:	IM Mixed-Asset Target 2050 (MF)
Benchmark:	T. Rowe Price Retirement 2055 Index
Fund Inception:	09/29/2015
Portfolio Manager:	Team Managed
Total Assets:	\$4,742.20 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.46%
Net Expense:	0.46%
Turnover:	23%





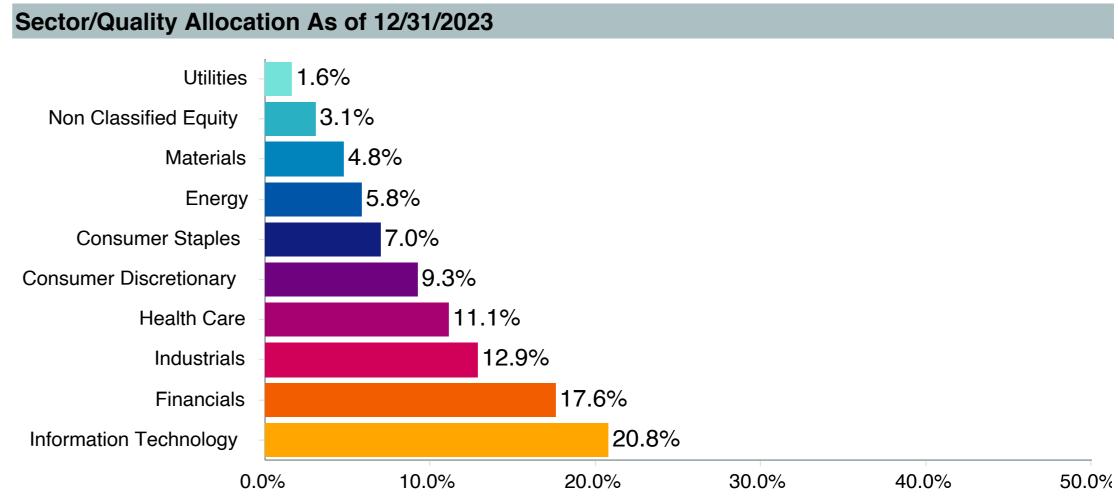






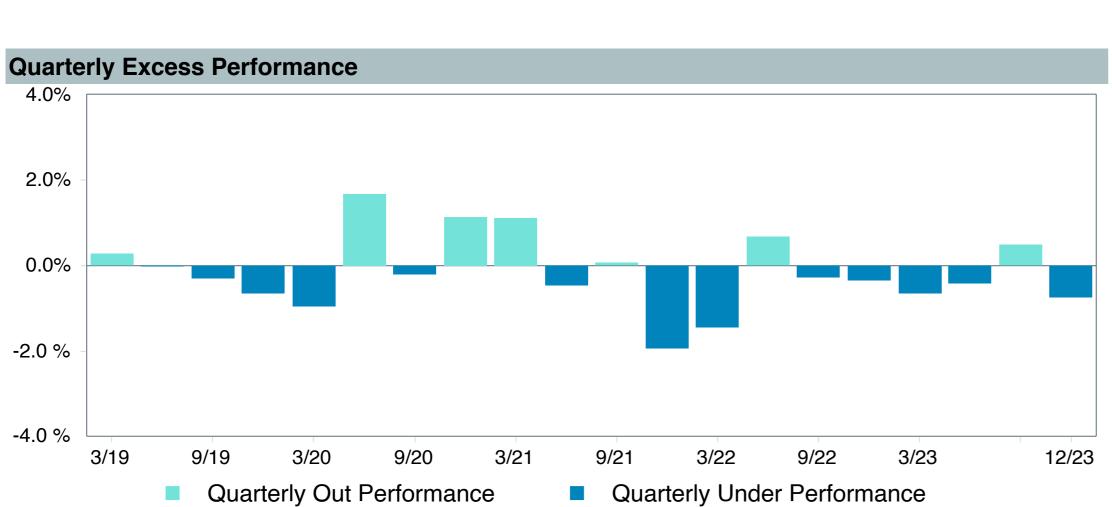
Fund Characteristics	As of 12/31/2023
Total Securities	24
Avg. Market Cap	\$311,518.14 Million
P/E	26.38
P/B	6.36
Div. Yield	2.18%
Annual EPS	8.76
5Yr EPS	15.27
3Yr EPS Growth	17.99

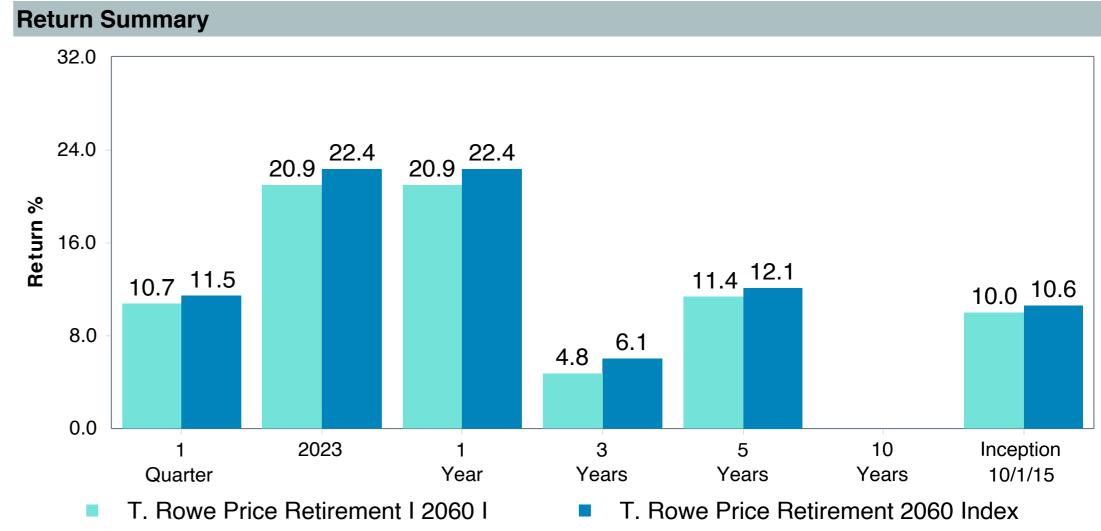
Top Ten Securities As of 12/31/2023	
T Rowe Price Growth Stock Fund;Z	15.23 %
T Rowe Price Value Fund;Z	15.22 %
T Rowe Price Equity Index 500 Fund;Z	10.33 %
T Rowe Price US Large-Cap Core	9.42 %
T Rowe Price Overseas Stock Fund;Z	8.04 %
T Rowe Price International Value	7.01 %
T Rowe Price International Stock 6.71 %	
T Rowe Price Real Assets Fund;Z	6.05 %
T Rowe Price Mid-Cap Growth Fund;Z	3.90 %
T Rowe Price Mid-Cap Value Fund;Z 3.50 %	

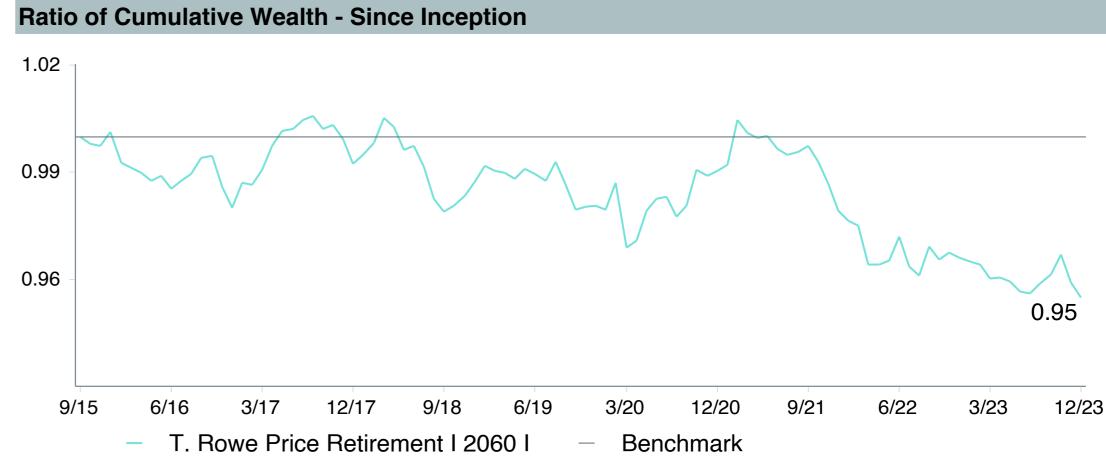




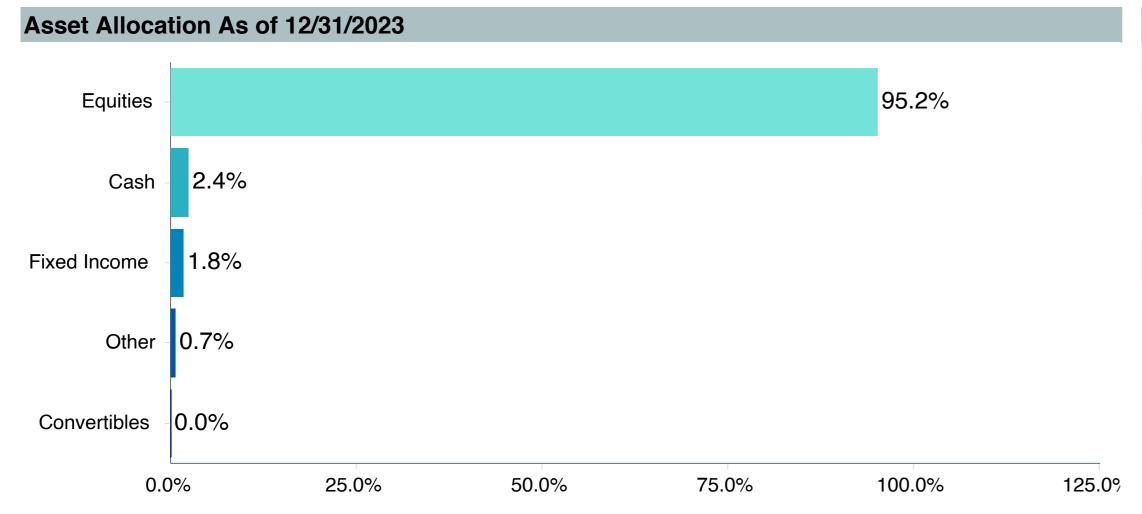
Account Information		
Product Name :	T ROWE PRICE R:I2060;I (TRPLX)	
Fund Family:	T. Rowe Price	
Ticker:	TRPLX	
Peer Group:	IM Mixed-Asset Target 2065+ (MF)	
Benchmark:	T. Rowe Price Retirement 2060 Index	
Fund Inception:	09/29/2015	
Portfolio Manager:	Team Managed	
Total Assets:	\$2,487.10 Million	
Total Assets Date:	01/31/2024	
Gross Expense:	0.46%	
Net Expense:	0.46%	
Turnover:	23%	





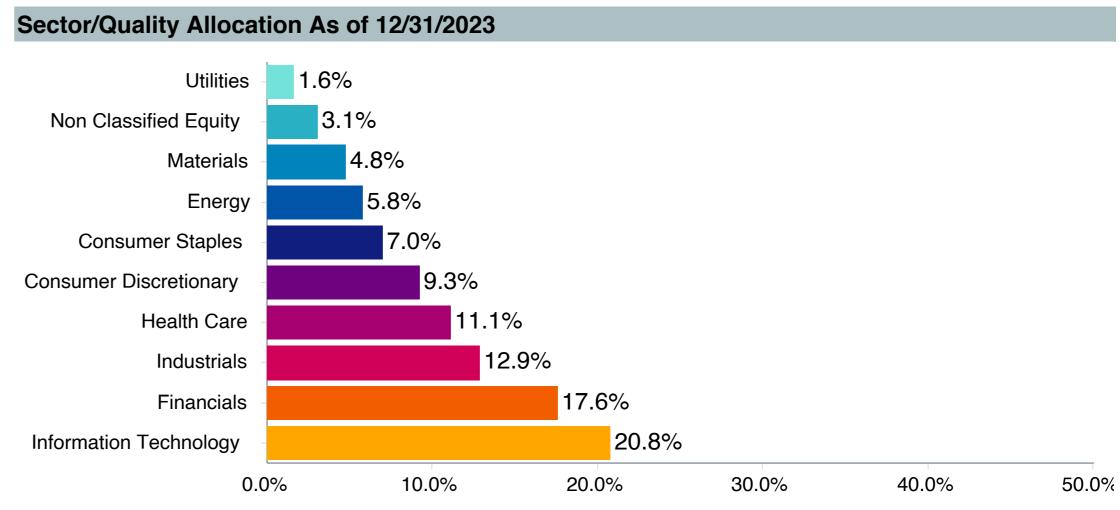






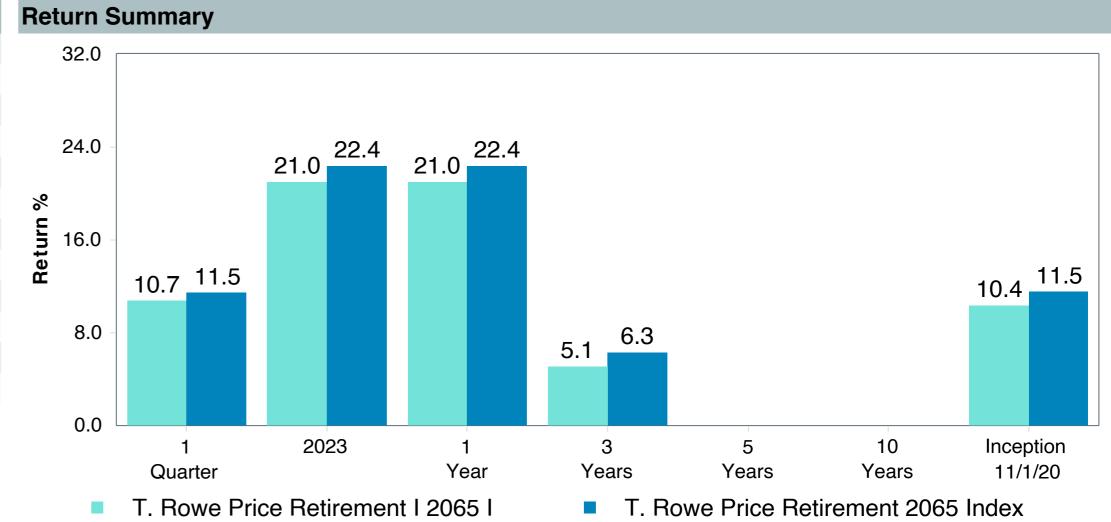
Fund Characteristic	es As of 12/31/2023
Total Securities	24
Avg. Market Cap	\$311,198.40 Million
P/E	26.37
P/B	6.35
Div. Yield	2.18%
Annual EPS	8.76
5Yr EPS	15.27
3Yr EPS Growth	17.98

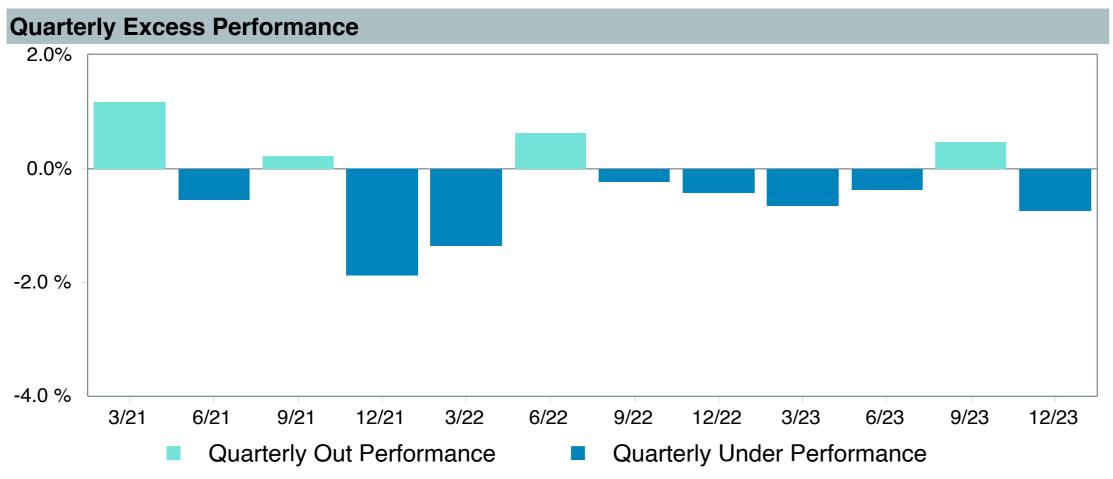
Top Ten Securities As of 12/31/2023	
T Rowe Price Growth Stock Fund;Z	15.23 %
T Rowe Price Value Fund;Z	15.21 %
T Rowe Price Equity Index 500 Fund;Z	10.28 %
T Rowe Price US Large-Cap Core	9.42 %
T Rowe Price Overseas Stock Fund;Z	8.03 %
T Rowe Price International Value	7.01 %
T Rowe Price International Stock	6.68 %
T Rowe Price Real Assets Fund;Z	6.05 %
T Rowe Price Mid-Cap Growth Fund;Z	3.90 %
T Rowe Price Mid-Cap Value Fund;Z	3.50 %

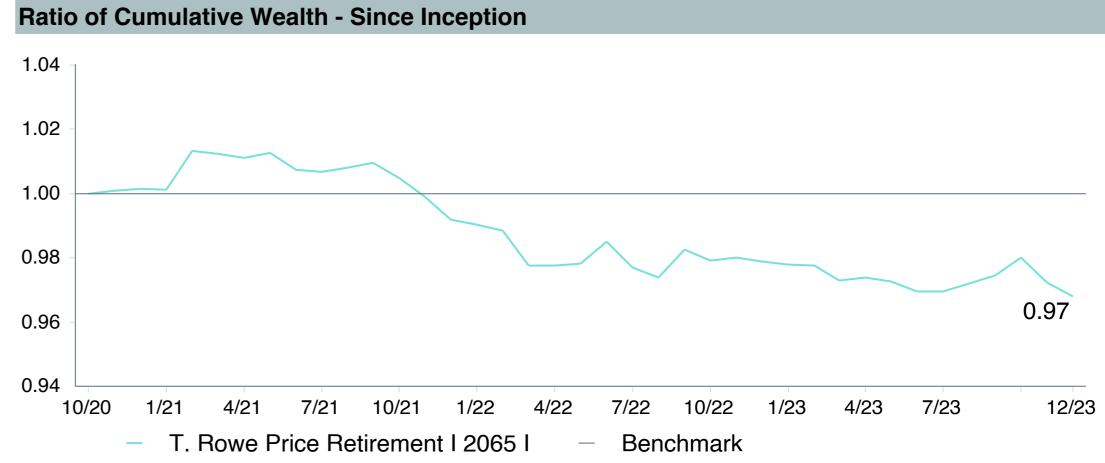




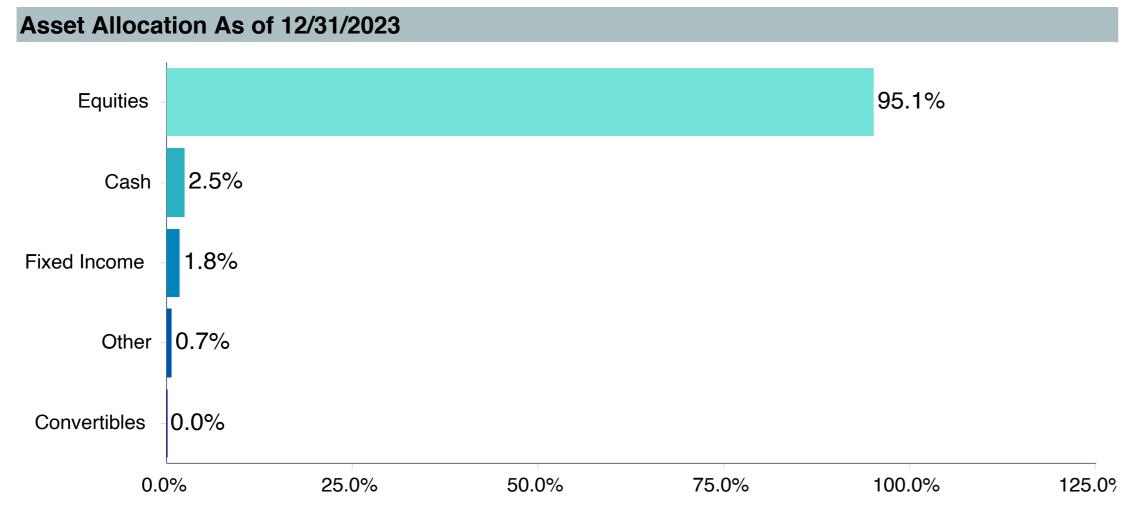
<b>Account Information</b>	on
Product Name:	T ROWE PRICE R:12065;I (TRFKX)
Fund Family:	T. Rowe Price
Ticker:	TRFKX
Peer Group:	IM Mixed-Asset Target 2065+ (MF)
Benchmark:	T. Rowe Price Retirement 2065 Index
Fund Inception:	10/13/2020
Portfolio Manager:	Team Managed
Total Assets:	\$370.80 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.46%
Net Expense:	0.46%
Turnover:	14%





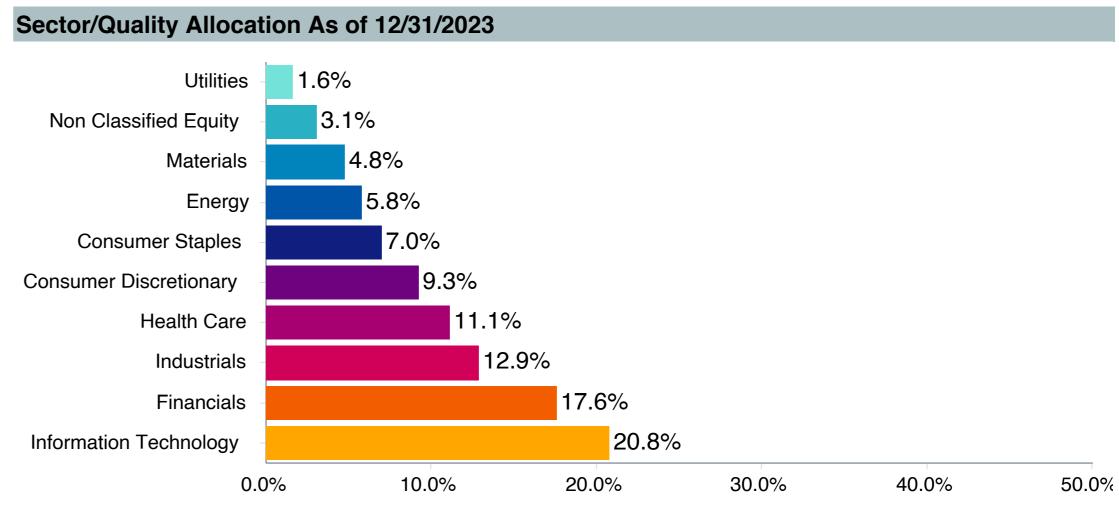






Fund Characteristics As of 12/31/2023					
24					
\$310,924.63 Million					
26.35					
6.35					
2.18%					
8.76					
15.25					
17.97					

Top Ten Securities As of 12/31/2023	
T Rowe Price Growth Stock Fund;Z	15.21 %
T Rowe Price Value Fund;Z	15.17 %
T Rowe Price Equity Index 500 Fund;Z	10.27 %
T Rowe Price US Large-Cap Core	9.43 %
T Rowe Price Overseas Stock Fund;Z	8.03 %
T Rowe Price International Value	7.01 %
T Rowe Price International Stock	6.69 %
T Rowe Price Real Assets Fund;Z	6.06 %
T Rowe Price Mid-Cap Growth Fund;Z	3.86 %
T Rowe Price Mid-Cap Value Fund;Z	3.51 %



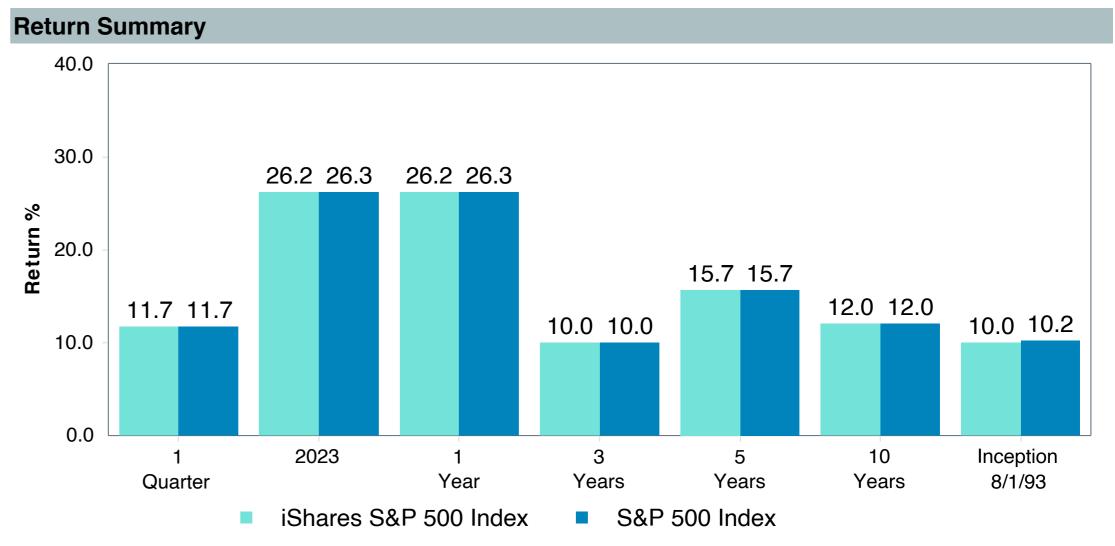


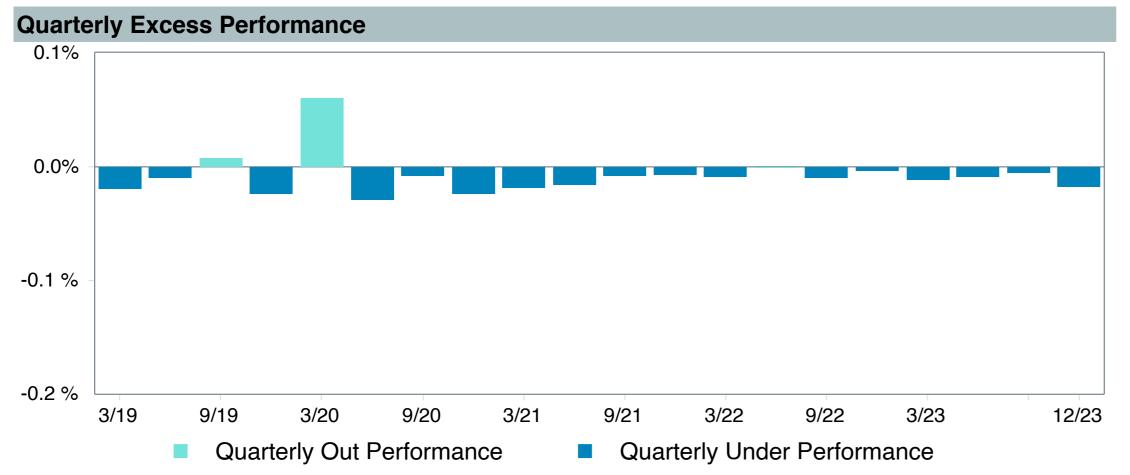
Tier II - Passive Funds

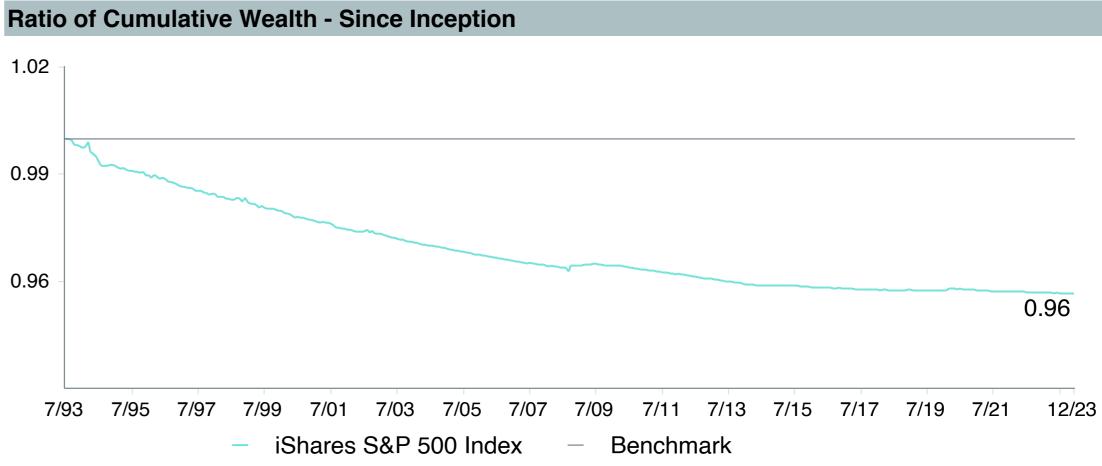




<b>Account Information</b>	on
Product Name:	BlackRock:IS S&P500K (WFSPX)
Fund Family:	BlackRock
Ticker:	WFSPX
Peer Group:	IM S&P 500 Index (MF)
Benchmark:	S&P 500 Index
Fund Inception:	07/02/1993
Portfolio Manager:	Hsui/Whitehead
Total Assets:	\$14,126.50 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.03%
Net Expense :	0.03%
Turnover:	13%

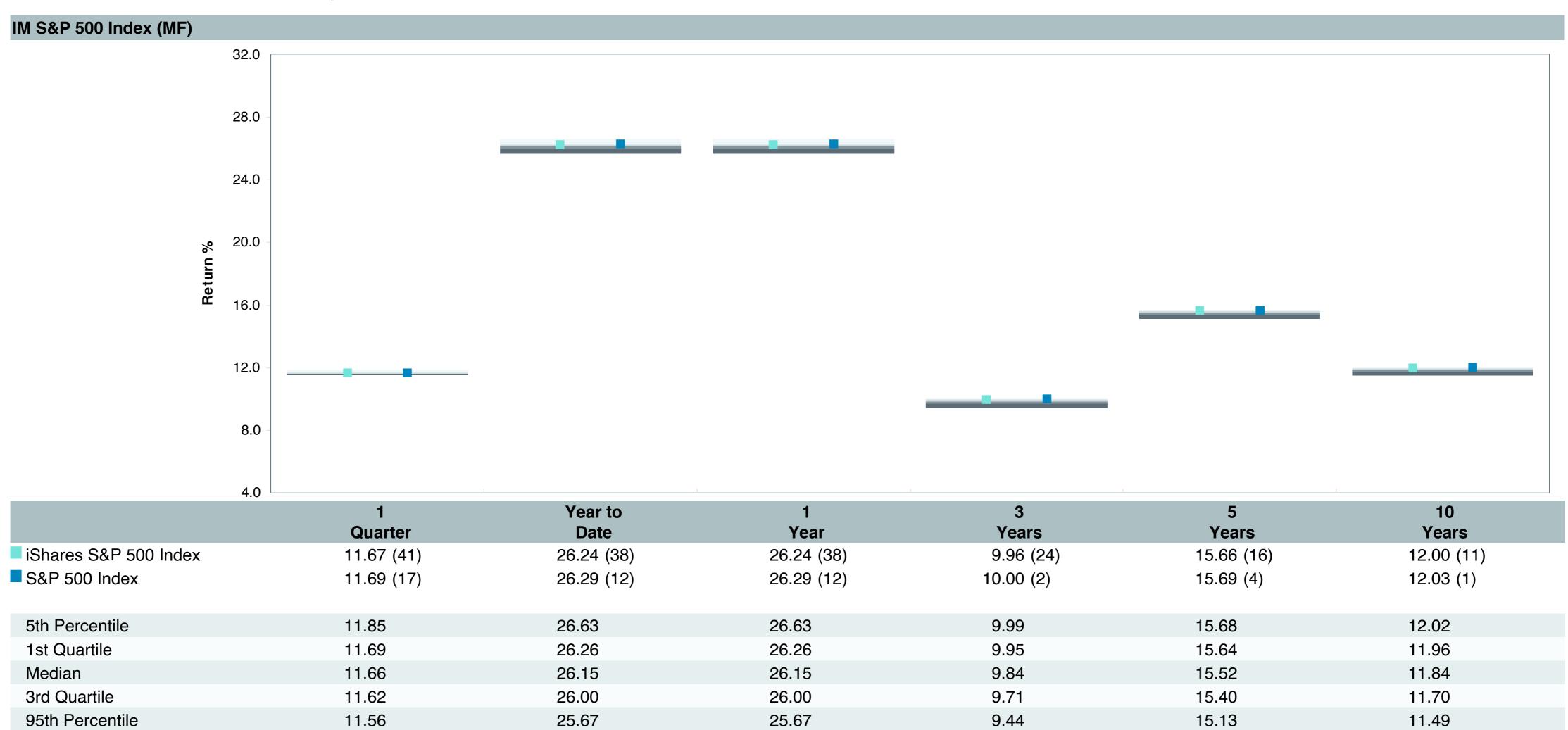






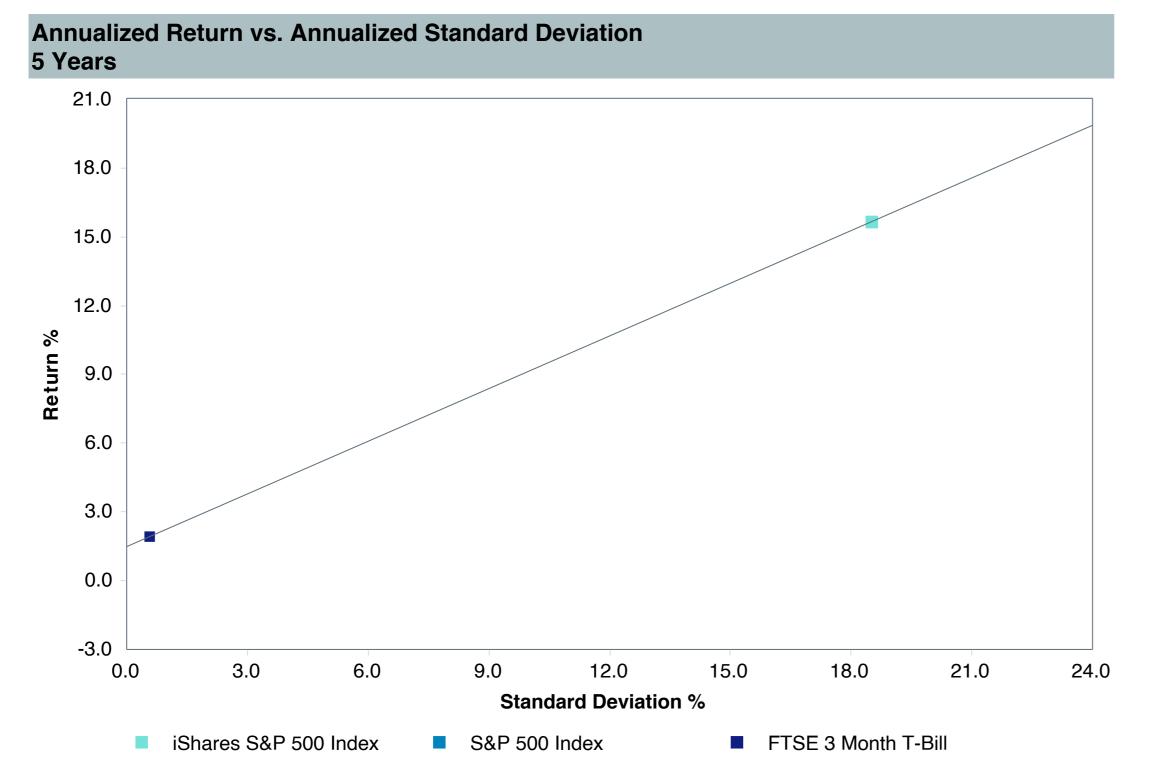


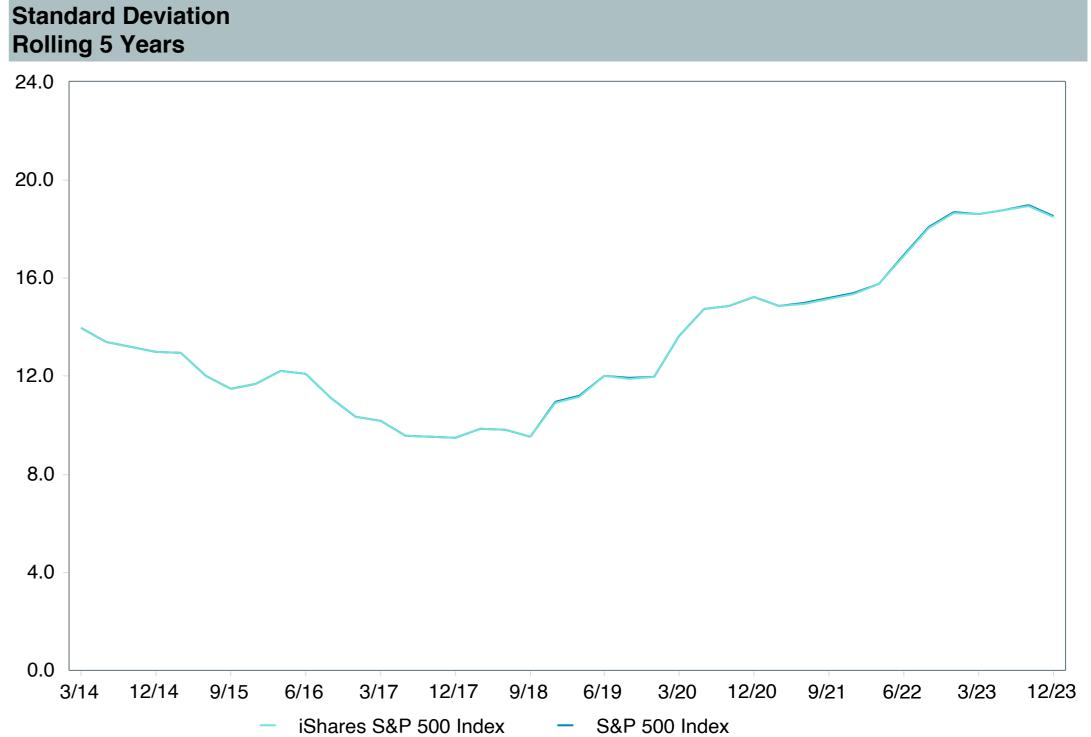
# Peer Group Analysis





## **Risk Profile**





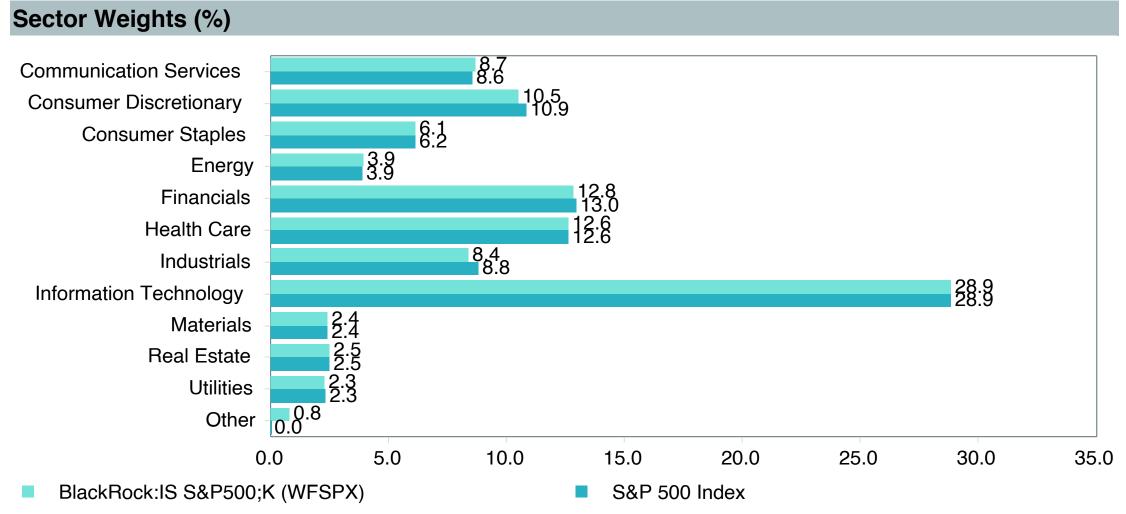
5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
iShares S&P 500 Index	-0.03	0.04	-0.76	1.00	0.78	-0.01	1.00	15.66	18.51	1.00
S&P 500 Index	0.00	0.00	-	1.00	0.78	0.00	1.00	15.69	18.52	1.00
FTSE 3 Month T-Bill	-14.46	18.52	-0.78	0.00	-	1.90	0.00	1.91	0.56	0.02

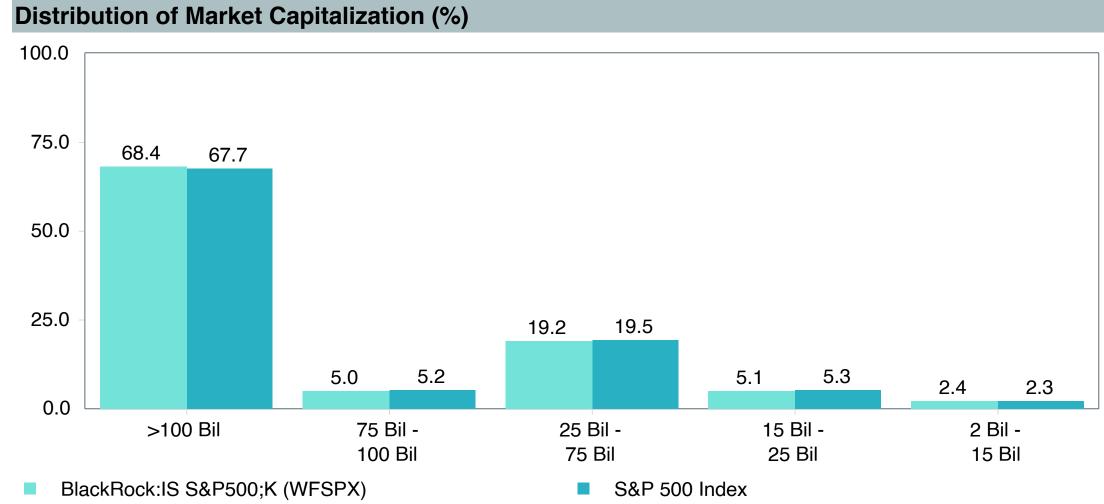


## **Portfolio Characteristics**

Portfolio Characteristics		
	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap (\$M)	717,957	714,085
Median Mkt. Cap (\$M)	33,069	33,545
Price/Earnings ratio	23.85	24.04
Price/Book ratio	4.40	4.44
5 Yr. EPS Growth Rate (%)	17.00	16.91
Current Yield (%)	1.51	1.50
Beta (5 Years, Monthly)	1.00	1.00
Number of Stocks	504	503

Top Ten Equity Holdings				
	Portfolio Weight %	Benchmark Weight %	Active Weight %	Quarterly Return %
Apple Inc	7.11	7.03	0.08	12.60
Microsoft Corp	6.98	6.98	0.00	19.34
Amazon.com Inc	3.39	3.45	-0.06	19.52
NVIDIA Corporation	3.06	3.06	0.00	13.86
Alphabet Inc	2.07	2.06	0.01	6.75
Meta Platforms Inc	1.95	1.96	-0.01	17.90
Alphabet Inc	1.80	1.75	0.05	6.89
Tesla Inc	1.67	1.72	-0.05	-0.70
Berkshire Hathaway Inc	1.59	1.62	-0.03	1.82
JPMorgan Chase & Co	1.24	1.23	0.01	18.16
% of Portfolio	30.86	30.86	0.00	





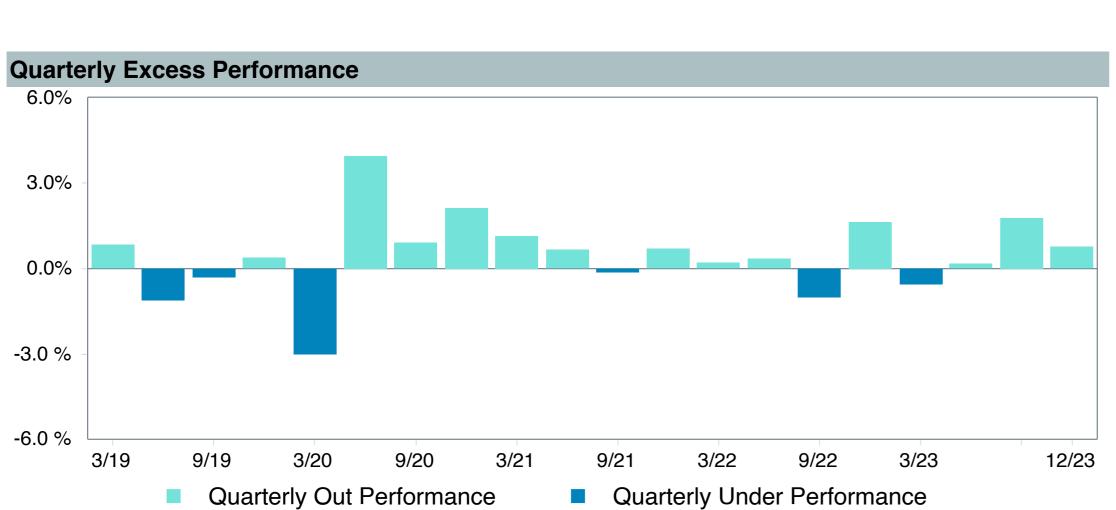


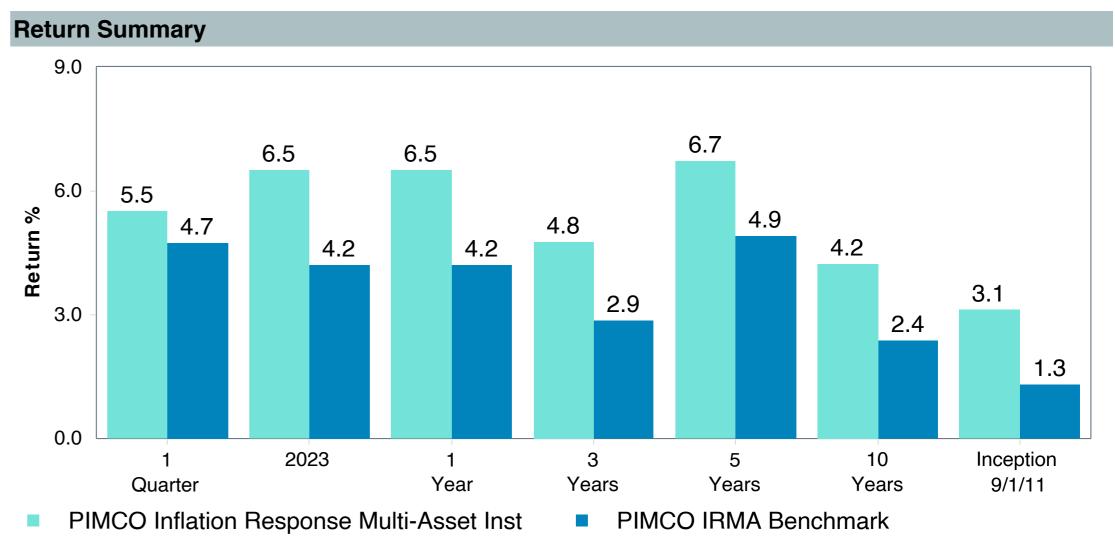
Tier III - Active Funds

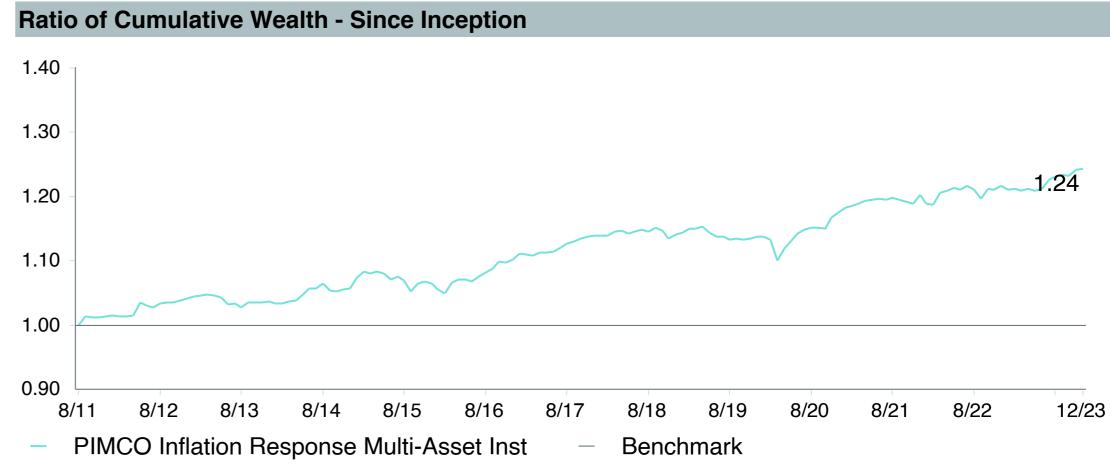




<b>Account Information</b>	on
Product Name :	PIMCO:Infl Rsp MA;Inst (PIRMX)
Fund Family:	PIMCO
Ticker:	PIRMX
Peer Group:	IM Flexible Portfolio (MF)
Benchmark:	PIMCO IRMA Benchmark
Fund Inception:	08/31/2011
Portfolio Manager:	Team Managed
Total Assets:	\$1,538.40 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.98%
Net Expense:	0.82%
Turnover:	130%

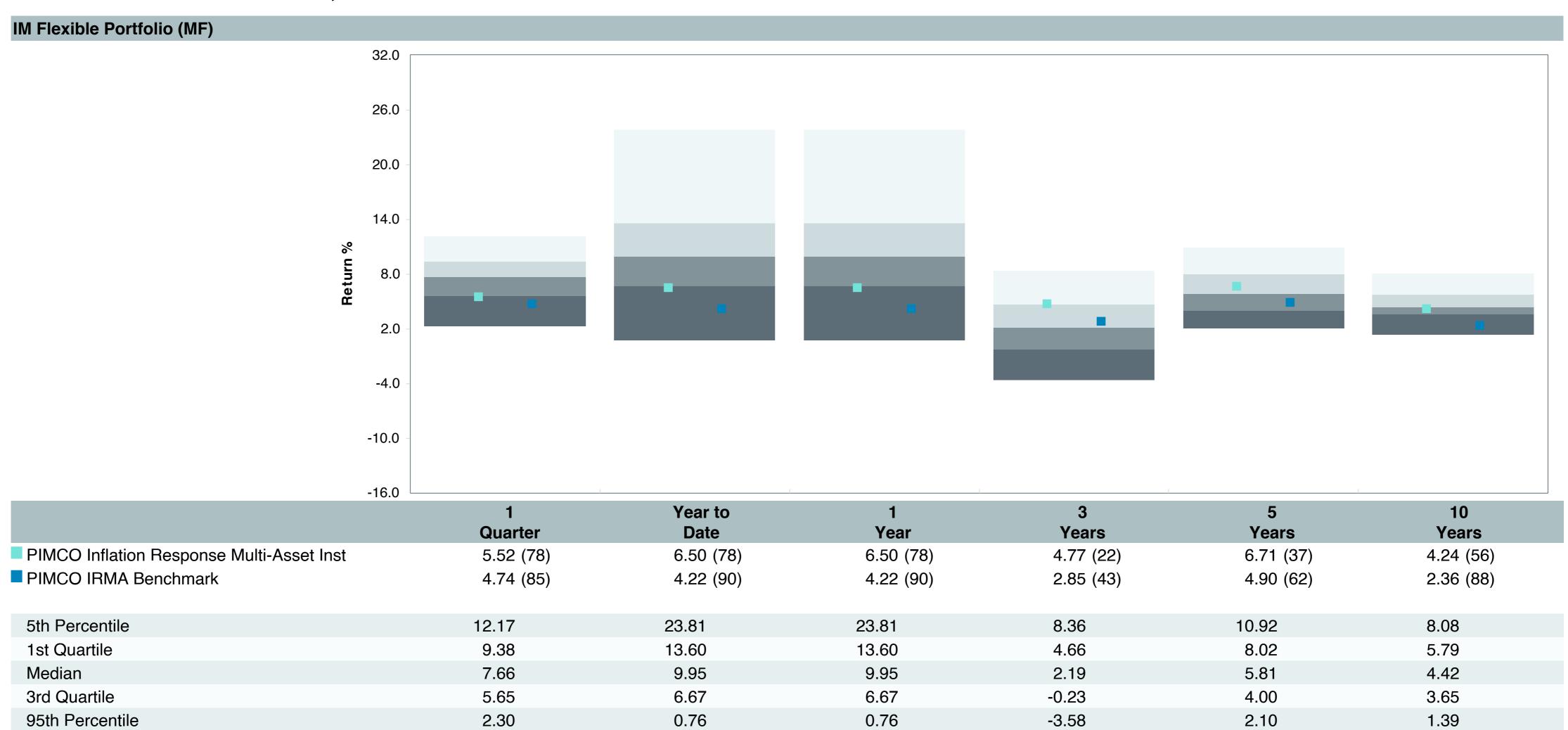






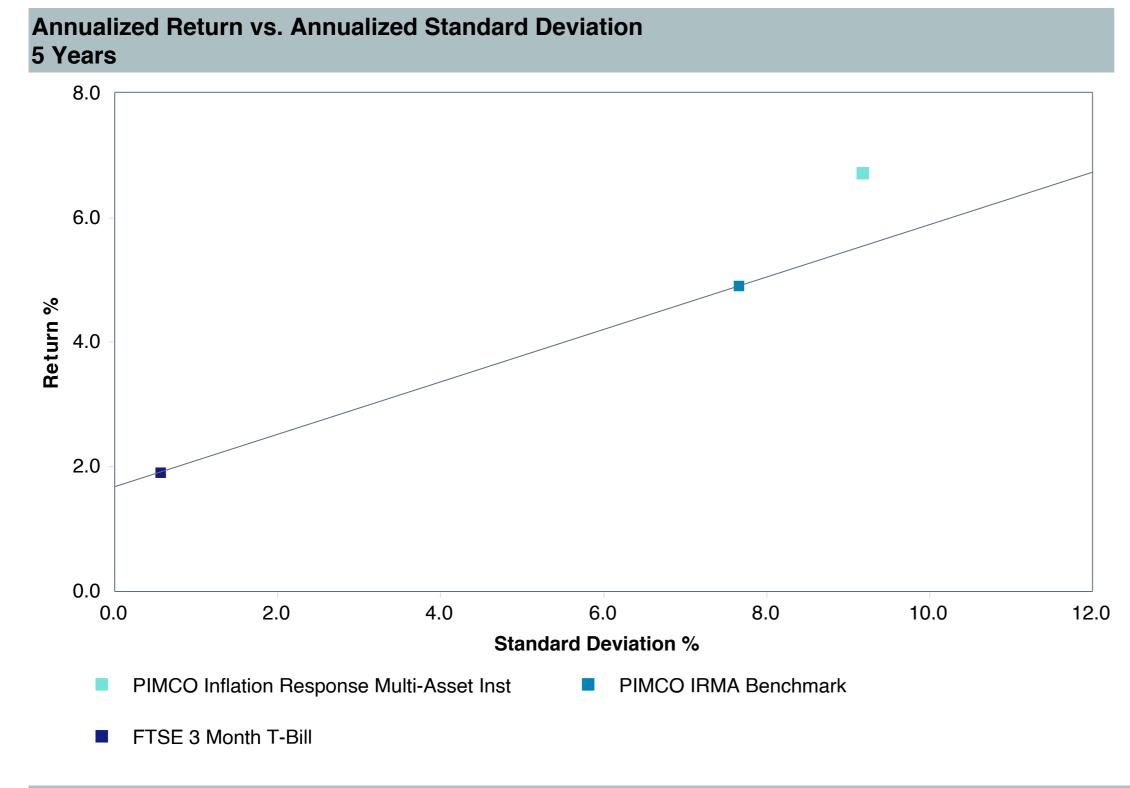


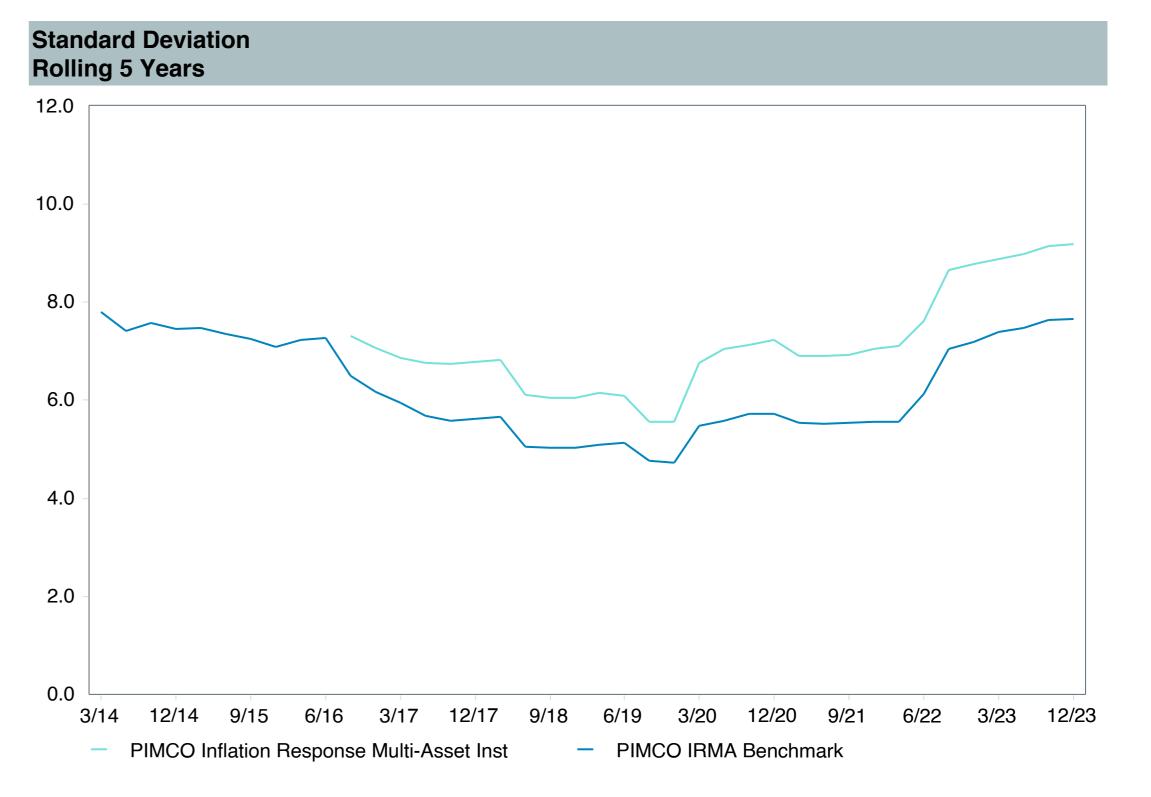
# Peer Group Analysis





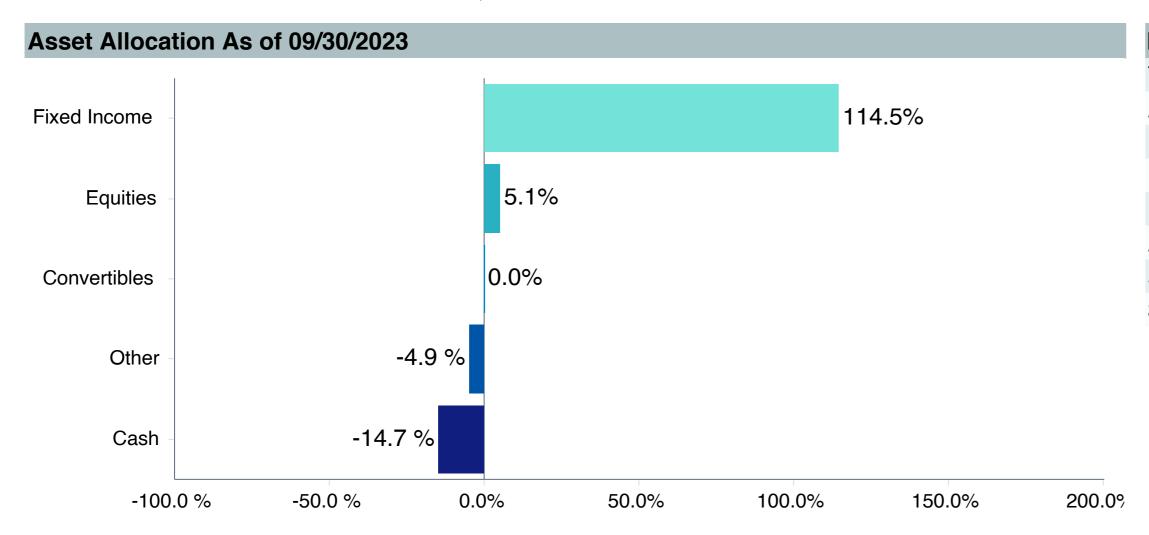
## **Risk Profile**





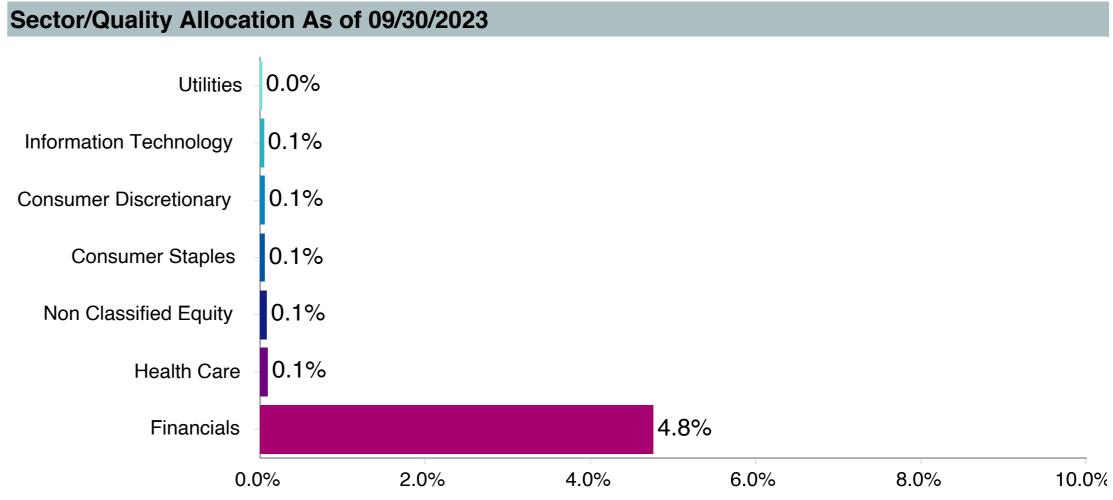
5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
PIMCO Inflation Response Multi-Asset Inst	1.85	2.47	0.75	0.95	0.55	1.00	1.17	6.71	9.19	0.97
PIMCO IRMA Benchmark	0.00	0.00	-	1.00	0.41	0.00	1.00	4.90	7.66	1.00
FTSE 3 Month T-Bill	-3.19	7.71	-0.41	0.00	-	1.94	0.00	1.91	0.56	-0.06





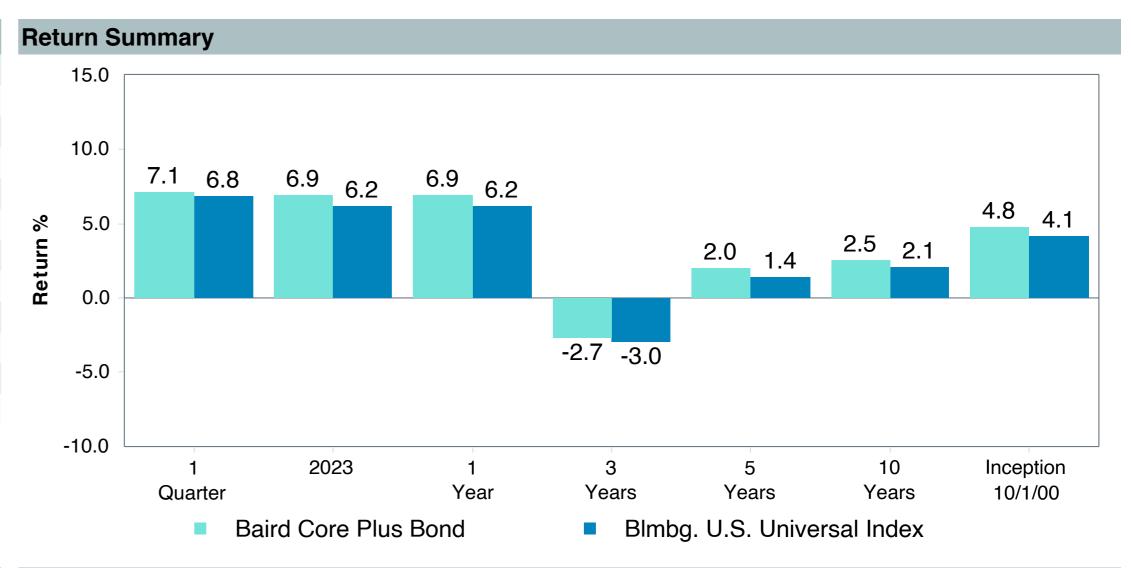
Fund Characteristic	cs As of 09/30/2023	
Total Securities	571	
Avg. Market Cap	\$32,634.33 Million	
P/E	32.76	
P/B	3.79	
Div. Yield	3.83%	
Annual EPS	26.51	
5Yr EPS	14.22	
3Yr EPS Growth	10.87	

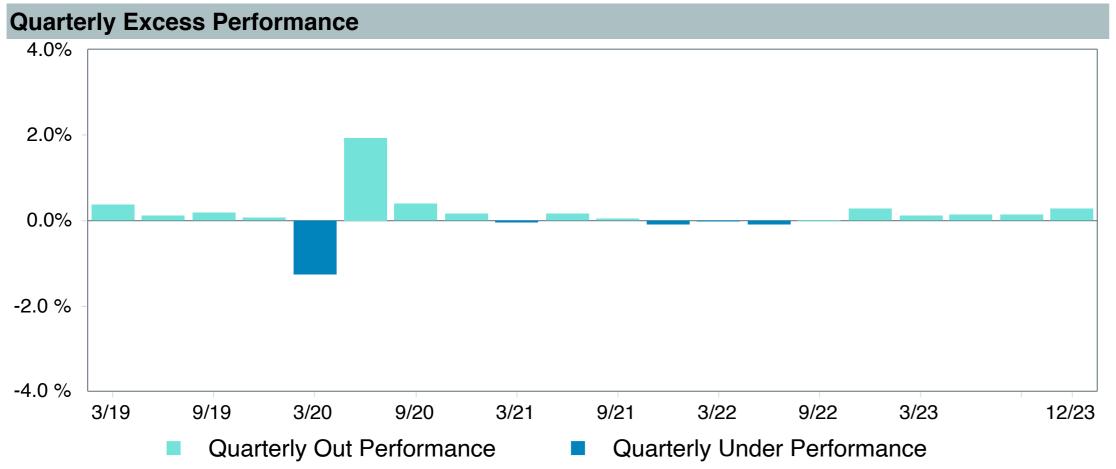
Top Ten Securities As of 09/30/2023	
PIMCO EM Currency and Sh-Tr Inv	5.95 %
Prologis Inc ORD	0.50 %
Equinix Inc ORD	0.39 %
Simon Property Group Inc ORD	0.24 %
Public Storage ORD	0.24 %
Digital Realty Trust Inc ORD	0.21 %
Invitation Homes Inc ORD	0.20 %
VICI Properties Inc ORD	0.19 %
Avalonbay Communities Inc ORD	0.18 %
American Homes 4 Rent ORD	0.14 %

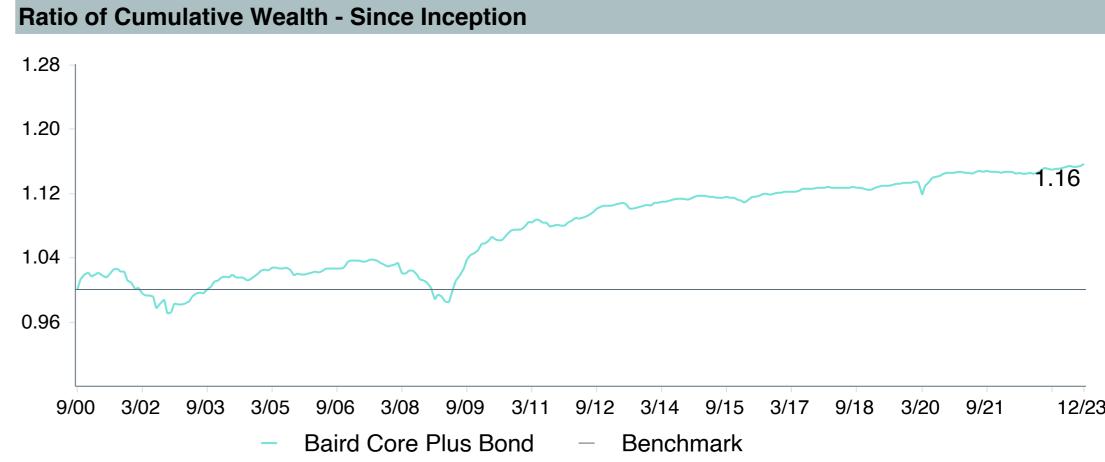




<b>Account Information</b>	on
Product Name :	Baird Core Plus Bd;Inst (BCOIX)
Fund Family:	Baird
Ticker:	BCOIX
Peer Group:	IM U.S. Broad Market Core+ Fixed Income (MF)
Benchmark:	Blmbg. U.S. Universal Index
Fund Inception:	09/29/2000
Portfolio Manager:	Team Managed
Total Assets:	\$27,043.50 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.30%
Net Expense:	0.30%
Turnover:	29%

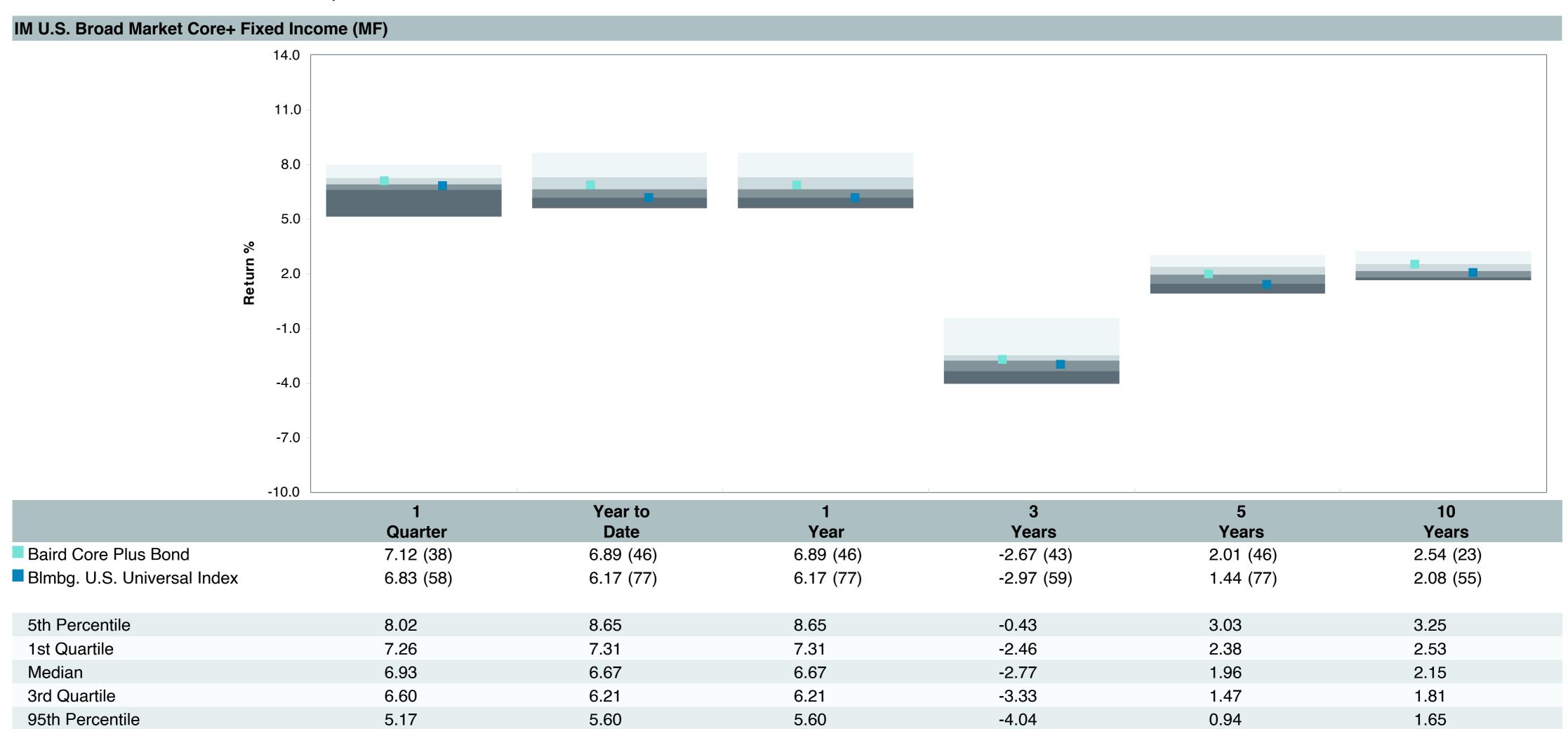






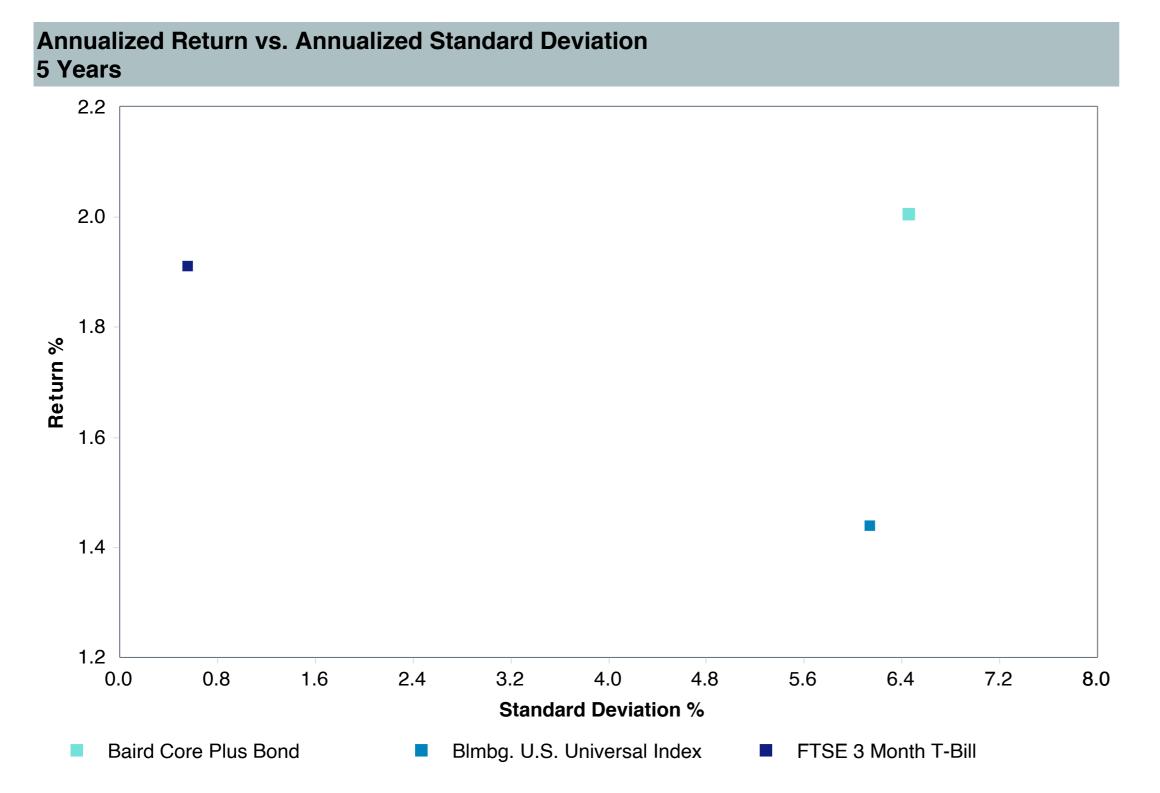


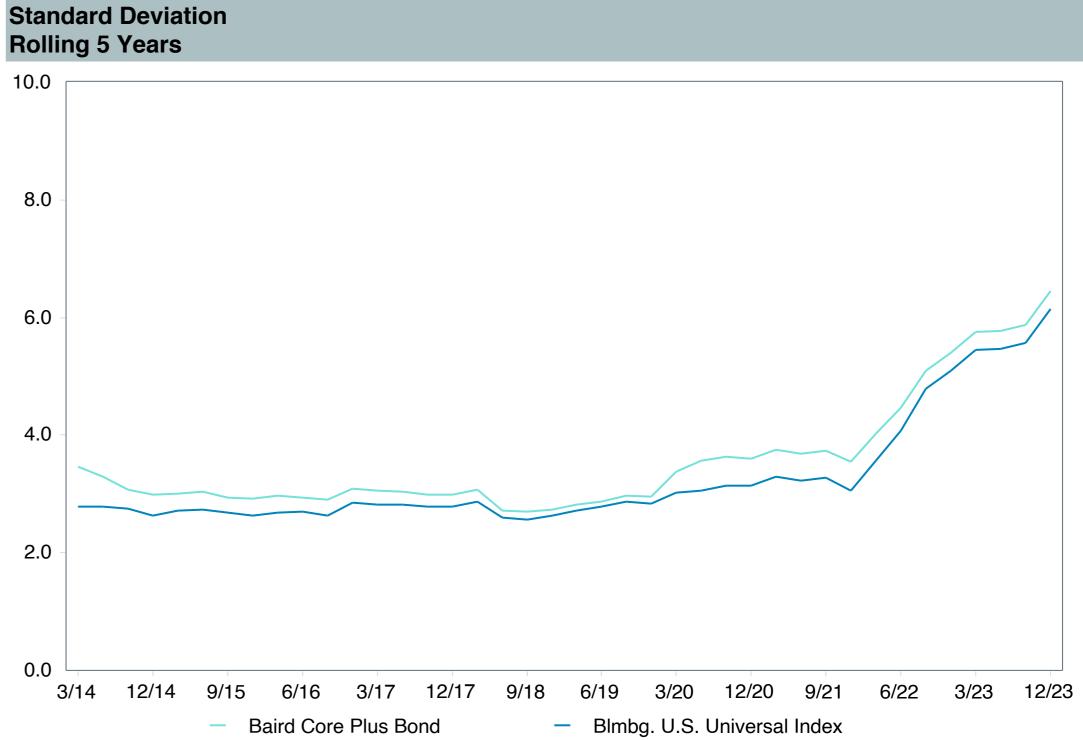
# Peer Group Analysis





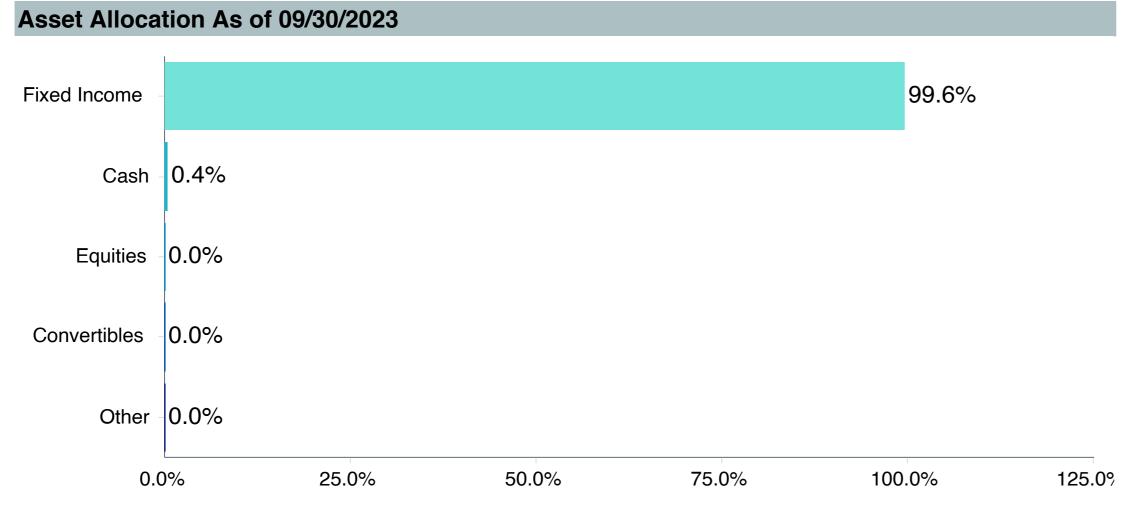
## **Risk Profile**





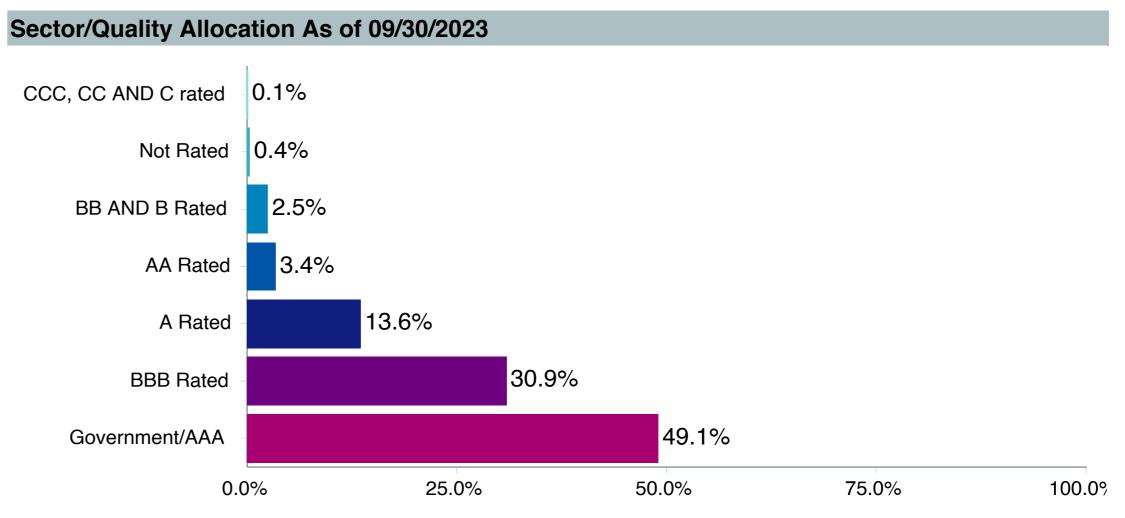
5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
Baird Core Plus Bond	0.58	0.87	0.66	0.98	0.05	0.51	1.04	2.01	6.46	0.99
Blmbg. U.S. Universal Index	0.00	0.00	-	1.00	-0.05	0.00	1.00	1.44	6.14	1.00
FTSE 3 Month T-Bill	0.28	6.06	0.05	0.03	-	1.89	0.02	1.91	0.56	0.19





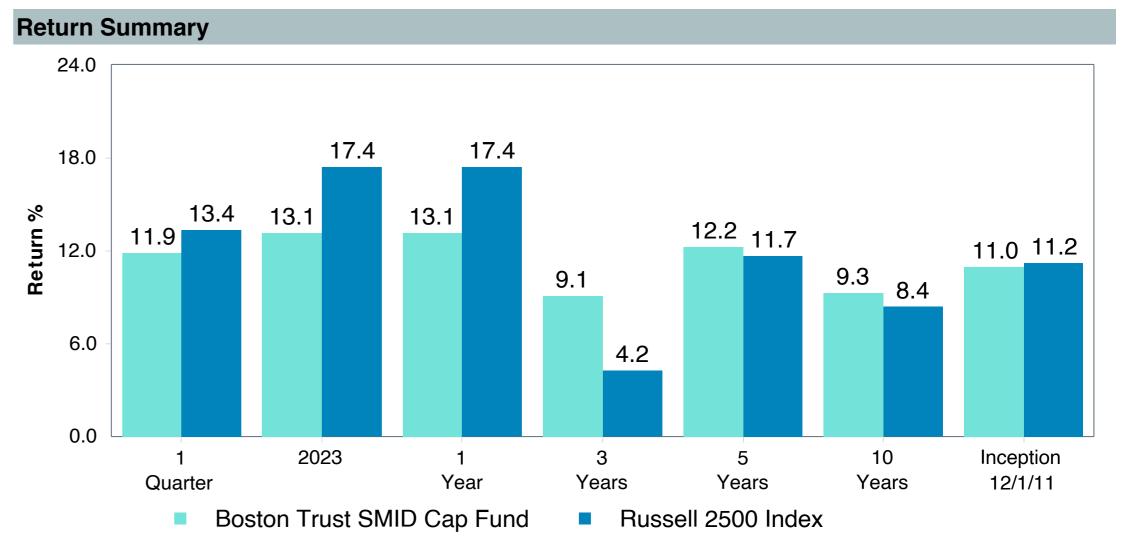
Fund Characteristics A	As of 09/30/2023
Avg. Coupon	-
Nominal Maturity	8.08 Years
Effective Maturity	-
Duration	5.91 Years
SEC 30 Day Yield	4.62
Avg. Credit Quality	AA

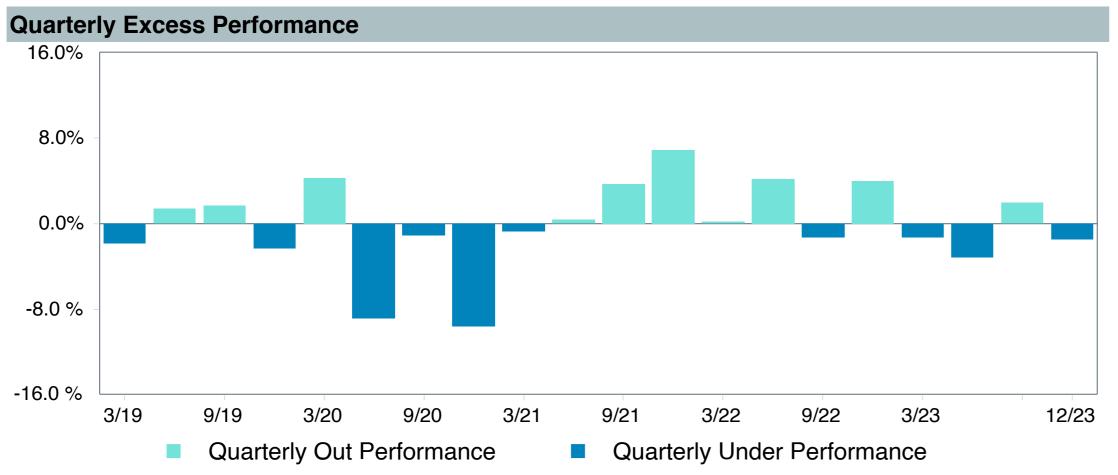
Top Ten Securities As of 09/30/2023	
Corporate Notes/Bonds	48.90 %
GNMA and Other Mtg Backed	30.50 %
Treasury Notes/Bonds	16.00 %
Asset Backed Securities	2.70 %
Government Agency Securities	1.50 %

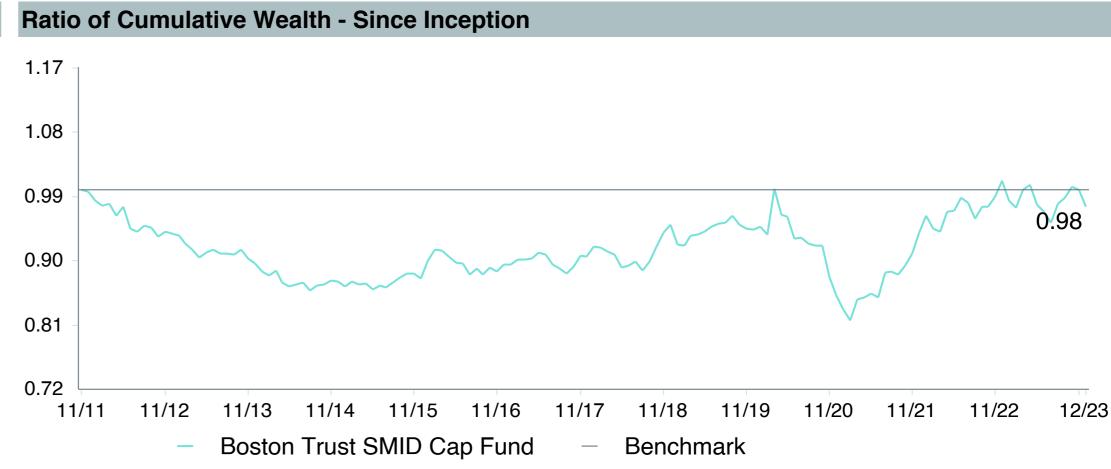




<b>Account Information</b>	on
Product Name:	Boston Trust SMID Cap (BTSMX)
Fund Family:	Boston Trust Walden
Ticker:	BTSMX
Peer Group:	IM U.S. SMID Cap Core Equity (MF)
Benchmark:	Russell 2500 Index
Fund Inception:	11/30/2011
Portfolio Manager:	Scott/Williams/Moore
Total Assets:	\$778.50 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.86%
Net Expense:	0.75%
Turnover:	28%

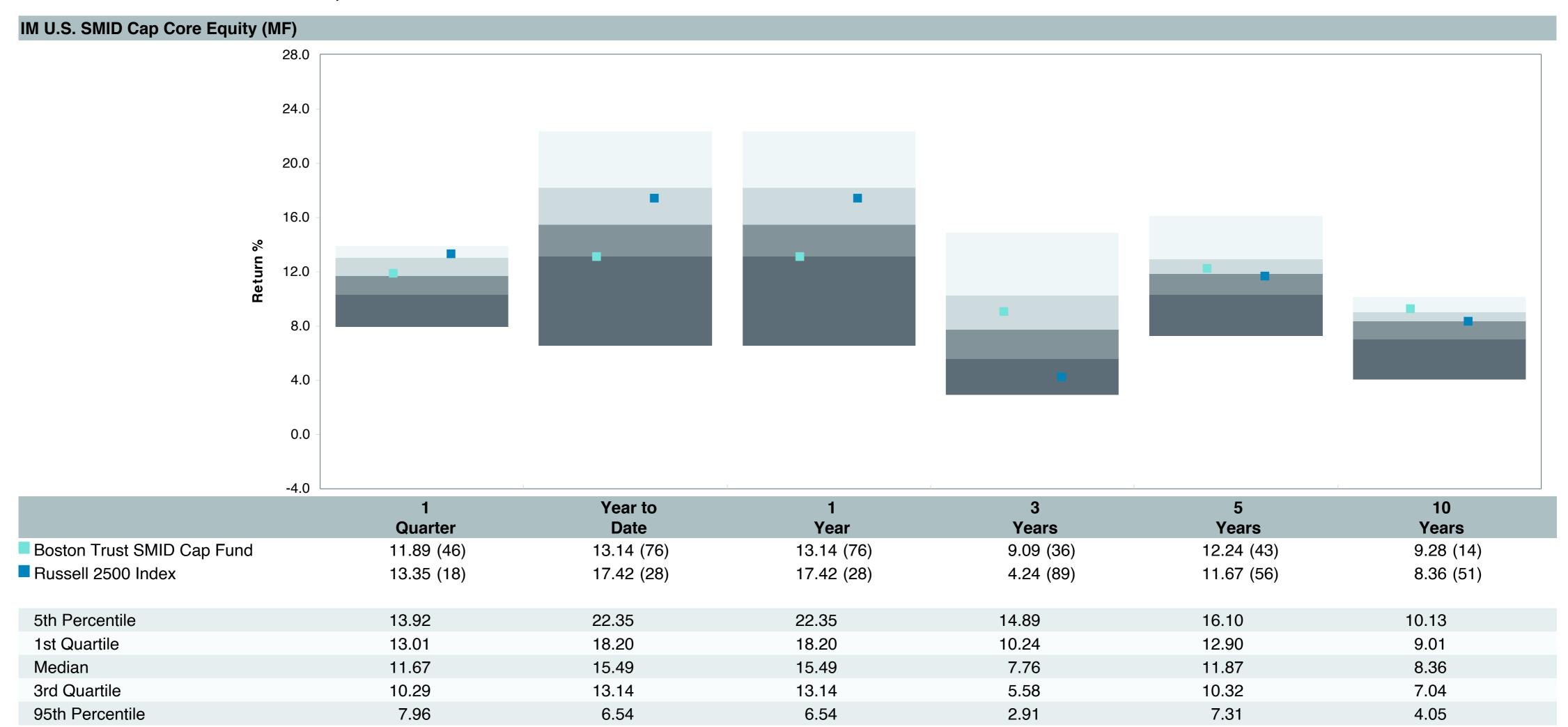






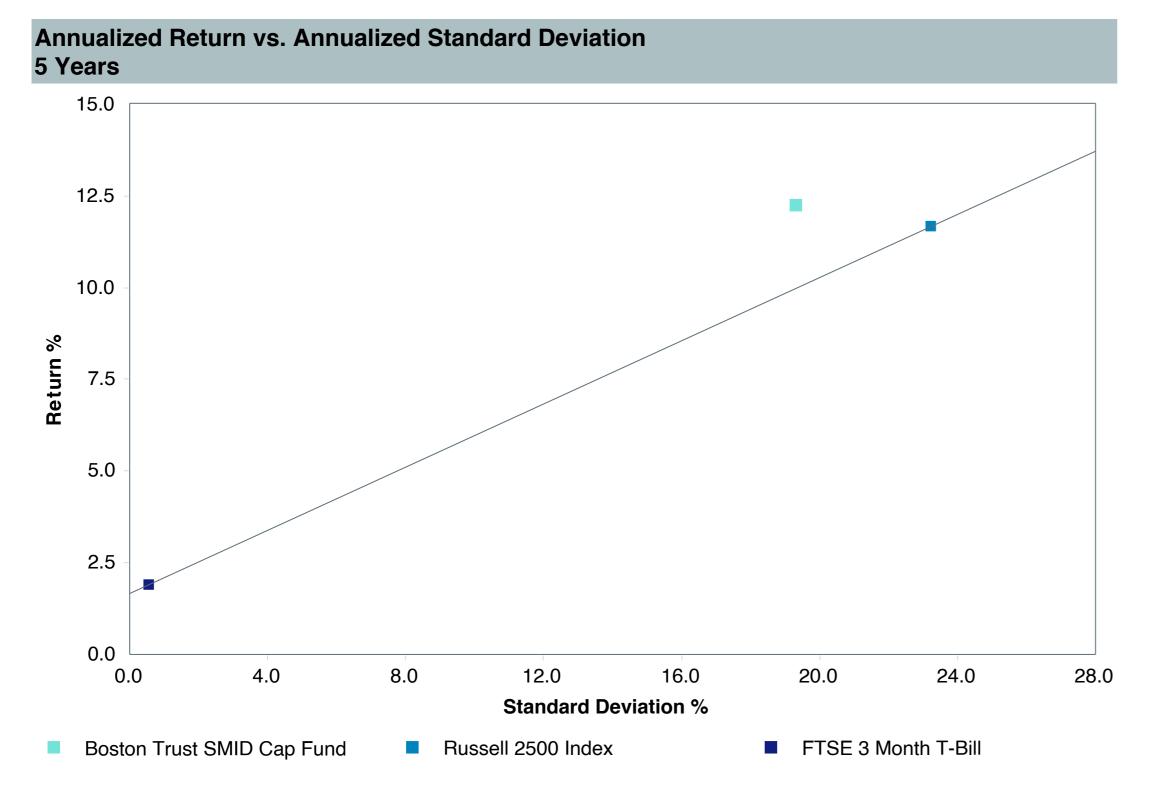


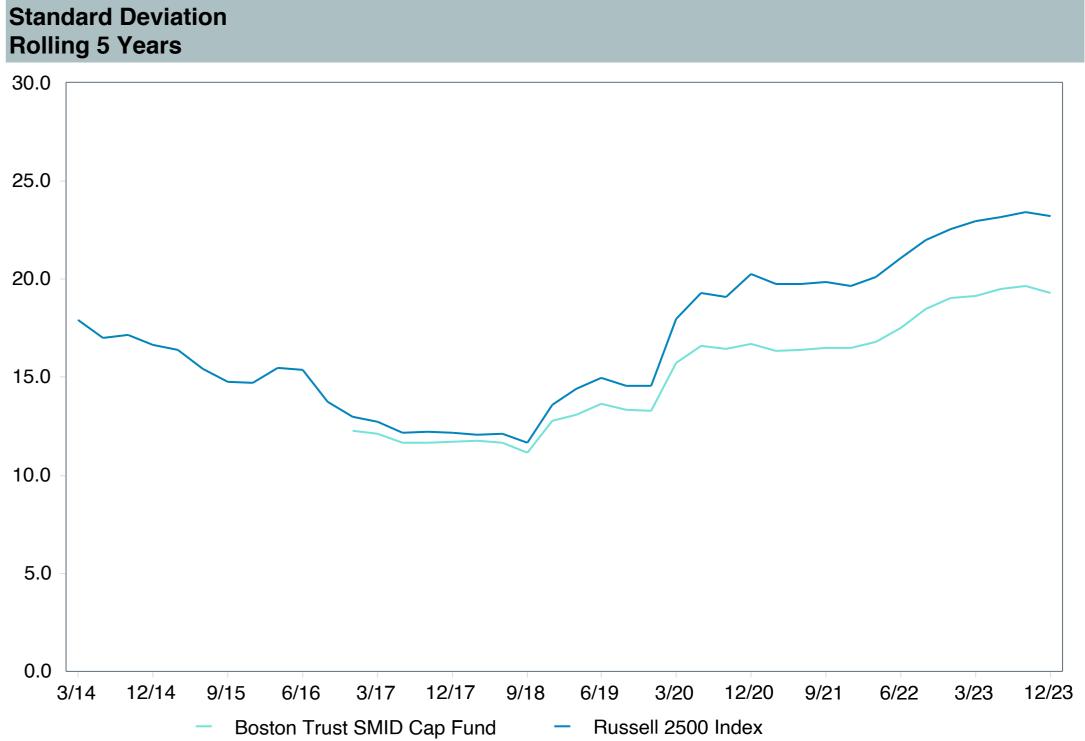
# Peer Group Analysis





## **Risk Profile**





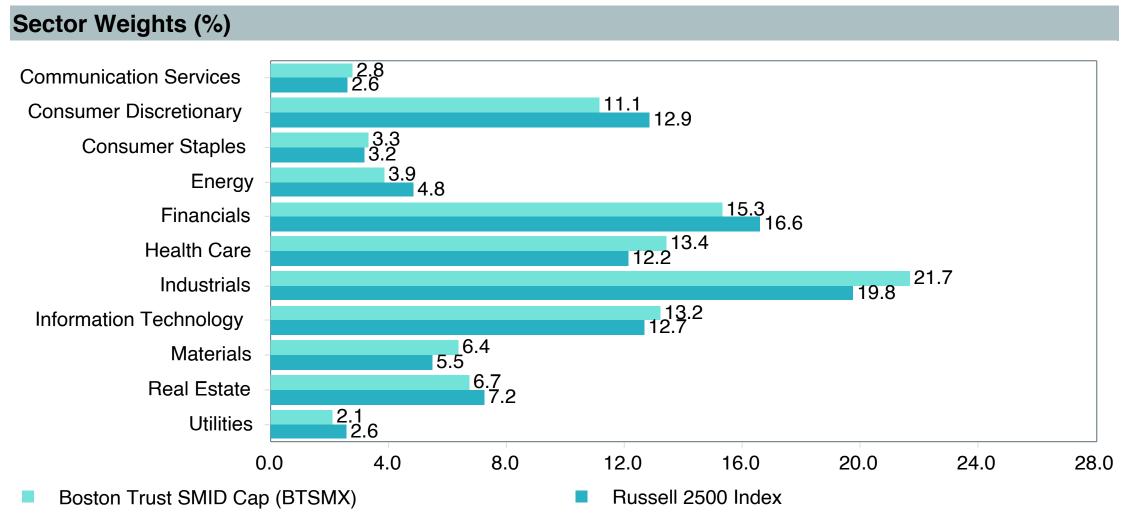
5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
Boston Trust SMID Cap Fund	-0.33	7.18	-0.05	0.92	0.60	2.49	0.80	12.24	19.32	0.96
Russell 2500 Index	0.00	0.00	-	1.00	0.51	0.00	1.00	11.67	23.23	1.00
FTSE 3 Month T-Bill	-11.89	23.24	-0.51	0.00	-	1.92	0.00	1.91	0.56	-0.01

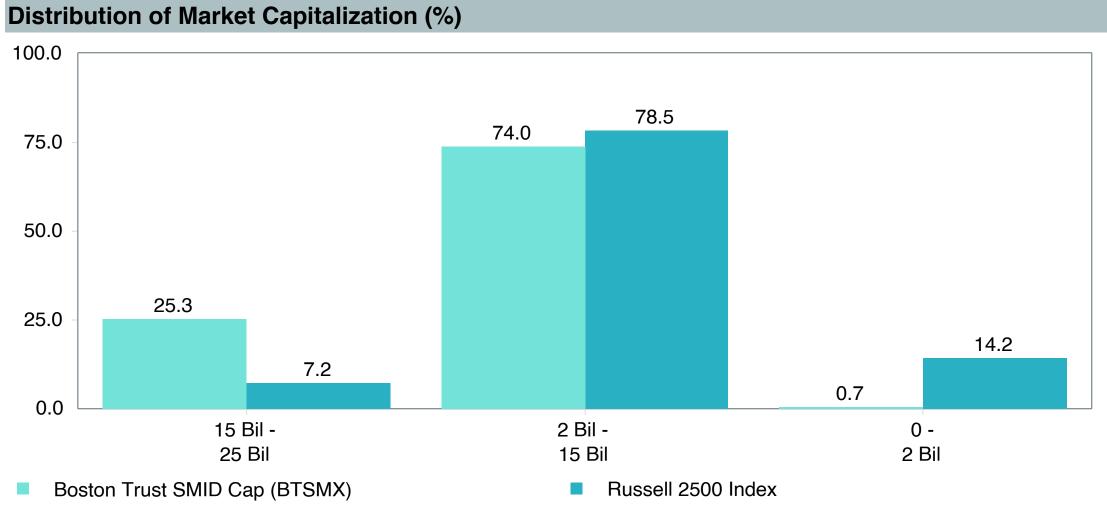


## **Portfolio Characteristics**

Portfolio Characteristics		
	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap (\$M)	10,862	6,871
Median Mkt. Cap (\$M)	10,126	1,447
Price/Earnings ratio	21.93	15.50
Price/Book ratio	3.87	2.64
5 Yr. EPS Growth Rate (%)	13.70	11.90
Current Yield (%)	1.48	1.53
Beta (5 Years, Monthly)	0.80	1.00
Number of Stocks	75	2,468

Top Ten Equity Holdings				
	Portfolio Weight %	Benchmark Weight %	Active Weight %	Quarterly Return %
Waters Corp	2.33	0.00	2.33	20.06
Cooper Cos Inc (The)	2.29	0.00	2.29	19.00
Williams-Sonoma Inc	2.29	0.22	2.07	30.58
Medpace Holdings Inc	2.28	0.12	2.16	26.60
FactSet Research Systems Inc.	2.14	0.31	1.83	9.34
Nordson Corp	2.12	0.26	1.86	18.68
Charles River Lab. Int'l Inc	2.09	0.20	1.89	20.62
Service Corp International	2.04	0.17	1.87	20.30
F5 Inc	2.03	0.18	1.85	11.07
SEI Investments Co	2.01	0.11	1.90	6.27
% of Portfolio	21.62	1.57	20.05	

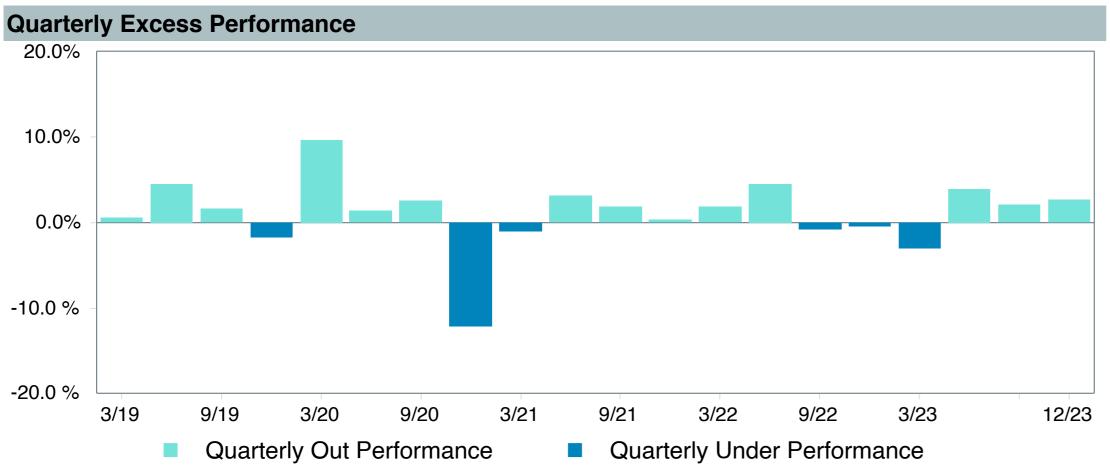


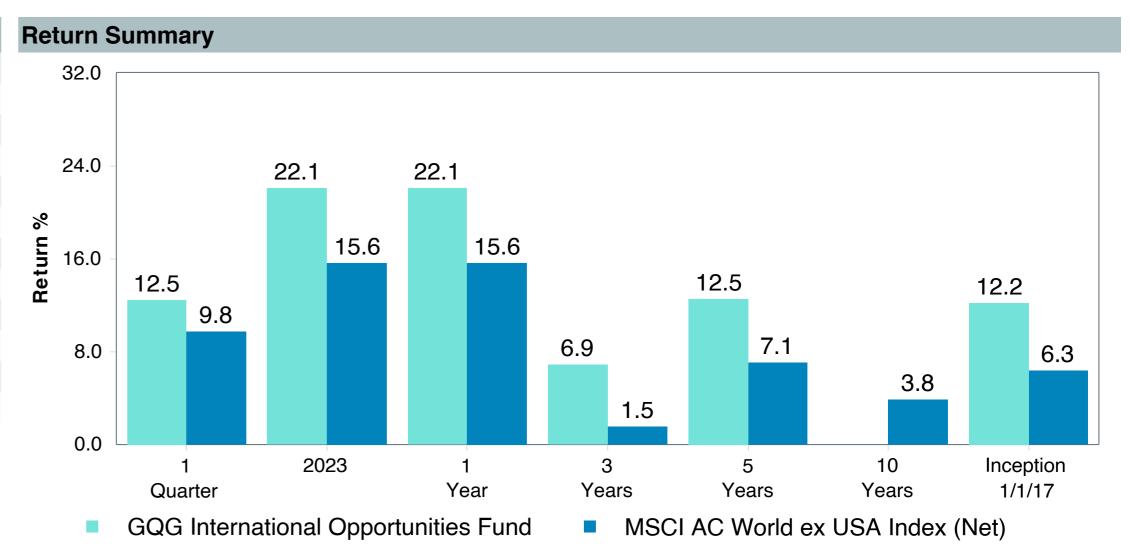


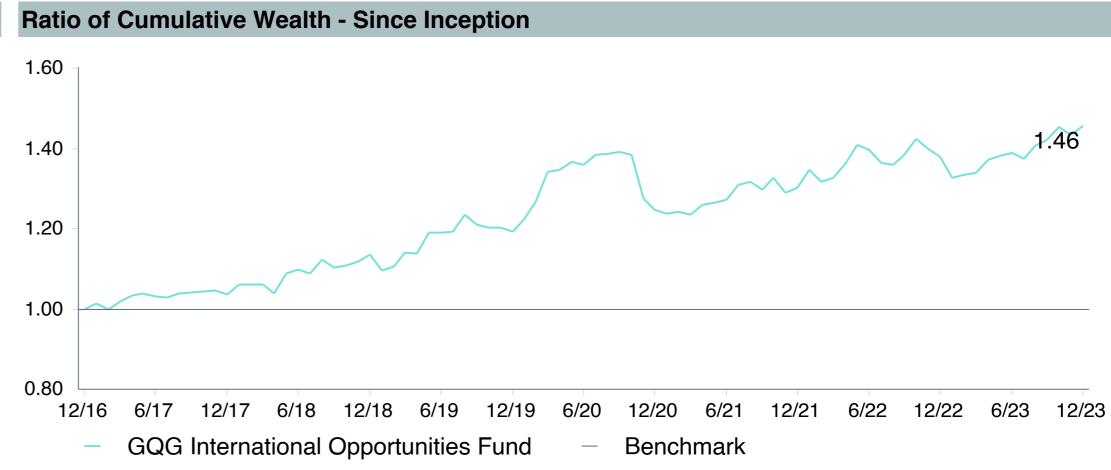


<b>Account Information</b>	on
Product Name :	Goldman:GQG Prts IO;R6 (GSIYX)
Fund Family:	Goldman Sachs
Ticker:	GSIYX
Peer Group :	IM International Equity Markets (MF)
Benchmark:	MSCI AC World ex USA Index (Net)
Fund Inception:	12/15/2016
Portfolio Manager:	Jain/Kresmanc/Murthy
Total Assets:	\$2,019.70 Million
Total Assets Date:	01/31/2024
Gross Expense:	0.79%
Net Expense :	0.75%
Turnover:	62%



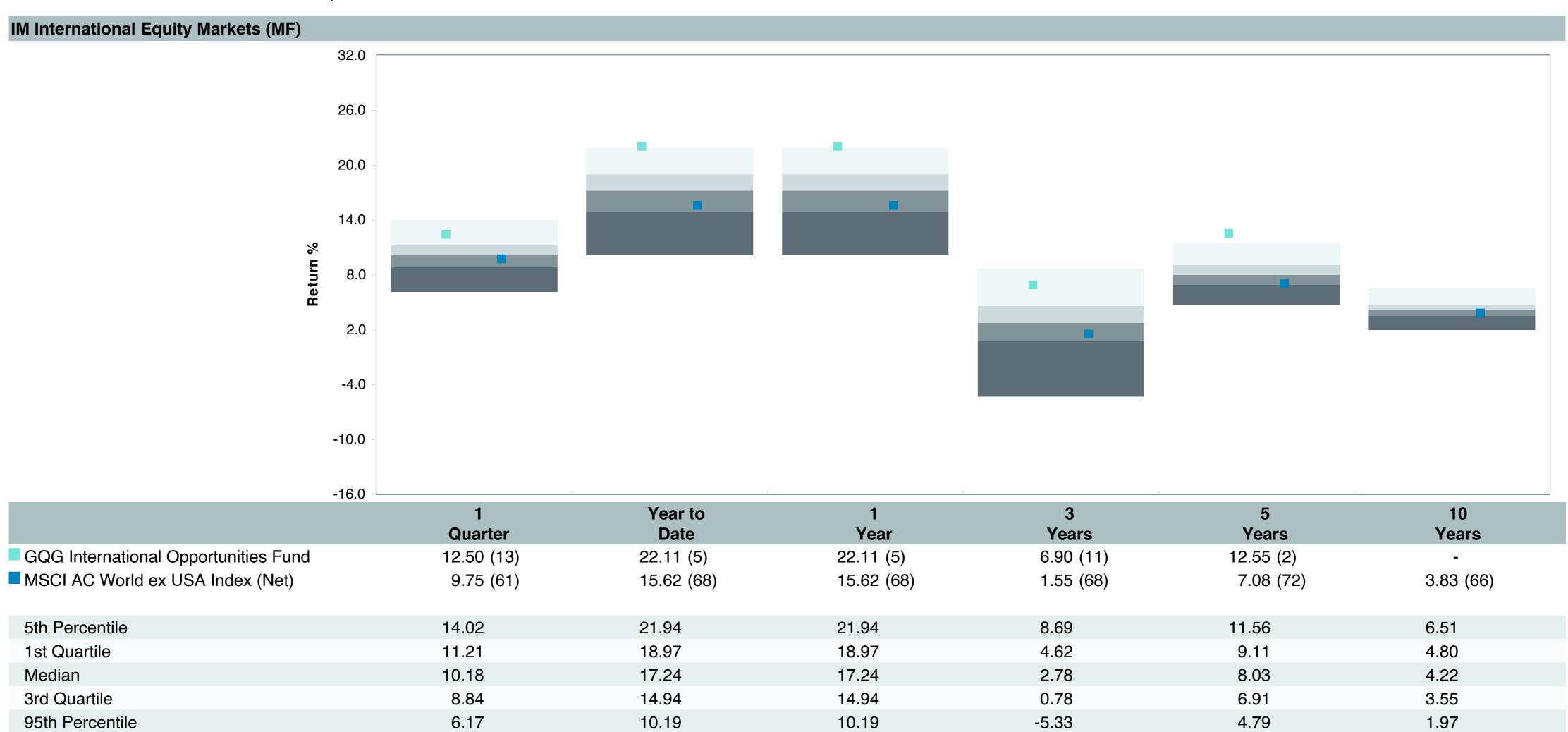






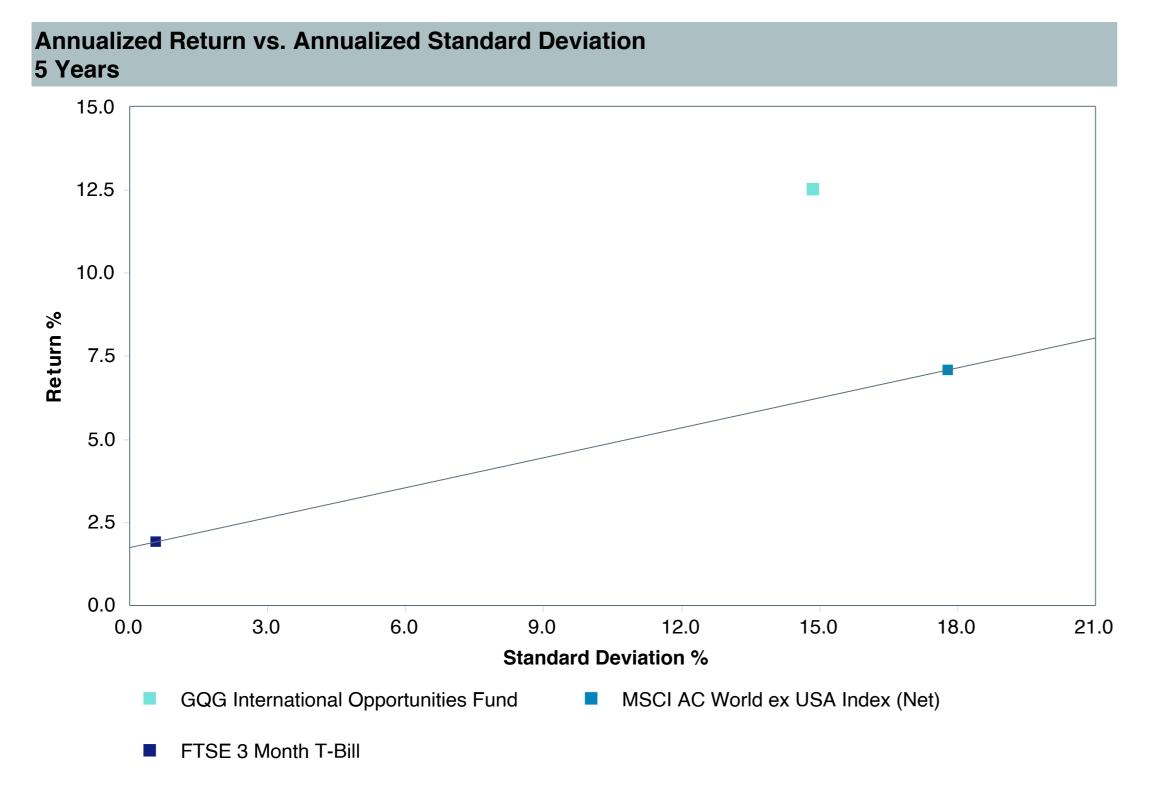


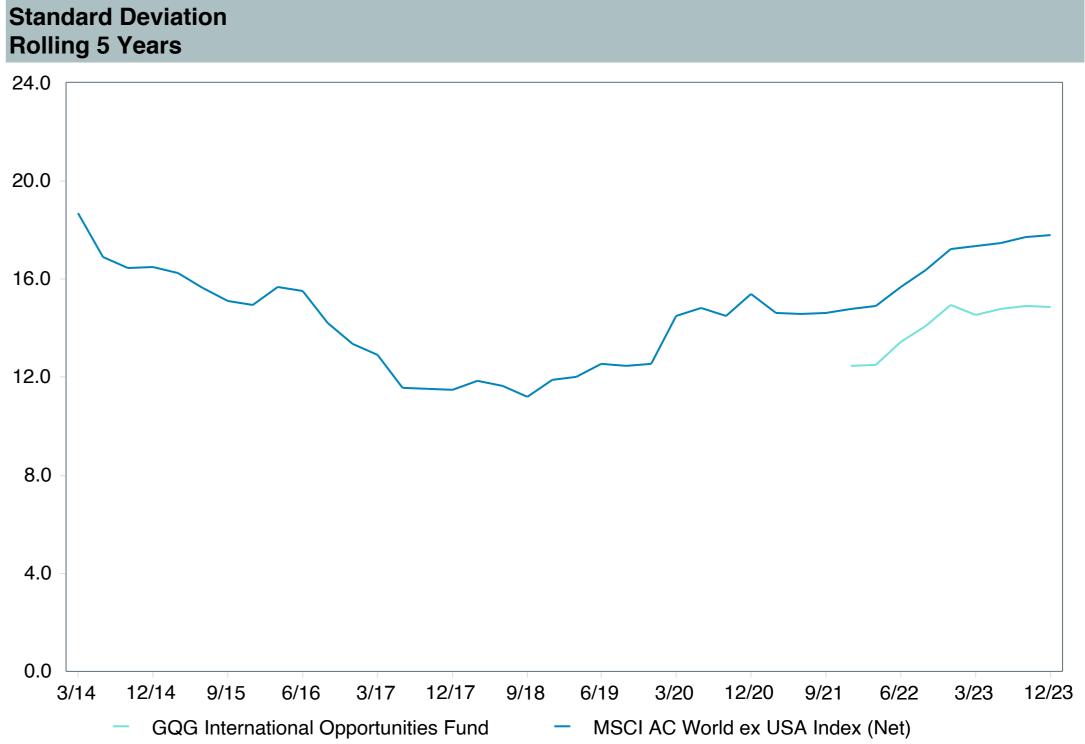
# Peer Group Analysis





## **Risk Profile**





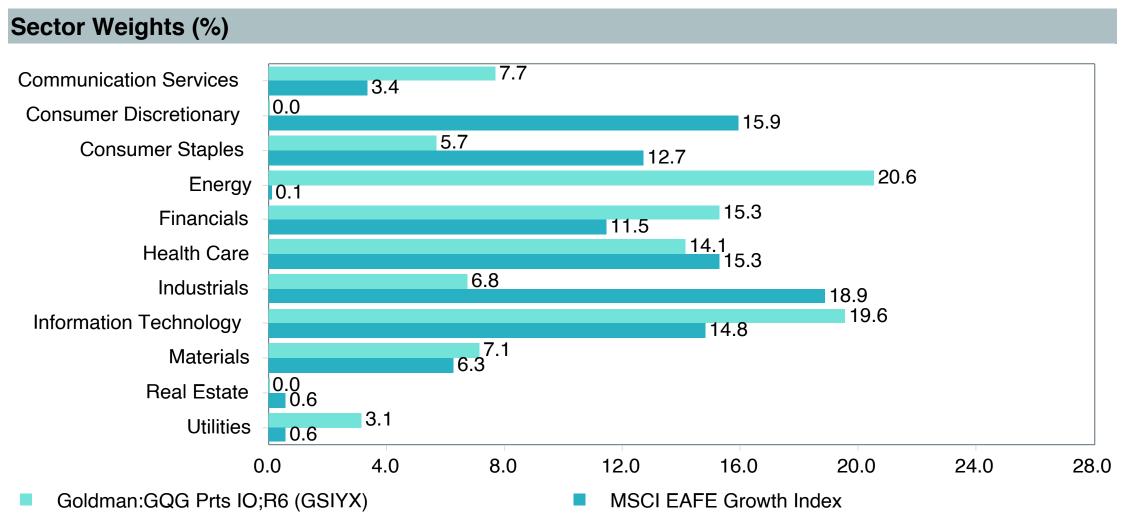
5 Years Historical Statistics										
	Active Return	Tracking Error	Information Ratio	R-Squared	Sharpe Ratio	Alpha	Beta	Return	Standard Deviation	Actual Correlation
GQG International Opportunities Fund	4.55	8.02	0.57	0.80	0.75	6.89	0.75	12.55	14.86	0.89
MSCI AC World ex USA Index (Net)	0.00	0.00	-	1.00	0.37	0.00	1.00	7.08	17.80	1.00
FTSE 3 Month T-Bill	-6.53	17.78	-0.37	0.00	-	1.90	0.00	1.91	0.56	0.05

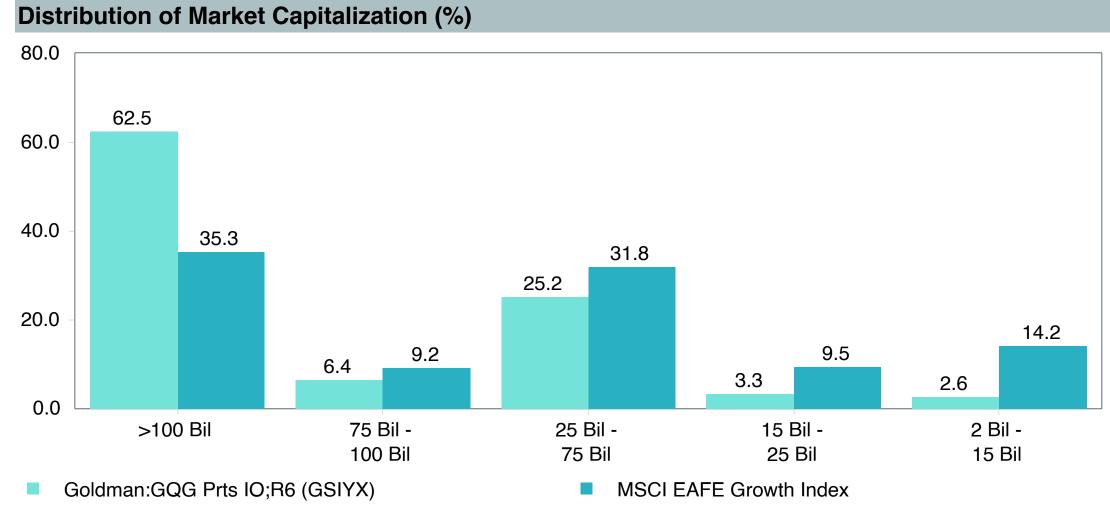


## **Portfolio Characteristics**

Portfolio Characteristics		
	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap (\$M)	331,089	108,204
Median Mkt. Cap (\$M)	75,260	13,876
Price/Earnings ratio	14.45	21.60
Price/Book ratio	4.03	3.68
5 Yr. EPS Growth Rate (%)	18.71	11.84
Current Yield (%)	2.74	1.86
Beta (5 Years, Monthly)	0.70	1.00
Number of Stocks	57	397

Top Ten Equity Holdings				
	Portfolio Weight %	Benchmark Weight %	Active Weight %	Quarterly Return %
Novo Nordisk A/S	6.80	4.07	2.73	12.55
TotalEnergies SE	5.26	0.00	5.26	1.33
Astrazeneca PLC	5.22	2.52	2.70	-0.44
NVIDIA Corporation	4.89	0.00	4.89	13.86
Glencore Plc	4.68	0.00	4.68	5.40
ASML Holding NV	2.87	3.66	-0.79	28.41
Petroleo Brasileiro	2.72	0.00	2.72	15.01
Petroleo Brasileiro Sa Petrobras	2.62	0.00	2.62	10.35
LOreal SA	2.49	1.45	1.04	21.02
Canadian Natural Resources	2.48	0.00	2.48	2.53
% of Portfolio	40.03	11.70	28.33	





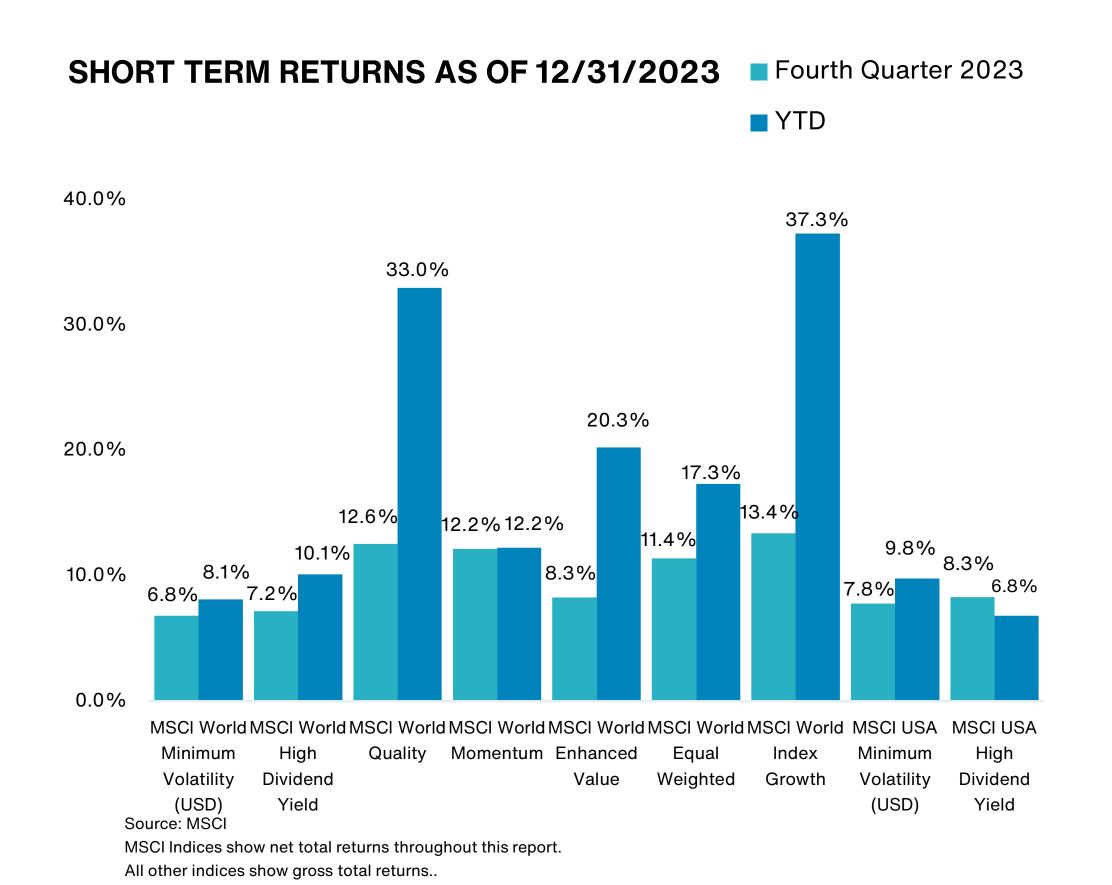


**Market Environment** 

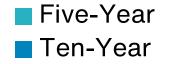


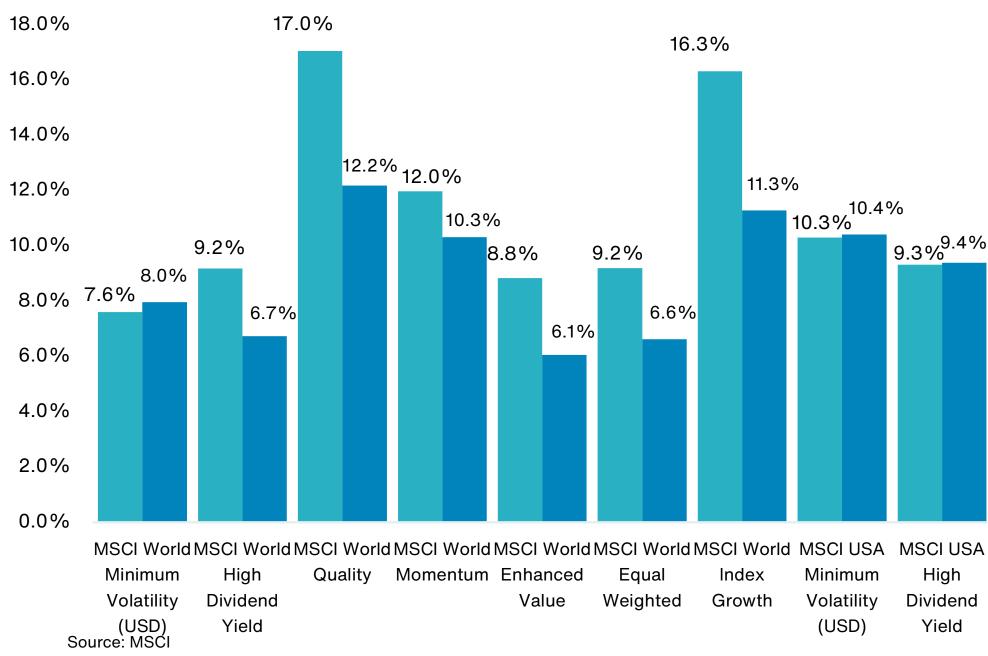


### **Factor Indices**







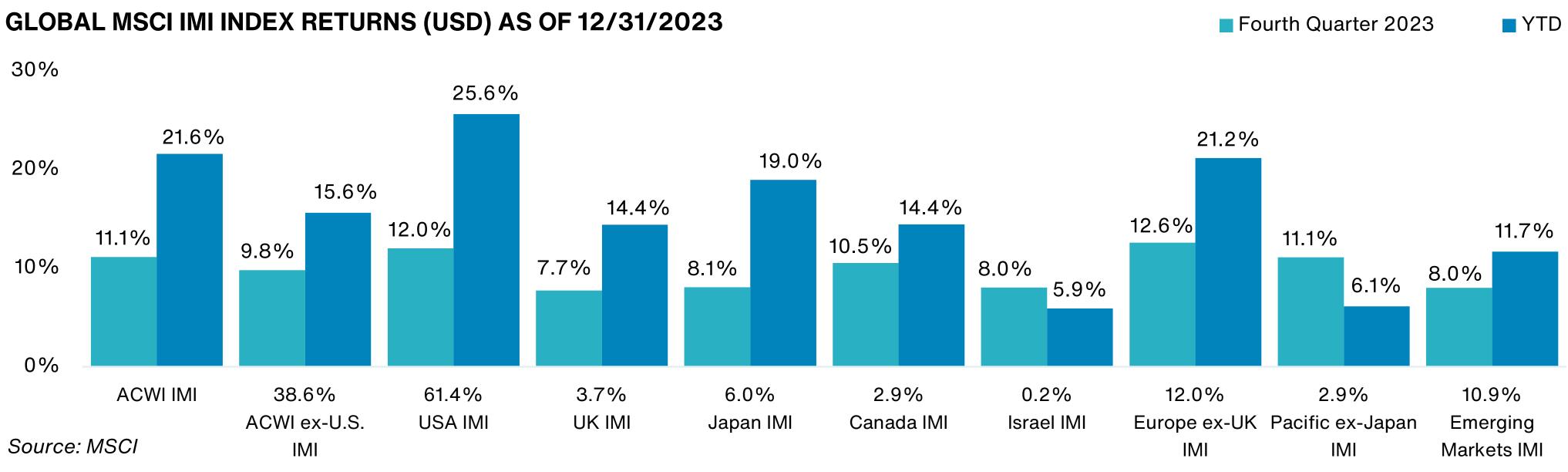


MSCI Indices show net total returns throughout this report. All other indices show gross total returns..

Past performance is no guarantee of future results. Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect fees and expenses. Please see appendix for index definitions and other general disclosures.



## **Global Equity Markets**



- In Q4 2023, global equity markets rose due to a strong rally in November and December as market participants anticipated a higher probability of interest rate cuts in 2024. The MSCI ACWI posted its strongest annual performance in USD terms, (22.8%) since 2019 (27.3%). Volatility fell sharply throughout the quarter as the CBOE Volatility Index (VIX) fell to 12.5 in Q4 from 17.5 in the previous quarter, well below its 20-year average of 19.1. The MSCI All Country World Investable Market Index (ACWI IMI) returned 11.1% for the quarter and was up 21.6% on the year.
- Across international markets, all regions posted positive returns. U.S. equities posted strong returns over the quarter and in 2023 with major contribution coming from the Information Technology sector.
- Europe ex-UK IMI equities were the best regional performer with a return of 12.6%. Economically sensitive sectors including Financials and Industrials outperformed.

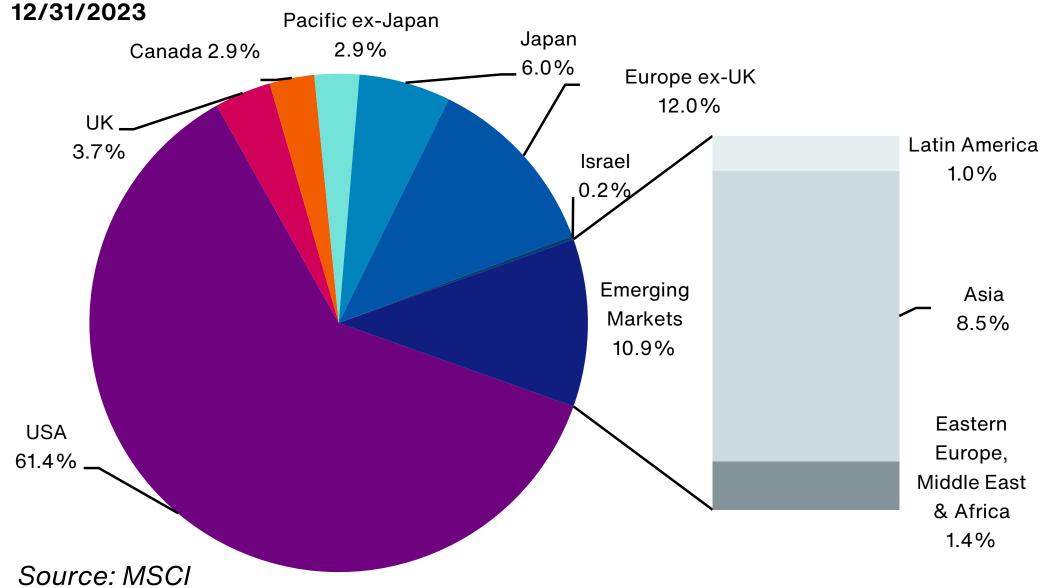
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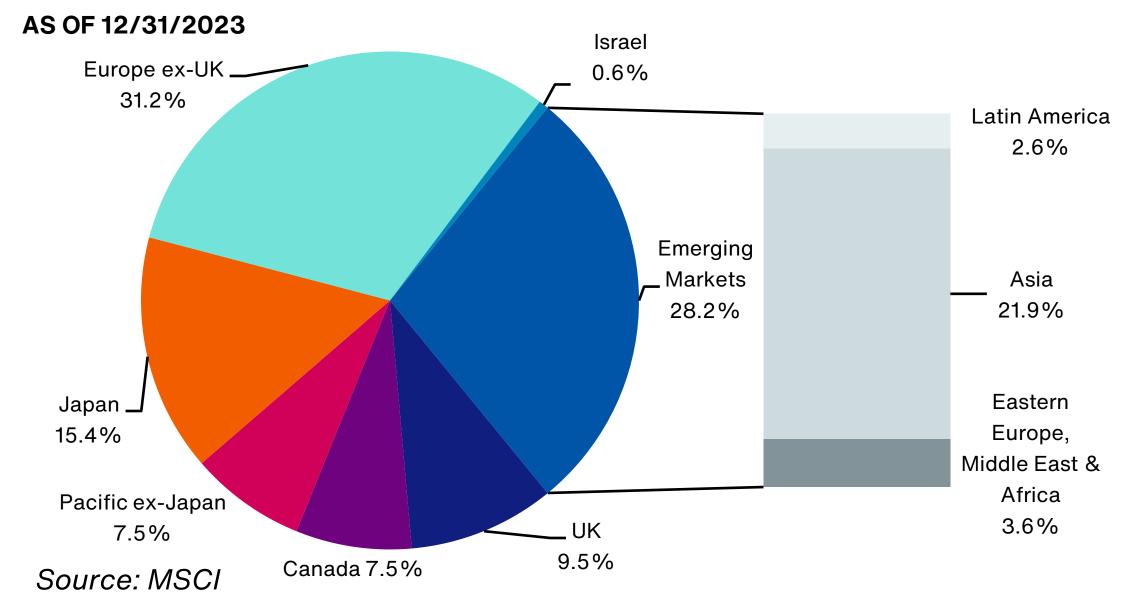
# **Global Equity Markets**

Below is the country/region breakdown of the global and international equity markets as measured by the MSCI All Country World IMI Index and the MSCI All Country World ex-U.S. IMI Index, respectively.





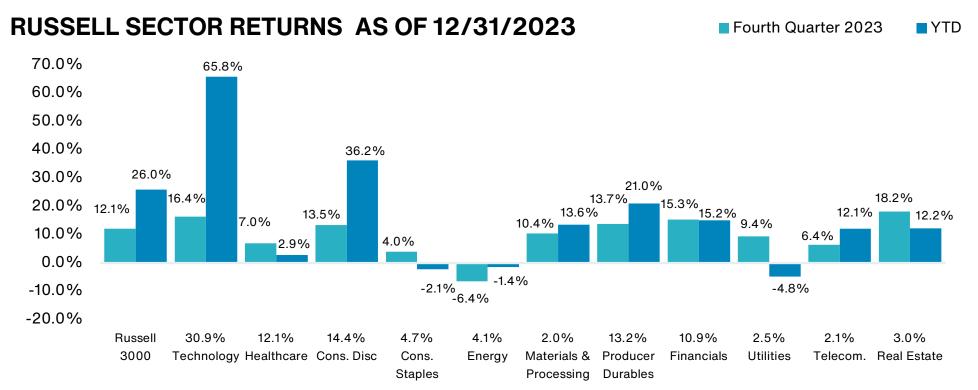
### MSCI ALL COUNTRY WORLD EX-U.S. IMI INDEX GEOGRAPHIC ALLOCATION

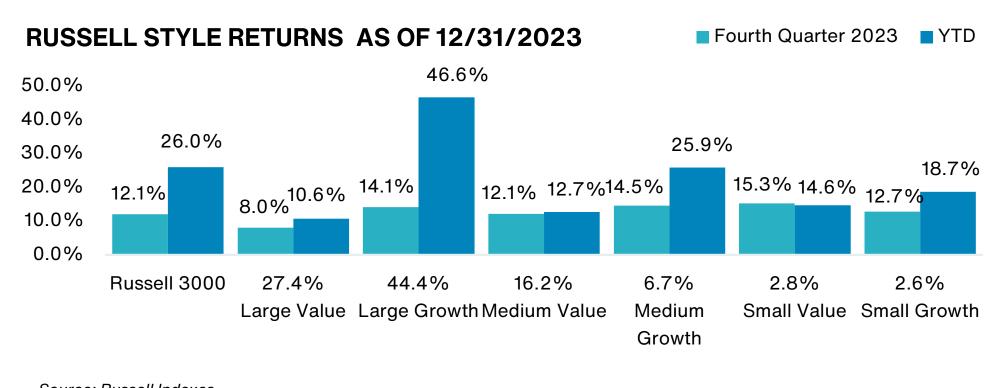




# **U.S. Equity Markets**

- U.S. equities had positive performance during the quarter with the S&P 500 index rising by 11.7% amidst anticipated interest rate cuts in 2024.
- The speaker of the U.S. House of Representatives, Kevin McCarthy, became the first leader in the history of the lower chamber of Congress to be removed from the position after infighting within the Republican party. McCarthy lost a no-confidence vote 216-210, as eight Republicans sided with 208 Democrats to remove him as a speaker. Mike Johnson, a Louisiana Republican, was elected as the new Speaker of the House in the fourth round of voting. Johnson received the unanimous backing of all 220 Republicans, surpassing the 215-majority mark. Following this, the U.S. Congress averted a government shutdown as lawmakers approved a short-term stop-gap funding bill to keep the government funded until early next year.
- Meanwhile, Moody's downgraded their U.S. credit outlook from 'stable' to 'negative' amidst sharp rises in debt service costs. Moody's updated outlook highlighted increasing downside risks to U.S. fiscal strength and added that the drastic rise in Treasury yields this year "has increased pre-existing pressure on U.S. debt affordability".
- U.S. economy expanded by an annualized rate of 4.9% over the third quarter, higher than the 2.1% recorded in the previous quarter but below the forecasted 5.2%. A sharp rise in consumer spending and business spending on inventories helped to boost the economy in the third quarter.
- The Russell 3000 Index rose 12.1% during the fourth quarter and 26% on a YTD basis. Real estate (18.2%) and Technology (16.4%) were the best performers while Energy (-6.4%) and Consumer Staples (4.0%) were the worst performers.
- On a style basis, growth outperformed value across market capitalization except for small-cap stocks over the quarter.

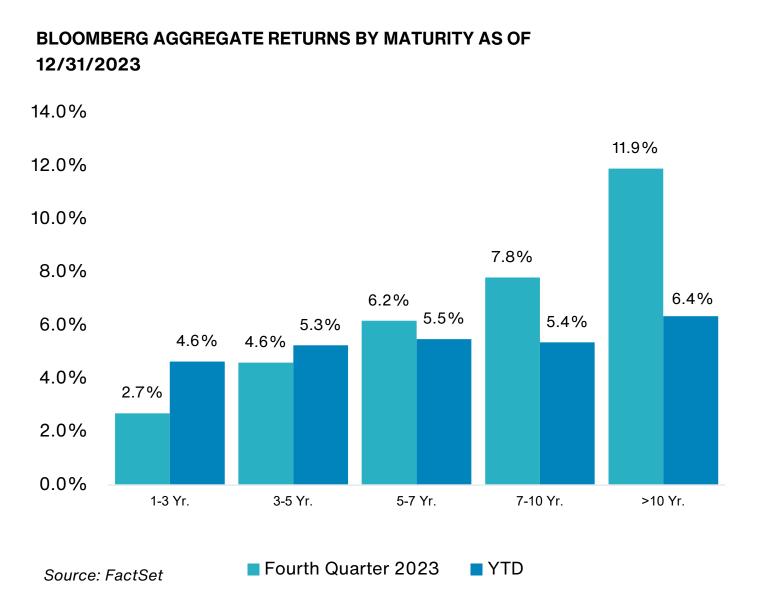


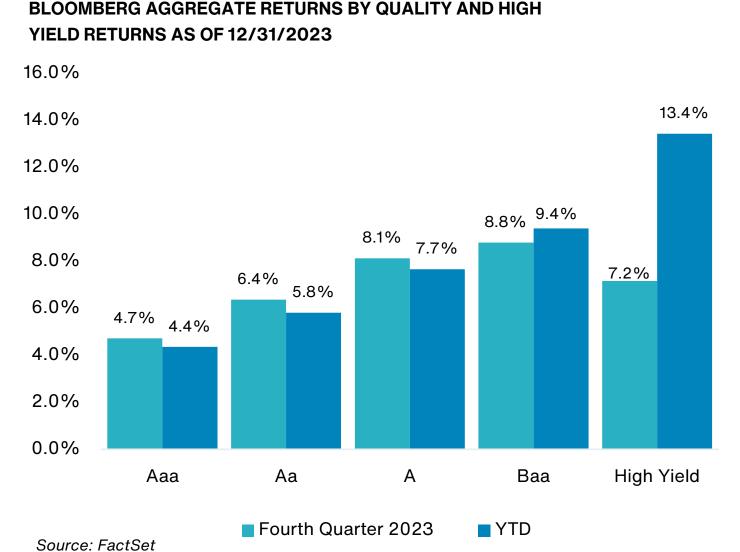


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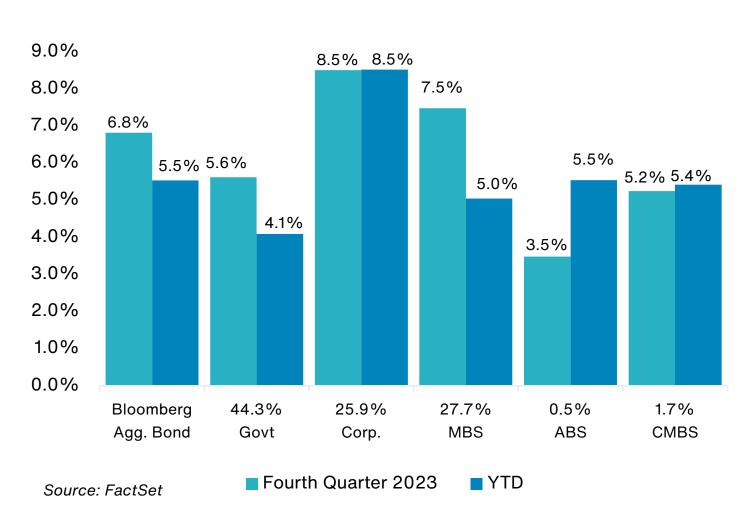


## **U.S. Fixed Income Markets**





# BLOOMBERG AGGREGATE RETURNS BY SECTOR AS OF 12/31/2023

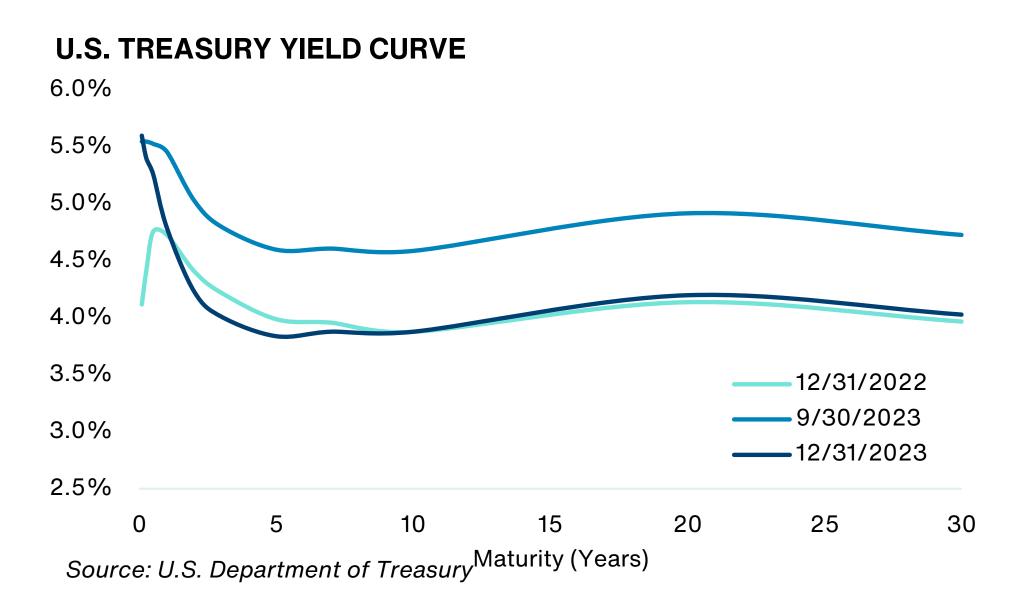


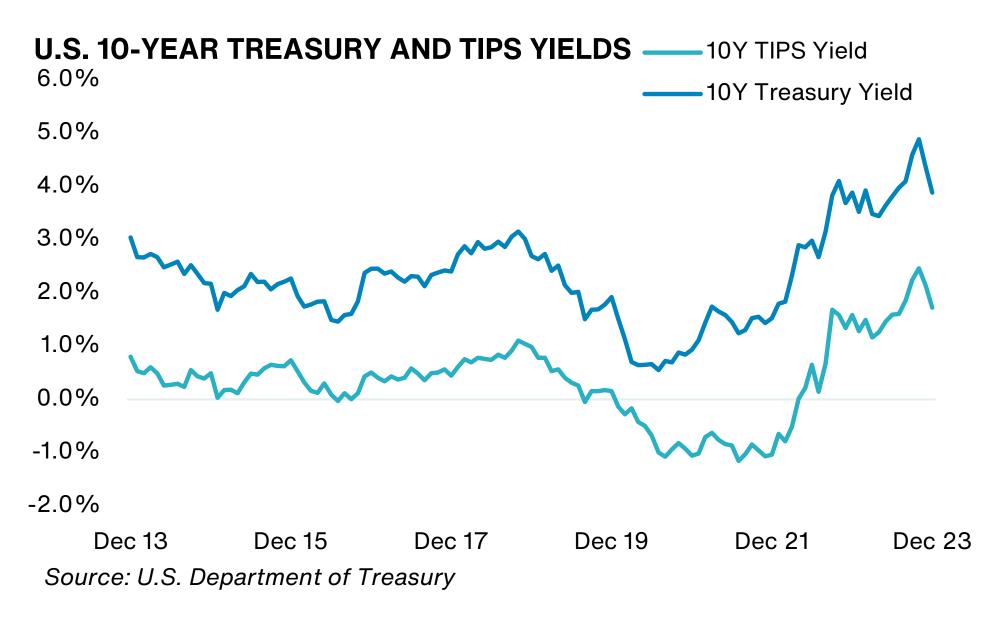
- The U.S. Federal Reserve (Fed) kept its benchmark policy rate unchanged at 5.25%-5.50% for the third consecutive meeting. Fed chair Jerome Powell commented that the interest rate is now "likely at or near its peak for this tightening cycle".
- The Bloomberg U.S. Aggregate Bond Index was up 6.80% over the quarter and 5.50% on a YTD basis.
- Across durations, all maturities finished the quarter in positive territory with longer maturities rising more.
- Within investment-grade bonds, lower credit quality generally outperformed higher-quality issues, with Baa bonds comparatively rising more. High-yield bonds rose by 7.20%. On a YTD basis, High Yield bonds outperformed indicating an increase in risk appetite.

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## **U.S. Fixed Income Markets**



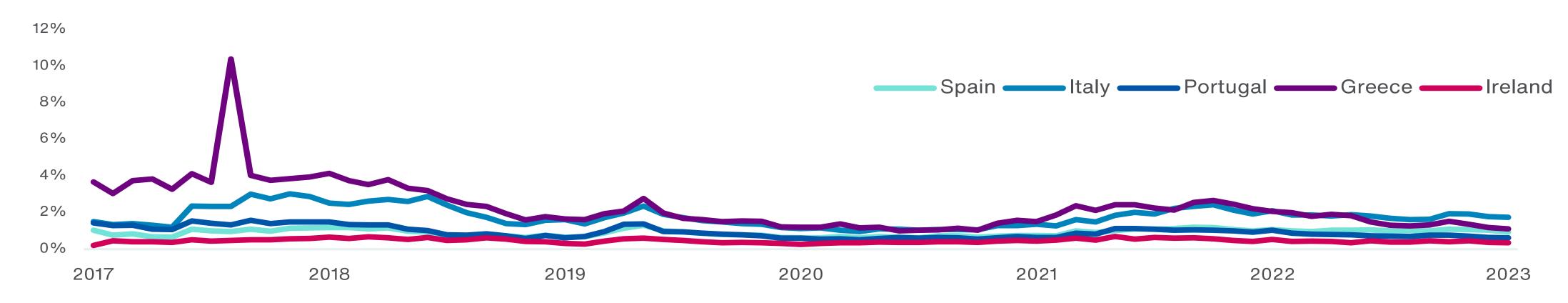


- U.S. Treasury yields fell significantly across maturities except at the shortest end of the curve as the yield curve shifted downwards over the quarter and the yield curve continues to be inverted. The 10-year Treasury yield fell by 71bps to 3.88%, and the 30-year Treasury yield fell by 70bps to 4.03% over the quarter.
- The U.S. headline consumer price index (CPI) edged lower to 3.1% year-on-year in November, meeting economists' expectations and marginally down from the 3.2% increase recorded in the previous month. U.S. Core inflation, which excludes food and energy costs, remained unchanged from the previous month at 4% year-on-year in November.
- The 10-year TIPS yield fell by 52bps over the quarter to 1.72%.



# **European Fixed Income Markets**

### **EUROZONE PERIPHERAL BOND SPREADS (10-YEAR SPREADS OVER GERMAN BUNDS)**



Source: FactSet

- European government bond spreads over 10-year German bunds narrowed across the Euro Area. The European Central Bank (ECB) kept its interest rate unchanged at 4.0% for the second consecutive meeting. ECB policymakers signaled interest rates will be kept at "sufficiently restrictive levels for as long as necessary". The ECB also announced it would reduce the reinvestments of maturing securities by €7.5B a month from July 2024 before ending the program at the end of next year.
- Greek and Italian government bond yields fell by 124bps and 100bps to 3.10% and 3.74%, respectively over the quarter whilst Irish and Spanish government bond yields fell by 87bps and 95bps to 2.35% and 2.95%, respectively.
- German bund yields fell by 81bps to 2.0% over the quarter.
- Eurozone headline inflation rose at the slowest pace since July 2021 as the CPI fell to 2.4% year-on-year in November, down from the previous month's rate of 2.9% and lower than economists' expectations of 2.7%. A fall in energy prices and a slower pace of growth in food and services prices proved to be primary factors. Core inflation also slowed to 3.6% in the year to November, down from October's 4.2%.



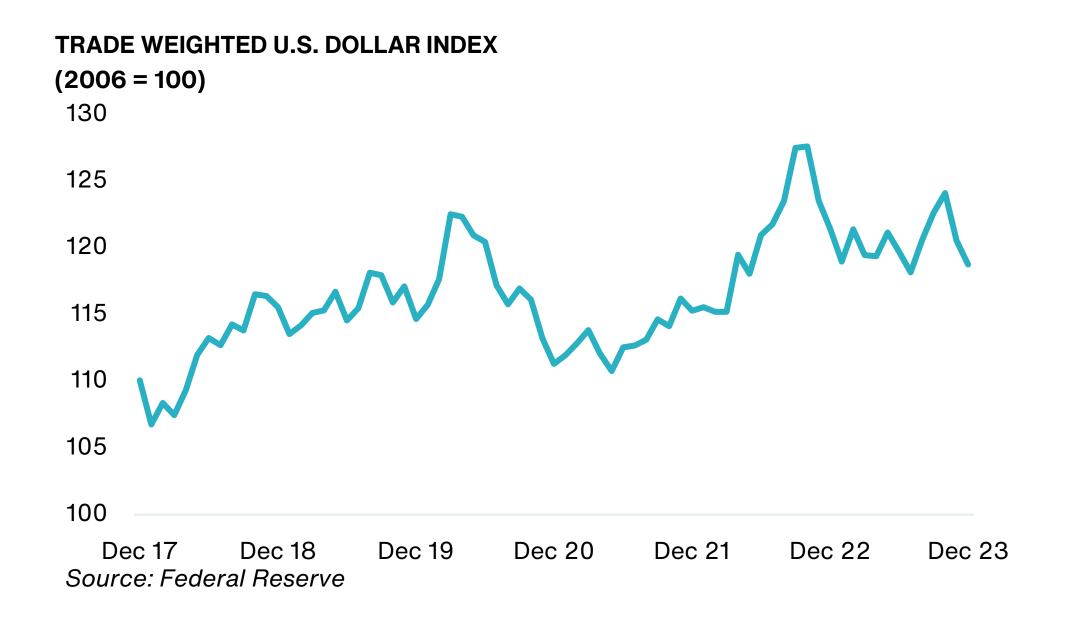
# **Credit Spreads**

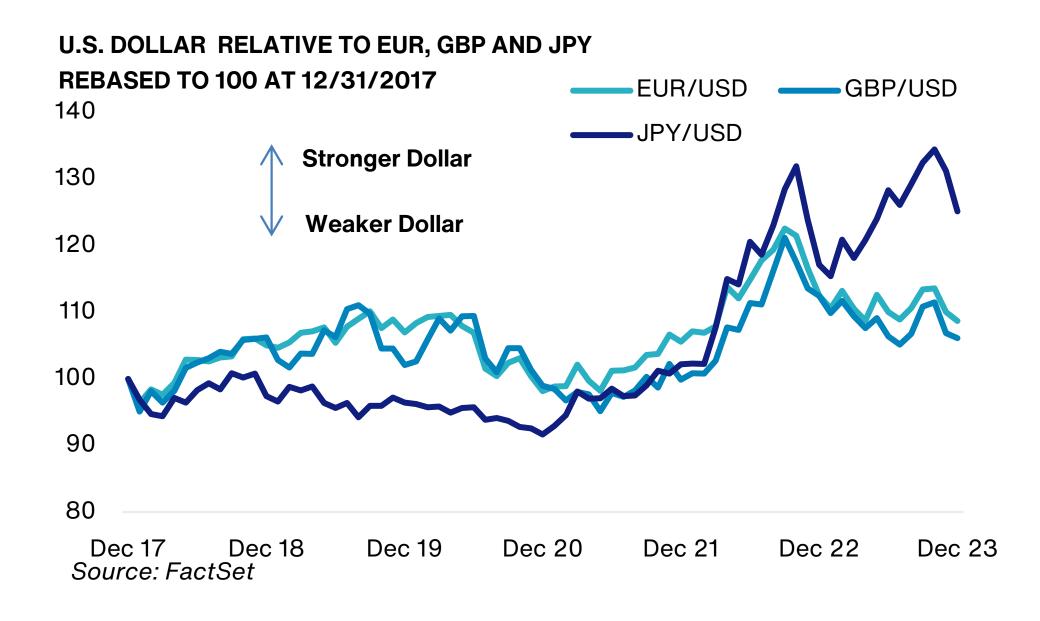
Spread (bps)	12/31/2023	9/30/2023	6/30/2023	Quarterly Change (bps)	YTD
U.S. Aggregate	42	52	51	-10	-9
Long Gov't	2	0	2	2	0
Long Credit	117	133	157	-16	-40
Long Gov't/Credit	62	71	87	-9	-25
MBS	47	66	51	-19	-4
CMBS	126	130	120	-4	6
ABS	68	67	76	1	-8
Corporate	99	121	130	-22	-31
High Yield	323	394	469	-71	-146
Global Emerging Markets Source: FactSet, Bloomberg	294	313	332	-19	-38

- Credit markets rose amid increasing risk tolerance sentiment, with spreads narrowing.
- High Yield and Corporate spreads narrowed by 71bps and 22bps, respectively. Meanwhile, Long Gov't and ABS Credit spreads widened by 2bps and 1bp, respectively.



# Currency

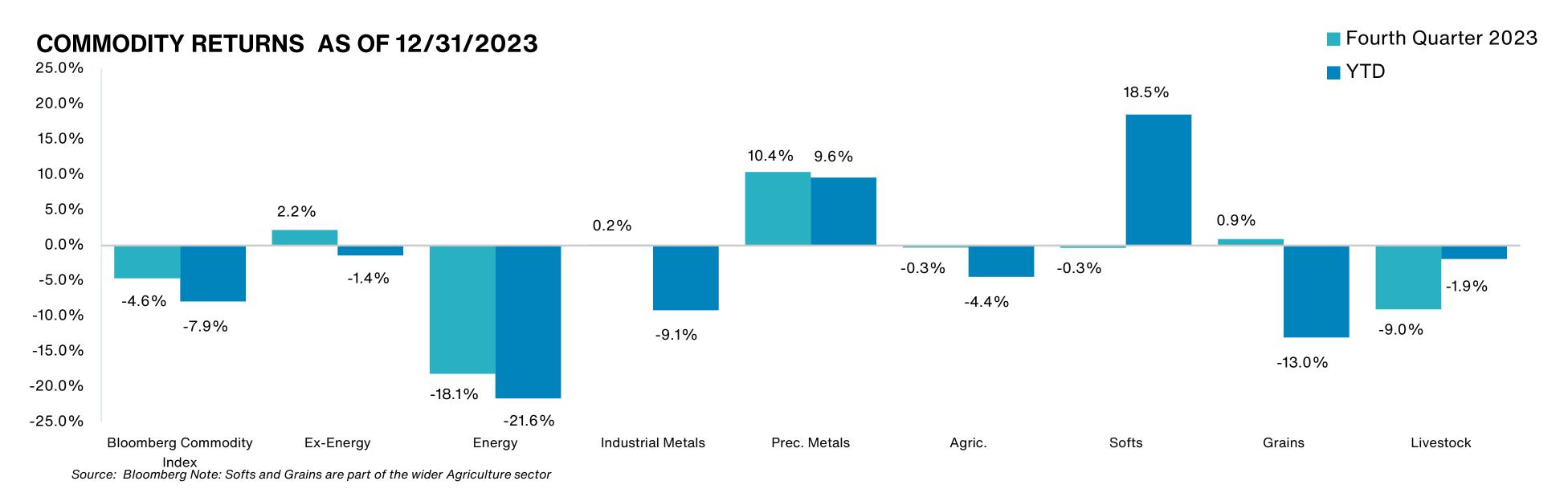




- The U.S. Dollar depreciated against all major currencies over the quarter. On a trade-weighted basis, the U.S. dollar depreciated by 3.2%.
- Sterling appreciated by 4.3% against the U.S. dollar. The Bank of England (BoE) kept its interest rate unchanged at 5.25% for the third consecutive meeting. The Monetary Policy Committee (MPC) voted six to three in favour of maintaining the current interest rate, with three members preferring a 25bps increase. The MPC indicated that interest rates would likely need to be kept high for an "extended period of time" and kept the option open for further rate rises "if there were evidence of more persistent inflationary pressures".
- The U.S. dollar depreciated by 4.2% against the Euro and by 5.5% against the yen.



## **Commodities**



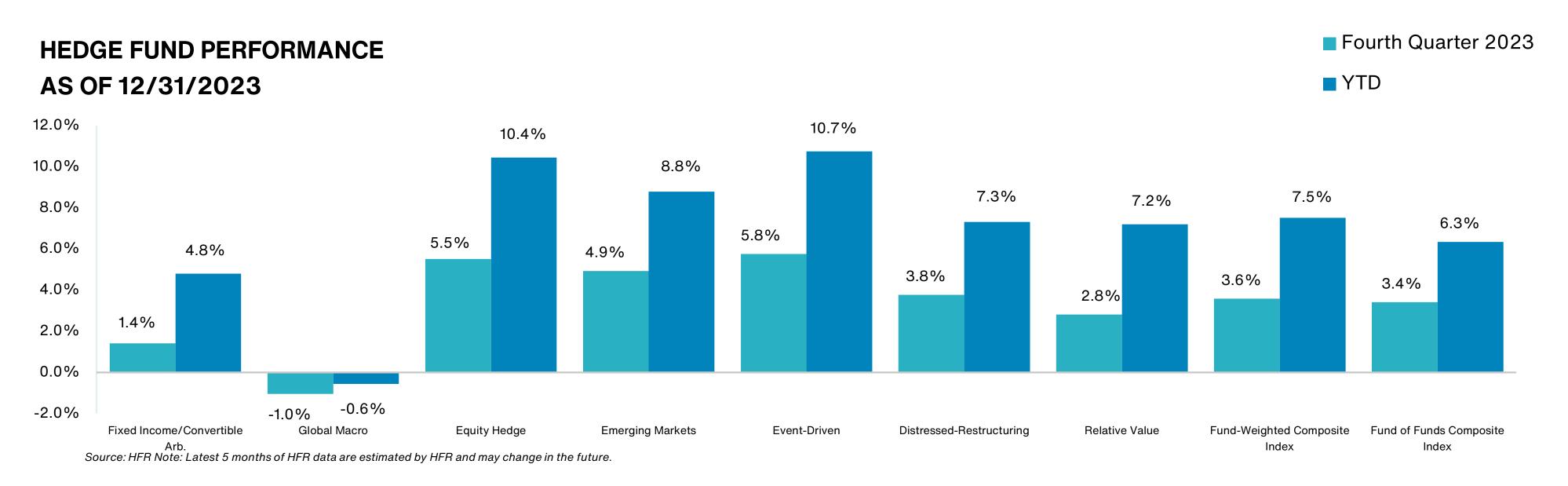
- Commodity prices fell over the quarter with the Bloomberg Commodity Index falling by 4.6% for the quarter.
- The energy sector was the worst performer as it fell 18.1% over the quarter and 21.6% on a YTD basis. The price of WTI crude oil was significantly down by 21.1% to U.S.\$72/B.
- Precious Metals rose the most over the quarter at 10.4%.
- Meanwhile, Opec+ members announced voluntary oil production cuts until Q1 2024. Saudi Arabia pledged to extend an ongoing 1mn barrels per day (bpd) production cut whilst Russia will increase its export reduction from the current 300,000 bpd to 500,000 bpd. Opec+ aims for a total of 2M bpd production cut with the help of other members.

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# Hedge Funds Market Overview

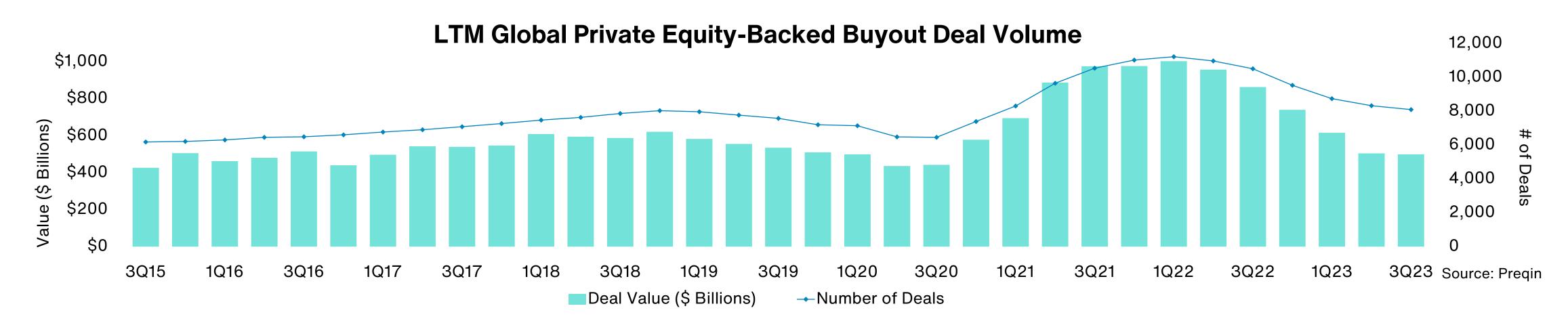


- Hedge fund performance was positive over the quarter except for Global Macro.
- The HFRI Fund-Weighted Composite and HFRI Fund of Funds Composite Index produced returns of 3.6% and 3.4% over the quarter, respectively.
- Over the quarter, Event Driven was the best performer with a return of 5.8%.
- Global Macro was the worst performer with a return of -1.0% over the quarter.
- On a YTD basis, Event Driven has outperformed all other strategies whilst Global Macro has performed the worst.

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# Private Equity Overview — Third Quarter 2023



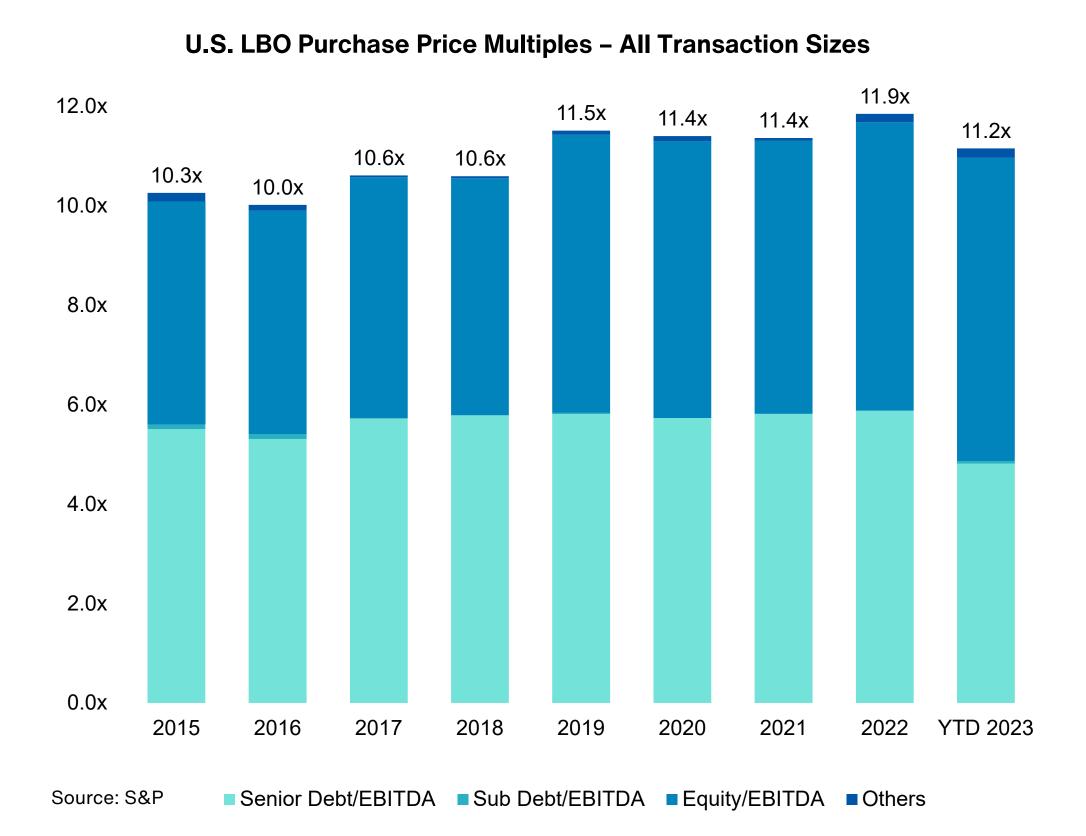
- Fundraising: In Q3 2023, \$250.1B was raised by 489 funds, which was an increase of 14.8% on a capital basis but a decrease of 22.0% by number of funds over the prior quarter. Dry powder stood at \$3.3T at the end of the quarter, an increase of 10.3% and 38.7% compared to year-end 2022 and the five-year average, respectively.1
- Buyout: Global private equity-backed buyout deals totaled \$113.4B in Q3 2023, which was an increase on a capital basis of 6.3% compared to Q2 2023 but a decrease of 32.2% compared to the five-year quarterly average.¹ During the quarter, the average purchase price multiple for all U.S. LBOs was 9.5x EBITDA, down substantially from Q2 2023's average of 11.3x and the five-year average (11.3x). The YTD average purchase price multiple ended Q3 2023 at 11.2x. Large cap purchase price multiples stood at 11.4x YTD, down compared to 11.8x at the end of 2022. The average purchase price multiple across European transactions greater than €1B averaged 10.1x EBITDA on an LTM basis as of Q3 2023, down from the 10.3x multiple seen at the end of Q2 2023. Purchase prices for transactions of €500.0M or greater increased, on an LTM basis, from 9.6x at Q2 2023 to 10.1x at Q3 2023.² Globally, buyout exit value totaled \$107.7B across 552 deals during the quarter, down from \$113.2B in value from 474 deals during Q2 2023.¹
- **Venture**: During the quarter, 2,716 venture-backed transactions totaling \$36.7B were completed, which was a decrease on both a capital and deal count basis over the prior quarter's total of \$37.0B across 3,560 deals. This was also a decrease of 32.3% compared to the five-year quarterly average of \$54.4B. Total U.S. venture-backed exit value increased meaningfully during the quarter, totaling approximately \$35.8B across an estimated 284 completed transactions, compared to \$6.6Bacross 298 exits in Q2 2023.

Sources: <sup>1</sup> Preqin <sup>2</sup> Standard & Poor's <sup>3</sup> PitchBook/NVCA Venture Monitor <sup>4</sup> Fitch Ratings <sup>5</sup> Jefferies

Notes: FY=Fiscal year ended 12/31; YTD=Year to date; LTM=Last 12 months (aka trailing 12 months); PPM=Purchase Price Multiples: Total Purchase Price ÷ EBITDA.



# **Private Equity Overview**

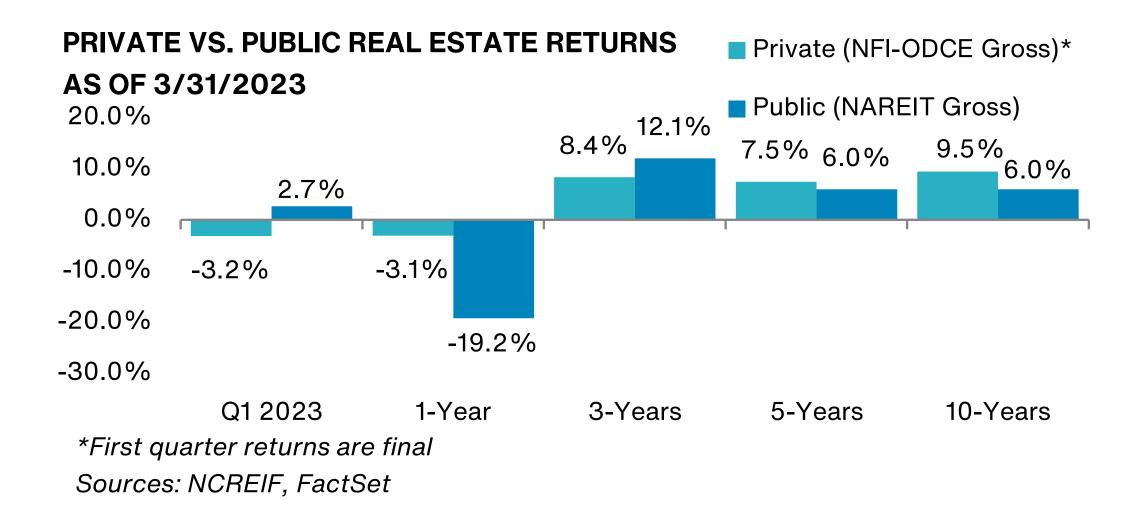


- **Mezzanine:** 5 funds closed on \$1.6B during the quarter. This was a decrease from the prior quarter's total of \$19.4B raised by 9 funds and represented a decrease of 75.7% from the five-year quarterly average of \$6.6B. Estimated dry powder was \$66.7B at the end of Q3 2023, up from \$66.0B at the end of the prior quarter.<sup>1</sup>
- **Distressed Debt:** The TTM U.S. high-yield default rate was 3.1% as of November 2023, which was up from June 2023's TTM rate of 2.6%. Fitch expects the high-yield default rate to continue trending higher through the end of 2023.<sup>4</sup> During the quarter, \$8.1B was raised by 13 funds, up from the \$7.3B raised by 11 funds during Q2 2023. Dry powder was estimated at \$159.6B at the end of Q3 2023, which was up 1.9% from Q2 2023. This remained above the five-year annual average level of \$138.8B.<sup>1</sup>
- **Secondaries:** 16 funds raised \$23.8 billion during Q3 2023, up substantially from the \$5.7B raised by 15 funds in Q2 2023. This was an increase compared to the five-year quarterly average of \$11.9B.<sup>1</sup> The average discount rate for LP buyout and venture capital portfolios finished the quarter at 8.0% and 32.0%, respectively.<sup>5</sup>
- Infrastructure: \$5.1B of capital was raised by 14 funds in Q3 2023 compared to \$9.7B of capital raised by 21 partnerships in Q2 2023. Capital raised through Q3 2023 represented only 11.3% of full-year 2022's total. Infrastructure managers completed 541 deals for an aggregate deal value of \$90.1B in the third quarter compared to 465 deals totaling \$52.1B in Q2 2023.1
- Natural Resources: During Q3 2023, 5 funds closed on \$2.5B compared to 6 funds totaling \$1.9B in Q2 2023. 26 energy and utilities deals were completed in Q3 2023 totaling \$9.5B, an increase, on a value basis, compared to 49 completed deals totaling \$6.7Bin Q2 2023.

Sources: <sup>1</sup> Preqin <sup>2</sup> Standard & Poor's <sup>3</sup> PitchBook/NVCA Venture Monitor <sup>4</sup> Fitch Ratings <sup>5</sup> Jefferies



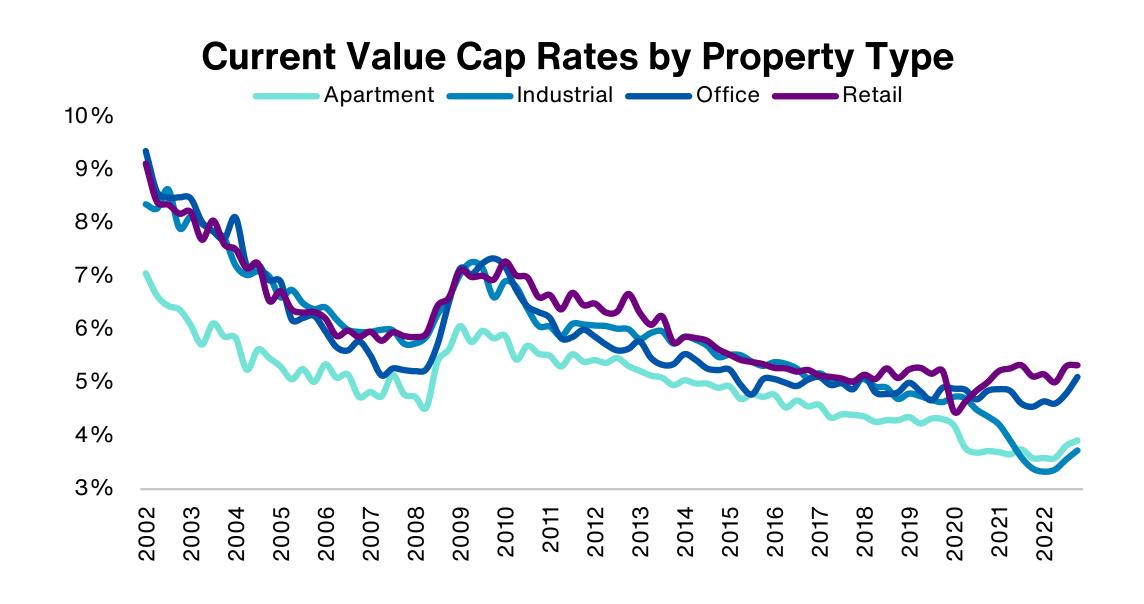
## **U.S. Commercial Real Estate Markets**



- U.S. Core Real Estate returned -3.2%\* gross return in the first quarter 2023, resulting in a -3.1% total gross return for the trailing one-year, including a 3.4% income return. Real estate capital markets have been impacted by the higher inflation and interest rate environment and resulting increased cost of capital. During the first quarter of 2023, REITs rebounded as inflationary pressures appeared to settle, and the perceived probability of fed funds rate cuts in 2023 increased.
- Global property markets, as measured by the FTSE EPRA/NAREIT Developed Real Estate Index, returned 1.0% (USD) in aggregate during the first quarter and experienced a cumulative decline of 20.6% over the trailing 1-year period. REIT market performance during the quarter was driven by North America (+2.7% USD), with Europe (-2.8% USD) and Asia Pacific (-2.2% USD) lagging the global Index. The U.S. REIT markets (FTSE NAREIT Equity REITs Index) returned 2.7% in the first quarter.
- In the first quarter of 2023, U.S. private real estate transaction volumes declined 56% from the first quarter of 2022 to \$85B. This decline is the culmination of rising interest rates, the availability of capital, and a perceived bid-ask spread.



## **U.S. Commercial Real Estate Markets**



- While capital markets have created significant near-term headwinds for nearly every asset class, we believe real estate fundamentals have remained generally promising, but also highly bifurcated. Even in the midst of moderating rent growth, Multifamily properties continue to experience near record-high occupancy and may be a net beneficiary of the eroding affordability of homeownership in this high interest rate environment. Industrial vacancy rates are amongst the lowest which supports continued NOI growth, helping offset pricing pressure as a result of rising cap rates.
- The retail and office sectors are facing significant headwinds over the near term. Retail real estate demand has seen modest recovery from occupiers, but the sector faces declining consumer confidence and purchasing power. Additionally, work-from-home trends and a cooling labor market are impacting office space needs. Weakening demand and increasing sublease inventory have pushed occupancy rates down across the sector—although demand for high-quality assets in well-located markets has been more resilient than commodity product.
- Townsend has identified high conviction investment themes that are predicated on secular growth trends and strong underlying real estate market fundamentals. These investment themes have commonalities such as anticipated tenant demand growth, natural barriers to supply, and operating complexity that are anticipated to persist medium to long-term.



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Fee Analysis





# Fee Analysis

## As of December 31, 2023

	Vehicle Type <sup>1</sup>	Ticker	Universe Name <sup>3</sup>	Net Expense Ratio (%) <sup>2</sup>	Revenue Share (%)	Effective Net Expense (%)	Peer Group Fee (%)	Range
				(70)	(70)	(70)	25th 50th 75th Po	opulation
Total Fairfax Public Schools Plans								-
Tier I - Target Date								-
T. Rowe Price Retirement I 2005 I		TRPFX	Aon Target Date Today Active (MF)	0.340	0.000	0.340	0.35 0.45 0.50	14
T. Rowe Price Retirement I 2010 I	MF	TRPAX	Aon Target Date 2010 Active (MF)	0.340	0.000	0.340	0.27 0.34 0.40	15
T. Rowe Price Retirement I 2015 I	MF	TRFGX	Aon Target Date 2015 Active (MF)	0.350	0.000	0.350	0.30 0.36 0.50	10
T. Rowe Price Retirement I 2020 I	MF	TRBRX	Aon Target Date 2020 Active (MF)	0.370	0.000	0.370	0.34 0.39 0.52	14
T. Rowe Price Retirement I 2025 I	MF	TRPHX	Aon Target Date 2025 Active (MF)	0.380	0.000	0.380	0.35 0.40 0.49	17
T. Rowe Price Retirement I 2030 I	MF	TRPCX	Aon Target Date 2030 Active (MF)	0.400	0.000	0.400	0.38 0.43 0.51	18
T. Rowe Price Retirement I 2035 I	MF	TRPJX	Aon Target Date 2035 Active (MF)	0.420	0.000	0.420	0.41 0.42 0.52	17
T. Rowe Price Retirement I 2040 I	MF	TRPDX	Aon Target Date 2040 Active (MF)	0.430	0.000	0.430	0.42 0.45 0.54	18
T. Rowe Price Retirement I 2045 I	MF	TRPKX	Aon Target Date 2045 Active (MF)	0.440	0.000	0.440	0.44 0.45 0.53	17
T. Rowe Price Retirement I 2050 I	MF	TRPMX	Aon Target Date 2050 Active (MF)	0.450	0.000	0.450	0.44 0.45 0.54	18
T. Rowe Price Retirement I 2055 I	MF	TRPNX	Aon Target Date 2055 Active (MF)	0.460	0.000	0.460	0.45 0.46 0.52	16
Tier II - Passive Core								-
Vanguard Total Bond Market	MF	VBTIX	eA US Passive Core Fixed Income (MF)	0.035	0.000	0.035	0.04 0.10 0.11	14
iShares S&P 500 Index	MF	WFSPX	eA US Passive S&P 500 Equity (MF)	0.030	0.000	0.030	0.05 0.10 0.17	22
Vanguard Total International Stock Mrkt Index	MF		eA ACWI ex-US Passive Equity (MF)	0.110	0.000	0.110	0.11 0.20 0.32	15
Vanguard Extended Market Index	MF	VIEIX	eA US Passive Mid Cap Equity (MF)	0.050	0.000	0.050	0.05 0.15 0.19	22
Tier III - Active Core								-
Great West Fixed Fund	MF		Aon Stable Value Peer Group – Total Fee including Wrap Fees	-	0.000	-	0.36 0.47 0.60	16
PIMCO Inflation Response Multi-Asset	MF	PIRMX	eA US TIPS / Inflation Fixed Income (MF)	0.820	0.000	0.820	0.30 0.38 0.46	25
Baird Core Plus Bond			eA US Core Plus Fixed Income (MF)	0.300	0.000	0.300	0.40 0.46 0.50	90
Boston Trust SMID Cap Fund			eA US Small-Mid Cap Core Equity (MF)	0.750	0.000	0.750	0.82 0.91 1.00	38
GQG International Opportunities Fund			eA ACWI ex-US All Cap Equity (MF)	0.750	0.000	0.750	0.75 0.85 0.97	54
• •								

Important Note: The investment fee analysis reported in the table above measures only the relative fee level of your current plan offerings as compared to fee medians from style, size, and vehicle-specific peer universes, which Aon Investment's expense is reasonable depends on a variety of factors including the level of returns achieved and the method with which administration and operational expenses are paid. Understanding and evaluating the total cost of plan operations, including both investment and administration fees is a critical analysis that should be completed periodically.

1/Vehicle Type Definitions: "MF" = Mutual Fund, "CF" = Collective Investment Trust, "SA" = Separate Account, "SG" = Group Annuity

<sup>&</sup>lt;sup>2</sup>Expense Ratio is intended to represent a fund's total expense ratio which may include investment management fees, 12b-1 fees, custodial fees, trustee fees, revenue sharing components and/or charges for fund or plan administration.

<sup>3</sup>Fee universes are provided and calculated by eVestment Alliance, as of July 31, 2023. Fund expense information has been sourced from eVestment for all asset classes except the stable value and target date fund universes, which uses Morningstar databases. Since fund expense ratios do not change frequently, Aon Investments believes this study to be a relevant comparison for up to a year, at which time it will be updated. For complete information on methodologies, contact your Aon Investments consultant.



**Appendix** 





#### **Active Returns**

Measures the average excess return of the portfolio relative to a benchmark. The excess return is annualized. The higher the active return, the better the portfolio's performance versus the benchmark.

#### **Alpha**

Measures nonsystematic return, or the return that cannot be attributed to the market. Thus, it can be thought of as how the manager performed if the market had no gain or loss. A positive alpha implies that the manager has added value to the return of the portfolio over that of the market.

#### **Average Credit Quality**

An average of all the credit-quality positions for the fund or underlying fund's bond holdings. The credit quality levels range from AAA (highest) to D (lowest).

#### **Average Maturity**

Average maturity is the weighted average of the dates on which the bonds held in the portfolio become due and are to be paid off.

#### **Average Weighted Coupon**

A weighted average of the coupons for all bond holdings in the fund or underlying fund's portfolio. This figure is generated by weighing each bond's rate of interest to its relative size in the portfolio.

#### Bloomberg Barclays U.S. Aggregate Bond Index

all its agencies, all investment-grade corporate debt and all mortgage-backed securities. at least \$250 million par amount outstanding.

#### 3 U.S. Government/Credit Bond Index

loomberg Barclays U.S. Government and Bloomberg Barclays U.S. es. All issues are rated investment grade or higher, have at least one d have an outstanding par value of at least \$250 million.

This includes all publicly issued, non-convertible domestic debt of the US Government and The minimum maturity is one year, but there is no maximum maturity. The bonds must have

#### Bloomberg Barclays U.S. Government/Credit Intermediate Index

A measure of the movement of approximately 2,800 bonds from the Bloomberg Barclays U.S. Government/Credit index with maturities between 1 and 9.99 years. The total return calculated for the index consists of price appreciation/depreciation and income as a percentage of the original investment.

#### Bloomberg Barclays U.S. Government/Credit Long Index

A measure of the movement of bonds from the Bloomberg Barclays U.S. Government/Credit index with maturities greater than 9.99 years. The total return calculated for the index consists of price appreciation/depreciation and income as a percentage of the original investment.

#### Beta

Measures the risk level of the manager. Beta measures the systematic risk, or the return that is attributable to market movements. A beta equal to one indicates a risk level equivalent to the market. Higher betas are associated with higher risk levels, while lower betas are associated with lower risk levels.

#### **Bottom-Up**

A methodical approach to investing in which investors search for outstanding performance of individual stocks before considering the impact of economic trends. Companies are identified from research reports, stock screens, personal knowledge of the products and services, and other resources. The bottom-up approach assumes that individual companies can do well, even in an industry or sector that is not performing well.

#### **Commingled Account**

The collective investment of the assets of several institutional clients, usually through an investment manager allowing for broader and more efficient investing.



#### **Consumer Price Index (CPI)**

A measure of the average change in prices over time of a fixed group of goods and services. The CPI is published by the Bureau of Labor Statistics in the Department of Labor and is released monthly. It is widely used as a cost-of-living benchmark.

#### Correlation

Statistical measure of the degree to which the movements of two variables are related, ranging from 1 to -1. For asset allocation purposes, mixing two assets with a correlation less than 1 results in a benefit of diversification because the two assets do not behave in exactly the same manner.

#### **Core Investment Style**

An investment approach that managers utilize by reviewing the entire universe of growth and value stocks within a market capitalization range, then choosing a combination of the most attractive of either type to create a blended portfolio with a style that is neither a pure value nor a pure growth. Core portfolio characteristics including P/E ratio, P/B ratio, and dividend yield that typically lie between growth and value portfolios.

#### Coupon

The interest on a debt security, e.g., a bond, the issuer promises to pay to the holder until maturity, expressed as an annual percentage of the security's face value. For example, a bond with a 10% coupon will pay \$10 per \$100 of the face amount per year.

#### **Current Yield**

The annual interest on a bond divided by the market price. If a \$1,000 bond was bought at \$800 and the annual income from the bond was \$100, the current yield is \$100 divided by \$800, or  $12\frac{1}{2}$ %.

#### **Dow Jones Industrial Average**

Computed by summing the prices of the stocks of 30 companies and then dividing that total s been adjusted over the years so that the index is not affected by stock

#### **Downside Risk**

Estimate that a security will decline in value and the extent of the decline, taking into account the total range of factors affecting market price.

#### Duration

Measure of the price change of a bond to a change in its yield to maturity. It summarizes, in a single number, the characteristics that cause bond prices to change in response to a change in interest rates. The price of a bond with a duration of three years will rise by approximately 3% for each 1% decrease in its yield to maturity. That price will decrease 3% for each 1% increase in the bond's yield. Price changes for two different bonds can be compared using duration. A bond with a duration of six years will exhibit twice the percentage price change of a bond with a three year duration. The actual calculation of a bond's duration is somewhat complicated, but the idea behind the calculation is straightforward. The first step is to measure the time interval until receipt for each cash flow (coupon and principal payments) from a bond. The second step is to compute a weighted average of these time intervals. Each time interval is measured by the present value of that cash flow. This weighted average is the duration of the bond measured in years.

#### **Excess Risk**

A measure of the standard deviation of a portfolio's performance relative to the risk free return, represented by 90-Day T-Bills.

#### **Expense Ratio**

A figure that represents the percentage of fund assets paid for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except for brokerage costs and sales charges.



#### **Fundamental Analysis**

A method of analyzing the balance sheet and income statement of a company in order to forecast its future stock price movements. Analysts consider the company's past records of assets, earnings, sales, products, management, and markets in predicting future trends in these indicators of a company's success or failure.

#### **Growth Stock**

Stock of a company which is growing earnings and/or revenue faster than its industry or the overall market and is expected to continue to show high levels of profit growth and P/E multiples. Such a company usually pays little or no dividends, preferring to use the income to finance further expansion. Generally, these stocks are contrasted with value stocks that trade at lower P/E multiples.

#### Information Ratio

The information ratio is a measure of the consistency of excess return. This value is determined by taking the annualized excess return over a benchmark (style benchmark by default) and dividing it by the standard deviation of excess return.

#### Large Cap

"Large cap" refers to stock with a large capitalization, which is calculated by multiplying the number of outstanding shares times the price of the shares. Large cap stocks typically have at least \$5 billion in outstanding market value.

#### **Long-Term Earnings Growth**

The long-term perspective earnings growth rate is the assetweighted average of the long-term perspective earning growth rates of all the domestic stocks in the fund's portfolio as of the date of the portfolio. Each portfolio holding is weighted by the percentage of domestic equity assets it represents, so that largest positions have proportionately greater influence on the fund's aggregate long-term earnings growth rate. Long-term prospective earnings growth rates for stocks are provided by a third party stock data vendor.

#### **Market Capitalization**

The value of a corporation as determined by the market price of its issued and outstanding common stock, calculated by multiplying the number of outstanding shares by the current market price of a share. Market capitalization may also refer to the total current value of the holdings of a mutual fund.

#### Maturity

Refers to the date at which a debt instrument is due and payable. A bond due to mature on January 1, 2010 will return the bondholder's principal and final interest payment when it reaches maturity on that date.

#### **Median Market Capitalization**

The median market capitalization of the companies in a fund's portfolio. Half of the fund's money is invested in the stocks of companies larger than the median market capitalization, and half is invested in smaller issuers.

#### Mid Cap

"Mid cap" refers to stock with a medium capitalization, which is calculated by multiplying the number of outstanding shares times the price of the shares. Mid cap stocks typically have between \$1 and \$10 billion in outstanding market value.

#### MSCI - EAFE

Europe, Australia and Far East Equity Index, calculated by the Morgan Stanley Capital International group. The index acts as a benchmark for managers of international stock portfolios.

#### **Mutual Fund**

A fund operated by an investment company that raises money from shareholders and invests it in stocks, bonds, options, futures, currencies, or money market securities. Mutual funds offer investors the advantages of diversification and professional management. Shares are redeemable on demand at net asset value by shareholders, who share equally in the gains and losses generated by the fund.



#### Price/Book Ratio

This is the weighted average of the price/book ratios of all stocks in a fund's portfolio. The P/B ratio of a company is calculated by dividing the market price of its stock by the company's per share book value (negative book values are excluded).

#### **Price/Earnings Ratio**

This is the weighted average of the price/earnings ratios of all stocks in a fund's portfolio. The P/E ratio of a stock is obtained by dividing the current price of the stock by its trailing 12 months' earnings per share.

#### **Quartile Universe Comparison**

These graphs depict the performance of the fund versus its peer group for the periods listed. Each floating bar represents the universe group's performance over the selected time period. For each period, there is a high, low, median, and first and third quartile point.

#### **R-Squared Statistic**

A statistic that measures the reliability of alpha and beta in explaining the return of a manager as a linear function of the market. Higher Rsquared values indicate more reliable alpha and beta statistics and are useful in assessing a manager's investment style.

#### **ROE (Return on Equity)**

The amount, expressed as a percentage, earned on a company's common stock investment for a given period. Return on equity tells commons stockholders how effectually their money is being employed.

#### **Risk Return Graph**

This graph is used to compare the performance and risk (standard deviation) of the fund against the performance and risk of an appropriate benchmark for a specific period of time.

#### **Rolling Returns Bar Graph**

This graph shows the performance of a fund for a specific trailing period (quarterly), and for every three-month period going back for a set of previous periods.

#### Russell 1000 Index

A market index comprised of the highest-ranking 1,000 stocks in the Russell 3000 Index, representing about 90% of the Russell 3000 Index total market capitalization.

#### Russell 1000 Growth Index

This contains those Russell 1000 securities with a greater-than-average growth orientation. Securities in this index tend to exhibit higher price-to-book and price-earnings ratios, lower dividend yields, and higher forecasted growth values than the Value universe.

#### Russell 1000 Value Index

This contains those Russell 1000 securities with a lower-than-average growth orientation. Securities in this index tend to exhibit lower price-to-book and price-earnings ratios, higher dividend yields, and lower forecasted growth values than the Growth universe.

#### Russell 2000 Index

A market index comprised of the 2,000 smallest companies in the Russell 3000 Index, representing approximately 10% of the Russell 3000 Index total market capitalization.

#### **Russell 2000 Growth Index**

This contains those Russell 2000 securities with a greater-thanaverage growth orientation. Securities in this index tend to exhibit higher price-to-book and price-earnings ratios, lower dividend yields, and higher forecasted growth values than the Value universe.

#### Russell 2000 Value Index

This contains those Russell 2000 securities with a lower-thanaverage growth orientation. Securities in this index tend to exhibit lower price-to-book and price-earnings ratios, higher dividend yields, and lower forecasted growth values than the Growth universe.



#### **Russell Midcap Index**

This contains the 800 smallest companies in the Russell 1000 Index, representing approximately 25% of the Russell 1000 Index total market capitalization.

#### **Russell Midcap Growth Index**

This contains those Russell Midcap securities with a greater-thanaverage growth orientation. Securities in this index tend to exhibit higher price-to-book and price-earnings ratios, lower dividend yields, and higher forecasted growth values than the Value universe.

#### **Russell Midcap Value Index**

This contains those Russell Midcap securities with a lower-thanaverage growth orientation. Securities in this index tend to exhibit lower price-to-book and price-earnings ratios, higher dividend yields, and lower forecasted growth values than the Growth universe.

#### Sector

A particular group of stocks, usually found in one industry or a combination of industries, such as airline or railroad stocks.

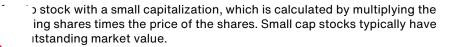
#### **Separate Account**

An account established by an investment manager for investment of a specific client's assets and maintained exclusively for such assets.

#### **Sharpe Ratio**

This is a risk-adjusted measure calculated by using standard deviation and excess return to determine reward per unit of risk. In general, the higher the Sharpe Ratio, the better the fund's historical risk-adjusted performance. The Sharpe ratio is calculated by dividing the fund's annual excess return by the fund's annualized standard deviation.

#### **Small Cap**



#### Standard & Poor's Index (S&P 500)

Covers 400 industrial, 40 utility, 20 transportation, and 40 financial companies of the US markets (mostly NYSE issues). The index represents about 75% of NYSE market capitalization. It is a capitalization-weighted index calculated on a total return basis with dividends reinvested.

#### Standard Deviation

A statistical gauge of risk which measures the spread of the difference of returns from their average. The more a portfolio's returns vary from its average, the higher the standard deviation.

#### **Top-Down**

A methodical approach to investing in which investors consider current trends in the overall economy, and next selects the industries and then companies that should benefit from such trends. For example, if inflation stays low consumers' spending power will be enhanced; investors may be attracted to retailing companies with the best earnings prospects in the near-term. If rapid inflation is expected, investors might look at the mining industry and then try to determine which particular gold, copper or other mining company might benefit from a rising trend in prices. The opposite approach to top-down investing is a bottom-up method.

#### **Tracking Error**

The deviation of a dependent variable (i.e. an investment portfolio) with respect to a reference function (i.e. a benchmark index).

#### **Turnover Ratio**

This is a measure of the fund's trading activity that is calculated by taking the lesser of purchases or sales (excluding all securities with maturities of less than one year) and dividing by average monthly assets. The resulting percentage loosely represents the percentage of the portfolio's holdings that have changed over the past year.

#### Universe

These are composites of managers that share a common investment style and provide a peer analysis of how the fund is performing relative to other investments in the same asset and style category



#### **Up/Down Capture**

The up and down capture is a measure of how well a manager was able to replicate or improve on phases of positive benchmark returns, and how badly the manager was affected by phases of negative benchmark returns. To calculate the up capture, we first form a new series from the manager and benchmark series by dropping all time periods where the benchmark return is zero or negative. The up capture is then the quotient of the annualized return of the resulting manager series, divided by the annualized return of the resulting benchmark series. The down capture is calculated analogously.

#### Value Stock

A stock that is considered to be a good investment at a desirable price, based on fundamental analysis, such as its P/B and its P/E, among other criteria. Generally, these stocks are contrasted with growth stocks that trade at higher P/E multiples.



Name	Description
Bloomberg U.S. Corporate High Yield Bond Index	An index that covers the USD-dominated, non-investment grade, fixed rate, taxable corporate bond market. Debt issues from emerging market countries are excluded. Securities are classified as high-yield if the middle rating is Ba1/BB+ or below.
Bloomberg Emerging Markets Index	An unmanaged index that tracks total returns for external-currency-denominated debt instruments of the emerging markets.
Bloomberg Global Aggregate	Provides a broad-based measure of the global investment-grade fixed income markets. The three major components of this index are the U.S. Aggregate, the Pan-European Aggregate, and the Asian-Pacific Aggregate Indices. The index also includes Eurodollar and Euro-Yen corporate bonds, Canadian government, agency and corporate securities, and USD investment grade 144A securities.
Bloomberg Global Treasury Ex-US	The Global Treasury ex US Index is a subset of the flagship Global Treasury Index that does not have any exposure to US debt. This multi-currency benchmark includes investment grade, fixed-rate bonds issued by governments in their native currencies.
Bloomberg Universal Index	A market value-weighted index which is the union of the U.S. Aggregate Index, U.S. High Yield Corporate Index, Eurodollar Index, U.S. Emerging Markets Index and the CMBS High Yield Index. The Index is appropriate for core plus fixed income mandates.
Bloomberg U.S. Government Index	A market value weighted index of U.S. government and government agency securities (other than mortgage securities) with maturities of one year or more.
Bloomberg U.S. Government/Credit Index	A subcomponent of the Capital Aggregate Index, this benchmark includes treasury securities, government related issues, and high-quality corporate bonds with an outstanding par value of \$250 million or greater and at least one year of maturity remaining.
Bloomberg U.S. High Yield Index	An index composed of non-investment grade corporate debt denominated in U.S. dollars. The issues have to have an outstanding par value of \$150 million or greater and at least one year of maturity remaining.
Bloomberg U.S. Inflation Index	Measures the performance of the U.S. Treasury Inflation Protected Securities ("TIPS") market.
Bloomberg U.S. Intermediate Aggregate Bond Index	A market value-weighted index consisting of U.S. Treasury securities, corporate bonds and mortgage-related and asset-backed securities with one to ten years to maturity and an outstanding par value of \$250 million or greater
Bloomberg U.S. Intermediate Government/Credit Index	A market-value weighted index consisting of government bonds and SEC-registered corporate bonds with one to ten years to maturity and an outstanding par value of \$150 million or greater.
Bloomberg U.S. Intermediate Government Bond Index	An unmanaged index considered representative of intermediate- term fixed-income obligations issued by the U.S. treasury, government agencies and quasi-federal corporations.



Name	Description
Bloomberg U.S. Intermediate Treasury	An unmanaged index considered representative of intermediate-term fixed- income obligations issued by the U.S. treasury.
Bloomberg U.S. Aggregate Bond Index	A market value-weighted index consisting of government bonds, SEC-registered corporate bonds and mortgage-related and asset-backed securities with at least one year to maturity and an outstanding par value of \$250 million or greater. This index is a broad measure of the performance of the investment grade U.S. fixed income market.
Bloomberg U.S. Long Credit Bond Index	An unmanaged index considered representative of long-term fixed-income obligations issued by U.S. corporate, specified foreign debentures, and secured notes that meet the specified maturity, liquidity, and quality requirements. To qualify, bonds must be SEC-registered.
Bloomberg U.S. Long Government/Credit Index	The Capital U.S. Government/ Credit Bond Index measures performance of U.S. dollar denominated U.S. treasuries, government-related, and investment grade U.S. corporate securities that have a remaining maturity of greater than or equal to 1 year. In addition, the securities have \$250 million or more of outstanding face value, and must be fixed rate and non-convertible.
Bloomberg U.S. Long-Term Government Bond Index	An unmanaged index considered representative of long-term fixed- income obligations issued by the U.S. treasury, government agencies and quasi-federal corporations.
Bloomberg U.S. TIPS	A market value-weighted index consisting of U.S. Treasury Inflation Protected Securities with one or more years remaining until maturity with total outstanding issue size of \$500m or more.
Bloomberg U.S. Treasury 20-30 Year STRIPS Index	A subcomponent of the Aggregate Index, this benchmark includes long-term treasury STRIPS.
Bloomberg Commodity Index	Consists of 22 exchange-traded futures on physical commodities, which are weighted to account for economic significance and market liquidity. Performance is calculated on an excess return basis and reflects commodity future price movements.
BofA Merrill Lynch 3 Month Treasury Bill	An index that measures the average return of the last three-month U.S. Treasury Bill issues .
BofA Merrill Lynch High Yield Master	A market capitalization-weighted index that tracks the performance of U.S. dollar- denominated, below investment grade corporate debt publicly issued in the U.S. domestic market.



Name	Description
Citigroup 90-Day T-Bill Index	An index that measures the average return of the last three-month U.S. Treasury Bill issues
CRSP US Large Growth Cap Index	An index comprised of nearly 330 US large cap growth companies and includes securities traded on NYSE, NYSEMarket, NASDAQ, or ARCA, representing nearly 45% of the U.S. investable equity market. The index is reconstituted quarterly after the market close on the third Fridays of March, June, September, and December. CRSP classifies growth securities using the following factors: future long-term growth in earnings per share (EPS), future short-term growth in EPS, 3-year historical growth in EPS, 3-year historical growth in sales per share, current investment-to-assets ratio, and return on assets.
CRSP US Total Market Index	An index comprised of nearly 4,000 constituents across mega, large, small, and micro capitalizations and includes securities traded on NYSE, NYSE Market, NASDAQ, or ARCA, representing nearly 100% of the U.S. investable equity market. The index is reconstituted quarterly after the market close on the third Fridays of March, June, September, and December.
Credit Suisse Leveraged Loan Index	Designed to mirror the investable universe of the U.S. dollar denominated leveraged loan market.
DJ U.S. Completion Total Stock Market Index	A capitalization-weighted index that consists of the stocks in the Dow Jones U.S. Total Stock Market Index less the stocks in the S&P 500 Stock Index.
DJ U.S. Total Stock Market Index	A capitalization-weighted stock index representing all domestic common stocks traded regularly on the organized exchanges. The index is the broadest measure of the aggregate domestic stock market and includes approximately 5,000 stocks.
FTSE 4Good U.S. Select Index	A socially responsible investment (SRI) index of US stocks that excludes companies with certain business activities such as weapons, tobacco, gambling, alcohol, nuclear power, and adult entertainment
FTSE All-World ex-U.S. Index	A capitalization-weighted stock index representing 46 developed market countries and emerging market countries excluding the U.S.
FTSE EPRA NAREIT Global ex-U.S. Index	Designed to represent general trends in eligible real estate equities worldwide. Relevant real estate activities are defined as the ownership, disposure and development of income-producing real estate.
FTSE Global All Cap ex US Index	A market-capitalization weighted index representing the performance of roughly 5350 large, mid and small cap companies in 46 Developed and Emerging markets worldwide, excluding the USA.
FTSE Global Core Infrastructure Index	Represents the performance of infrastructure and infrastructure-related securities companies in a set of industries that FTSE defines as being involved in infrastructure. The series is based on the FTSE Global Equity Index Series and both developed and emerging markets are included.



Name	Description
FTSE NAREIT U.S. Equity REITS	Free float adjusted, market capitalization weighted index of US based equity real estate investment trusts (REITs).
Goldman Sachs Commodity Index	A composite index of commodity sector returns which represents a broadly diversified, unleveraged, long-only position in commodity futures.
HFR Fund-of-Fund Index.	This index is equity-weighted including 800 constituents. It includes both domestic and offshore accounts and is valued in U.S. dollars. Only fund-of-fund products are included in the index that have at least \$50 million under managements and have been actively trading for at least one year. All funds report net returns on a monthly basis.
HFRI Fund Weighted Composite Index	The HFRI Fund Weighted Composite Index is a global, equal-weighted index of over 2,000 single-manager funds that report to HFR Database. Constituent funds report monthly net of all fees performance in US Dollar and have a minimum of \$50 Million under management or a twelve (12) month track record of active performance. The HFRI Fund Weighted Composite Index does not include Funds of Hedge Funds.
Hueler Stable Value Index	The Hueler Analytics Stable Value Pooled Fund Comparative Universe represents investment strategies of \$96 billion in stable value assets, across 24 pooled funds, invested in contracts universe across a universe of 16 general account issuers and 14 synthetic wrap providers. The allocation of pooled fund assets is dominated by synthetic contracts issued by insurance companies and banks.
J.P. Morgan EMBI Global Diversified	Comprised of dollar-denominated Brady bonds, traded loans and Eurobonds issued by emerging market sovereign and quasi-sovereign entities. The Diversified version limits the weights of the index countries by only including a specified portion of those countries' eligible current face amounts of debt outstanding, providing for a more even distribution of weights within the countries in the index.
iMoneyNet All Taxable Money Funds Index	An index made up of the entire universe of money market mutual funds. The index currently represents over 1,300 funds, or approximately 99 percent of all money fund assets.
iMoneyNet Money Fund Average.	An index made up of the entire universe of money market mutual funds. The index currently represents over 1,300 funds, or approximately 99 percent of all money fund assets.
MSCI All Country World ex-U.S. Index	A capitalization-weighted index of stocks representing 44 stock markets in Europe, Australia, the Far East, the Middle East, Latin America and North America. Index consists of 23 developed and 21 emerging countries, but excludes the U.S.
MSCI All Country World ex-U.S. Index IMI	A capitalization-weighted index of large, mid and small cap stocks representing 22 developed (excluding the United States) and 24 emerging market countries. The index is the broadest measure of the aggregate non-US stock market, covering approximately 99% of the global equity investment opportunity set outside of the United States.



Name	Description
MSCI All Country World ex-U.S. Small Cap Index	Covers all investable small cap securities with a market capitalization below that of the companies in the MSCI Standard Indices (excluding U.S.), and target approximately 14% of each market's free-float adjusted market capitalization.
MSCI All Country World Index IMI	A capitalization-weighted index of large, mid and small cap stocks representing 23 developed and 24 emerging market countries. The index is the broadest measure of the aggregate global stock market, covering approximately 99% of the global equity investment opportunity set.
MSCI All Country World Index	A capitalization-weighted index of stocks representing 46 stock markets in Europe, Australia, the Far East, the Middle East, Latin America and North America.
MSCI EAFE Growth Index	A capitalization-weighted index of 21 stock markets in Europe, Australia, Asia and the Far East designed to capture the growth-oriented companies.
MSCI EAFE Small Cap Index	A capitalization-weighted index of small cap stocks representing 23 developed country markets in Europe, Australia, Asia, and the Far East.
MSCI EAFE Value Index	A capitalization-weighted index of 21 stock markets in Europe, Australia, Asia and the Far East designed to capture the value-oriented companies.
MSCI Emerging Markets Index	A capitalization-weighted index of stocks representing 22 emerging country markets.
MSCI U.S. Broad Market Index	A capitalization-weighted stock index that aggregates the MSCI U.S. Large Cap 300, Mid Cap 450, Small Cap 1,750 and Micro-Cap Indices. This index represents approximately 99.5% of the capitalization of the U.S. Equity market and includes approximately 3,562 companies.
MSCI U.S. REIT Index	A broad index that fairly represents the equity REIT opportunity set with proper invest ability screens to ensure that the index is investable and replicable. The index represents approximately 85% of the U.S. REIT universe
MSCI World Index	A free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed markets, representing 24 developed market country indices.
NCREIF Property Index	NCREIF Property Index - A capitalization-weighted index of privately owned investment grade income-producing properties representing approximately \$269 billion in assets.



Name	Description
NFI ODCE Index	NFI ODCE Index - A capitalization weighted index comprised of open-end, Core funds investing in commercial real estate properties. The funds that constitute the index are subject to certain geographic and property type diversification requirements as well as leverage restrictions. The index reflects the impact of leverage on investment results. The returns shown in this report are net of management fees of the respective funds included in the index.
Rolling 3-year Constant Maturity Treasury Index	An index published by the Federal Reserve Board based on the monthly average yield of a range of Treasury securities, all adjusted to the equivalent of a three-year maturity.
Russell 1000 Growth Index	An index that measures the performance of those Russell 1000 companies with higher price-to- book ratios and higher I/B/E/S growth forecasts.
Russell 1000 Index	A capitalization-weighted index of the 1,000 largest publicly traded U.S. stocks by capitalization.
Russell 1000 Value Index.	An index that measures the performance of those stocks included in the Russell 1000 Index with lower price-to-book ratios and lower I/B/E/S earnings growth forecasts.
Russell 2000 Growth Index	A capitalization-weighted index of those stocks in the Russell 2000 Index with higher price-to-book ratios and higher I/B/E/S earnings growth forecasts.
Russell 2000 Index	A capitalization-weighted index of the smallest 2,000 stocks in the Russell 3000 Index. The index excludes the largest-and smallest-capitalization issues in the domestic stock market.
Russell 2000 Value Index	An index that measures the performance of those stocks included in the Russell 2000 Index with lower price-to-book ratios and lower I/B/E/S earnings growth forecasts.
Russell 2500 Growth Index	A capitalization-weighted index representing those companies within the Russell 2500 Index with higher price-to-book ratios and higher I/B/E/S earnings growth forecasts.
Russell 2500 Index	The Index is constructed by first identifying the 3,000 largest-capitalization U.S. stocks and ranking them by market capitalizations, choosing the bottom 2,500 names on the list.
Russell 2500 Value Index.	an index that measures the performance of those stocks included in the Russell 2500 Index with lower price-to-book ratios and lower I/B/E/S earnings growth forecasts.



Name	Description
Russell 3000 Growth Index	A capitalization-weighted index consisting of those Russell 3000 Index stocks that have higher price-to-book ratios and higher I/B/E/S earnings growth forecasts.
Russell 3000 Index	A capitalization-weighted index consisting of the 3,000 largest publicly traded U.S. stocks by capitalization. This index is a broad measure of the performance of the aggregate domestic equity market.
Russell 3000 Value Index	A capitalization-weighted index consisting of those Russell 3000 Index stocks that have lower price-to-book ratios and lower I/B/E/S earnings growth forecasts.
Russell Mid Cap Growth Index	A capitalization-weighted index representing those stocks in the Russell MidCap Index with higher price-to-book ratios and higher I/B/E/S earnings growth forecasts.
Russell Mid Cap Value Index	A capitalization-weighted index consisting of those Russell MidCap Index stocks that have lower price-to-book ratios and lower I/B/E/S earnings growth forecasts.
S&P 500 Index	A capitalization-weighted index representing stocks chosen by Standard & Poor's, Inc. for their size, liquidity, stability and industry group representation. The companies in the S&P 500 Index are generally among the largest in their industries.
S&P Completion Index	The S&P Completion Index is a sub-index of the S&P Total Market Index, including all stocks eligible for the S&P TMI and excluding all current constituents of the S&P 500. The index covers approximately 4,000 constituents, offering investors broad exposure to mid, small, and micro-cap companies.
S&P GSCI®	Both the first major investable commodity index and one of the most widely recognized benchmarks, the S&P GSCI® is broad-based, production weighted, and meant to be representative of the global commodity market beta.
S&P Leverage Loan Index	A daily total return index that uses LSTA/LPC Mark-to-Market Pricing to calculate market value change.
S&P Midcap 400 Index	A market-capitalization-weighted index of stocks in all major industries in the mid-range of the U.S. stock market.
Wilshire REIT	A measure of the types of U.S. real estate securities that represent the ownership and operation of commercial or residential real estate. To be included in the index, a company must have a market capitalization of \$200 million and have at least 75% of the total revenue derived from the ownership and operation of the real estate assets.

- Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect our fees or expenses.
- Past performance is no guarantee of future results.



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### Past performance is not necessarily indicative of future results.

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