UNIVERSITY OF CALIFORNIA

Pension & Savings Program

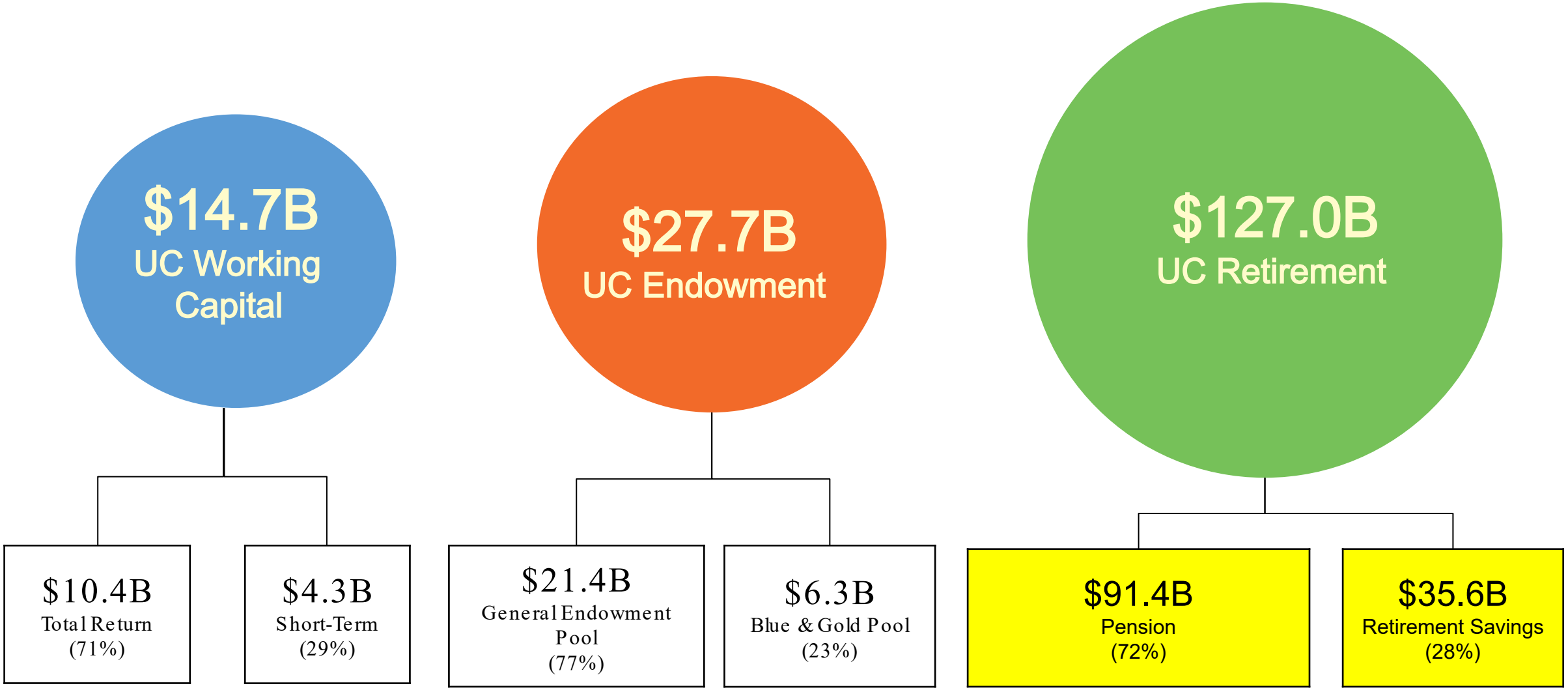
December 31, 2023

UC INVESTMENTS

UC Investments Way

UC INVESTMENTS ASSETS

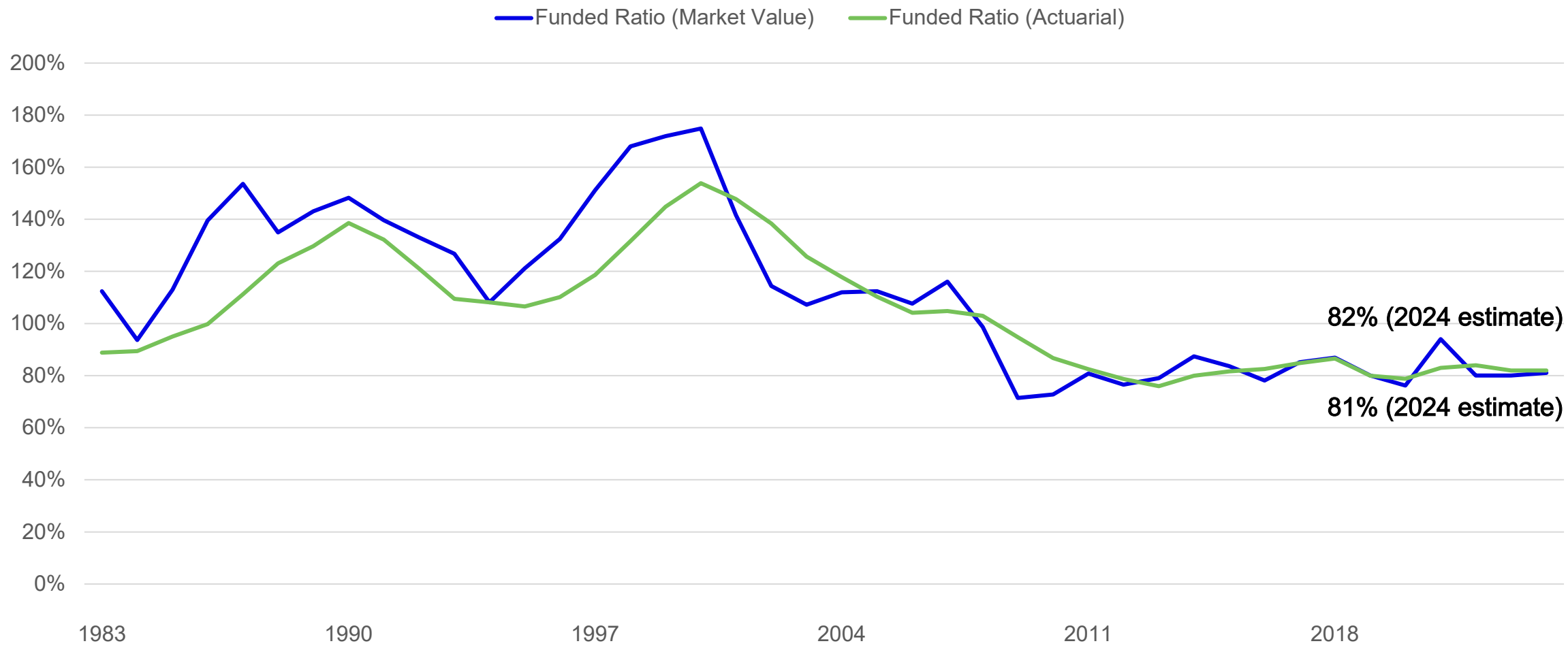
$169 Billion in Six Products as of December 31, 2023



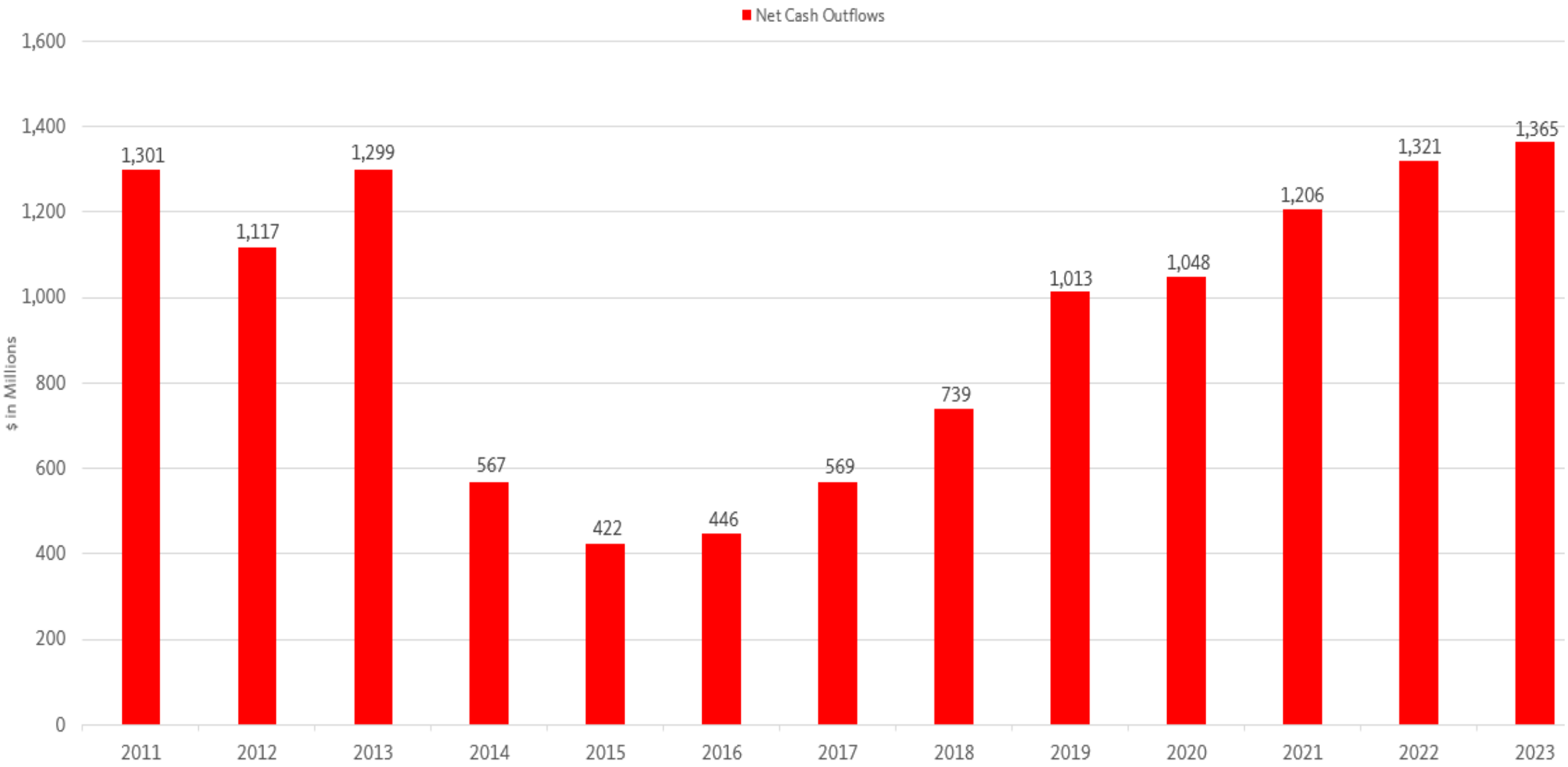
Pension

Pension Funded Ratio

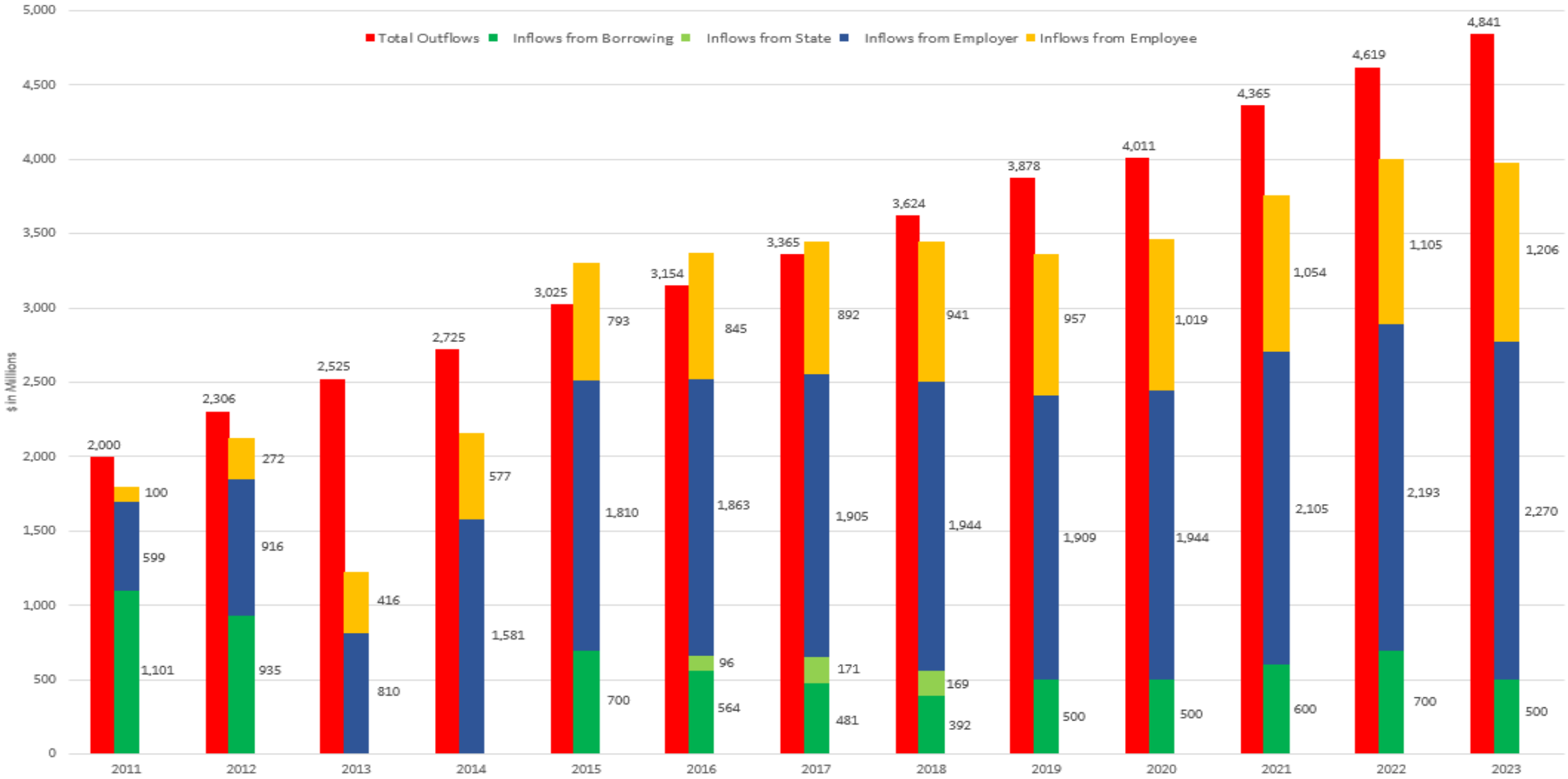
Pension is 82% Funded on an Actuarial Basis in 2024



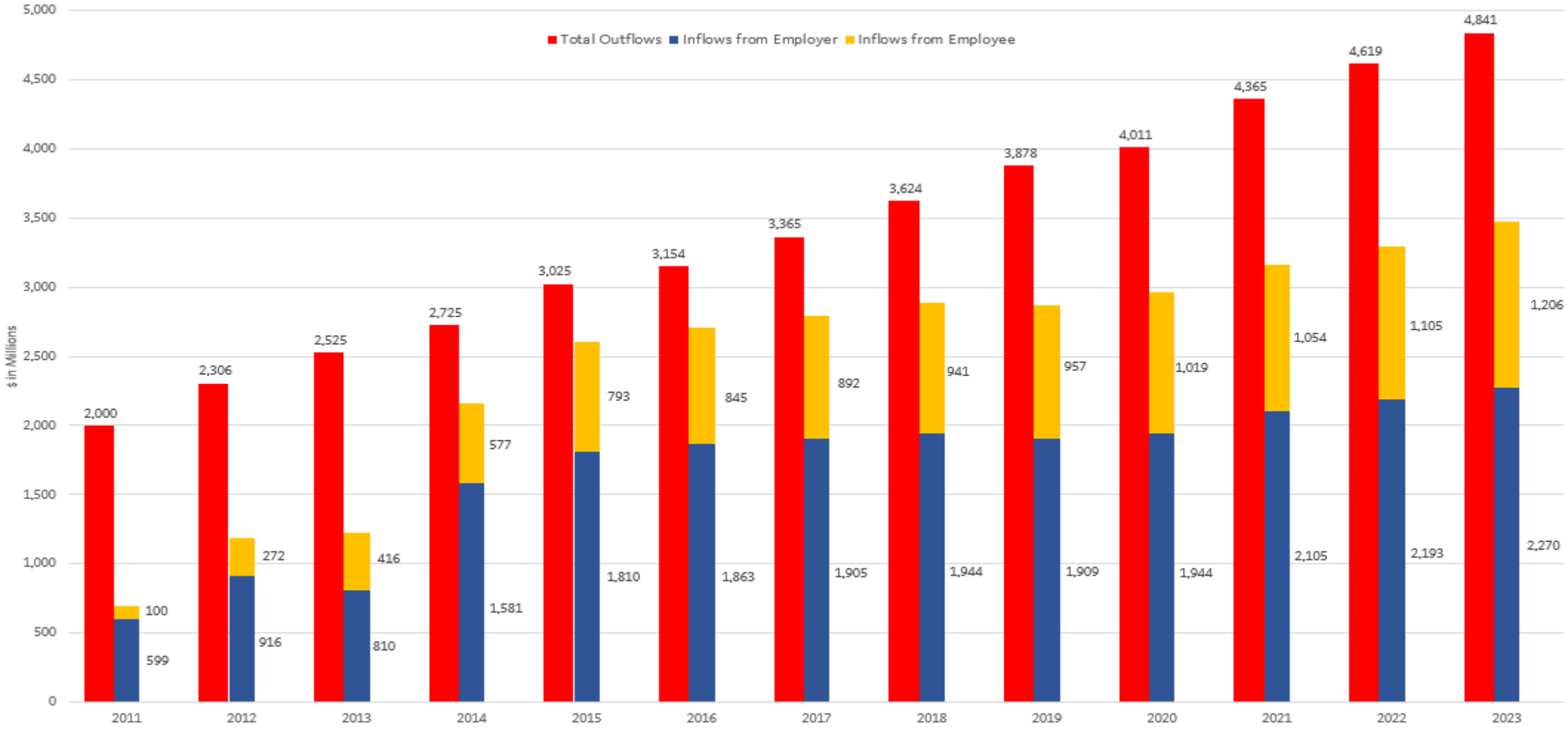
Pension Net Cash Outflows



Pension Cash Flows

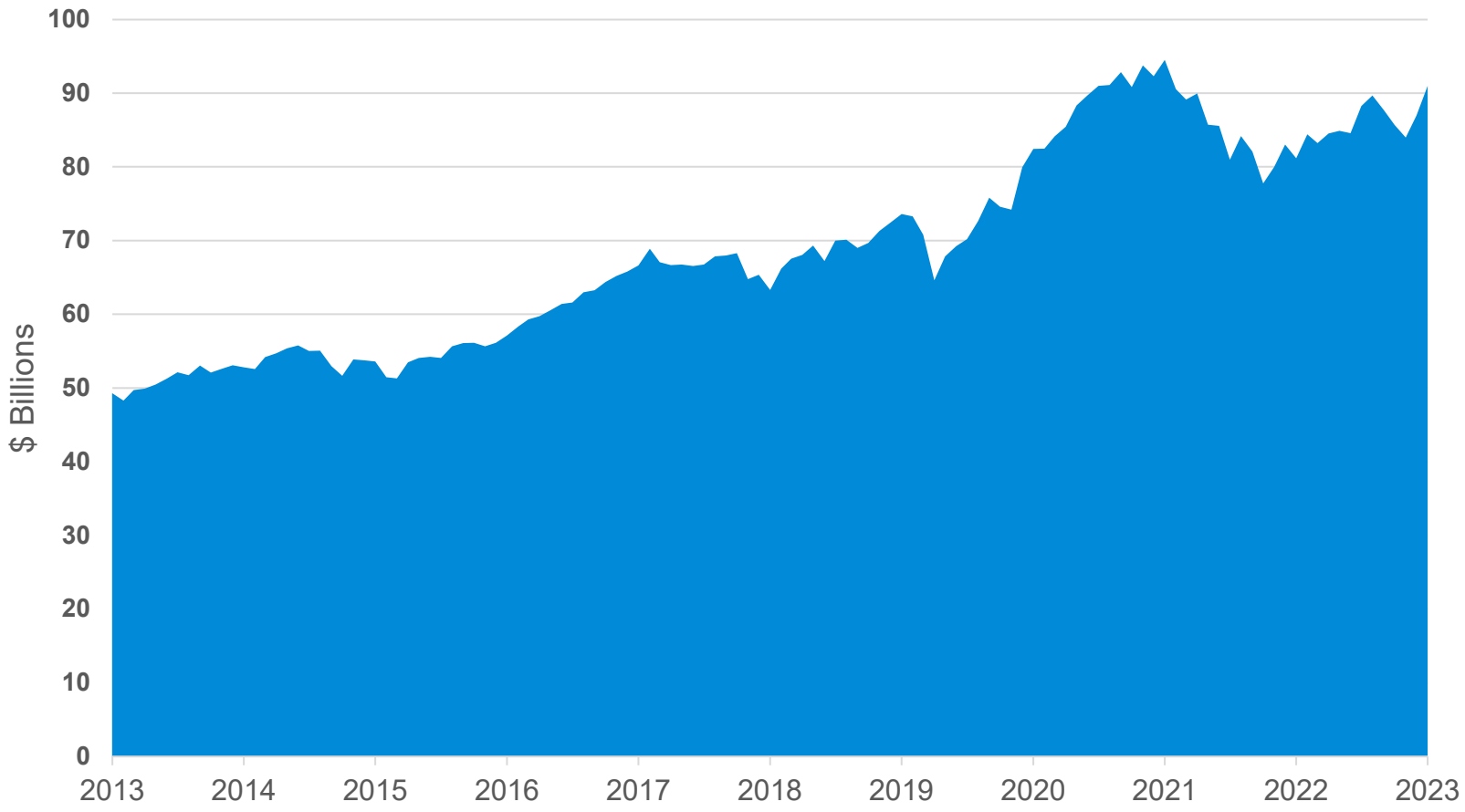


Pension Cash Flows



Pension Assets Growth

PENSION ASSETS 2013 – 2023

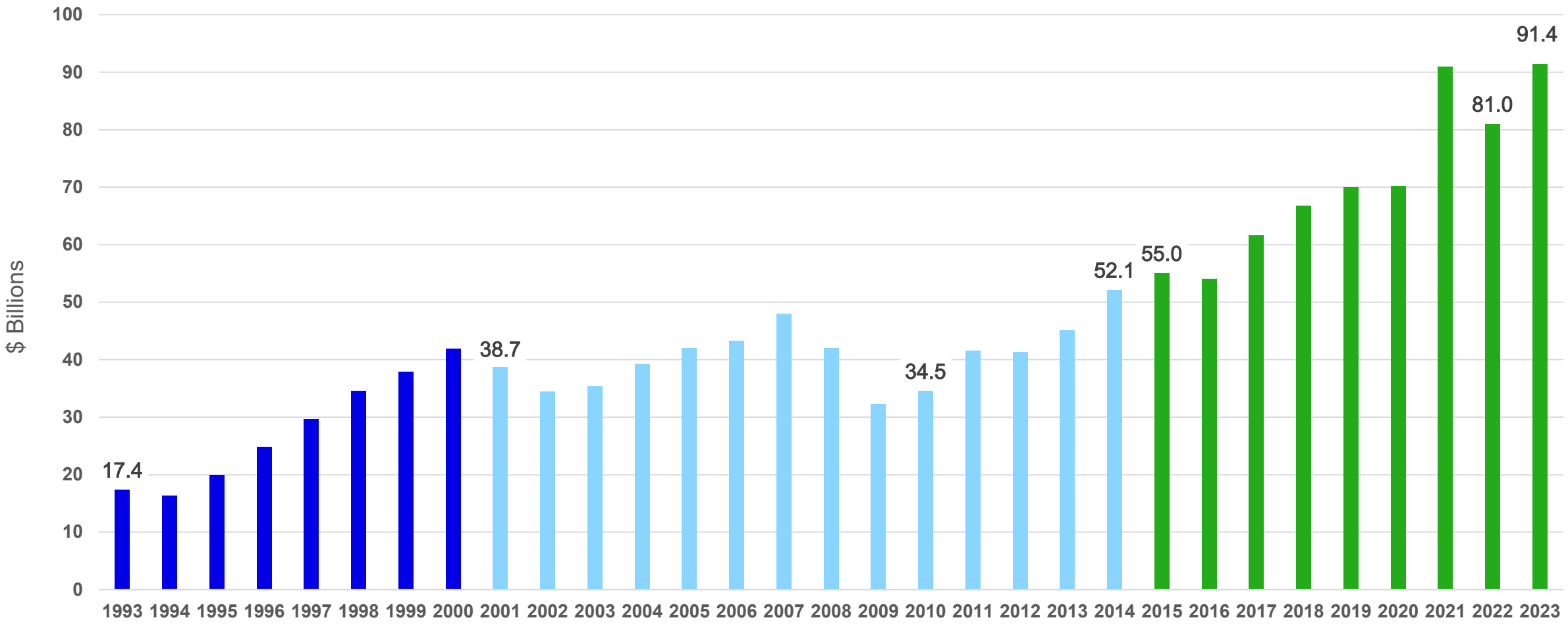


ASSET GROWTH

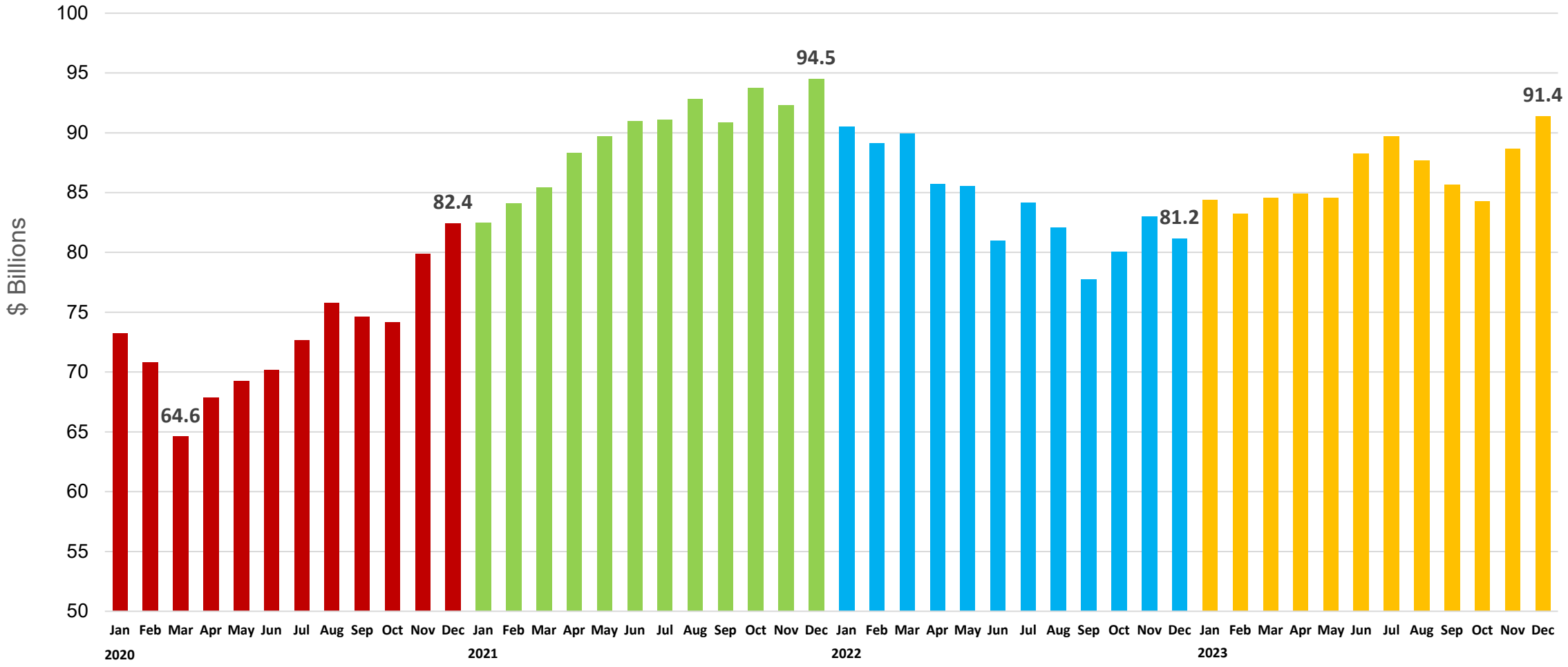
December 31, 2023

		Δ Change
Today	$91,416M	
1 Year Ago	$81,175M	+10,241M
5 Years Ago	$63,295M	+$28,121M
9 Years Ago	$52,801M	+$38,615M
10 Years Ago	$49,270M	+$42,146M

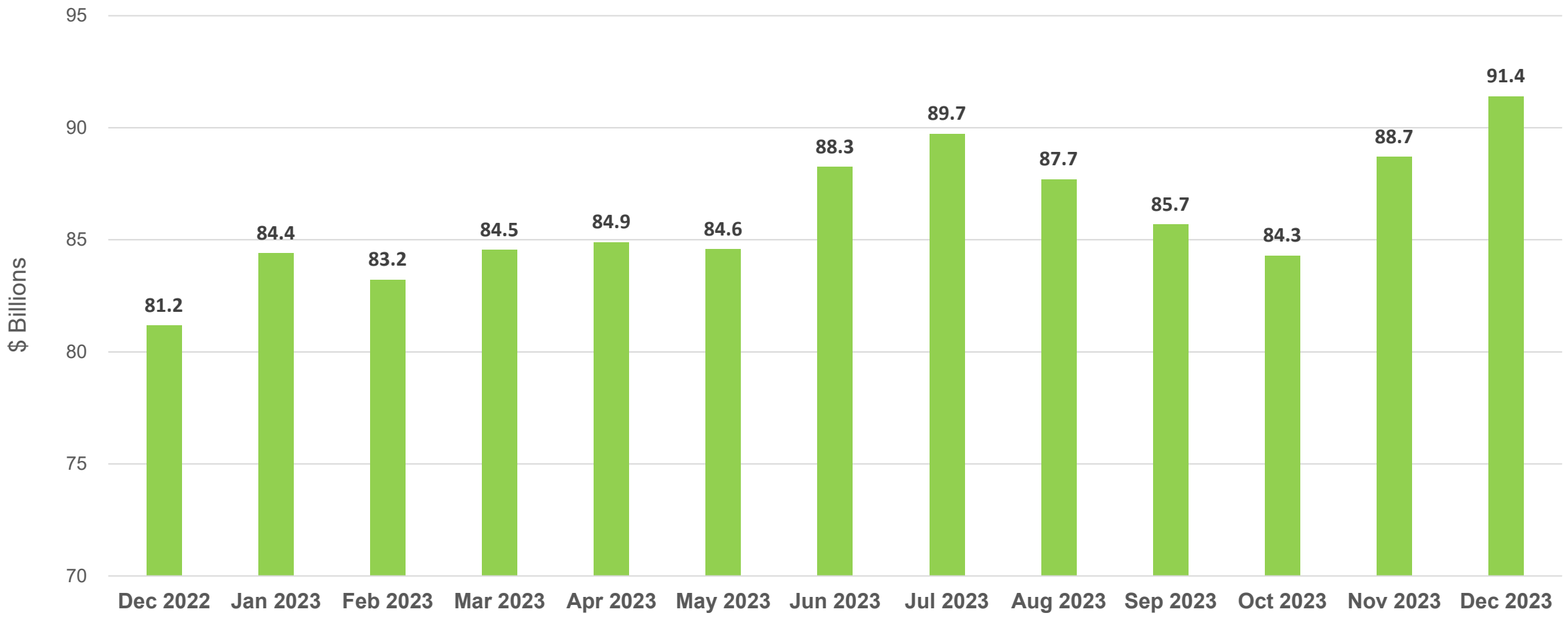
Pension Assets
30 Years (1994 – 2023)



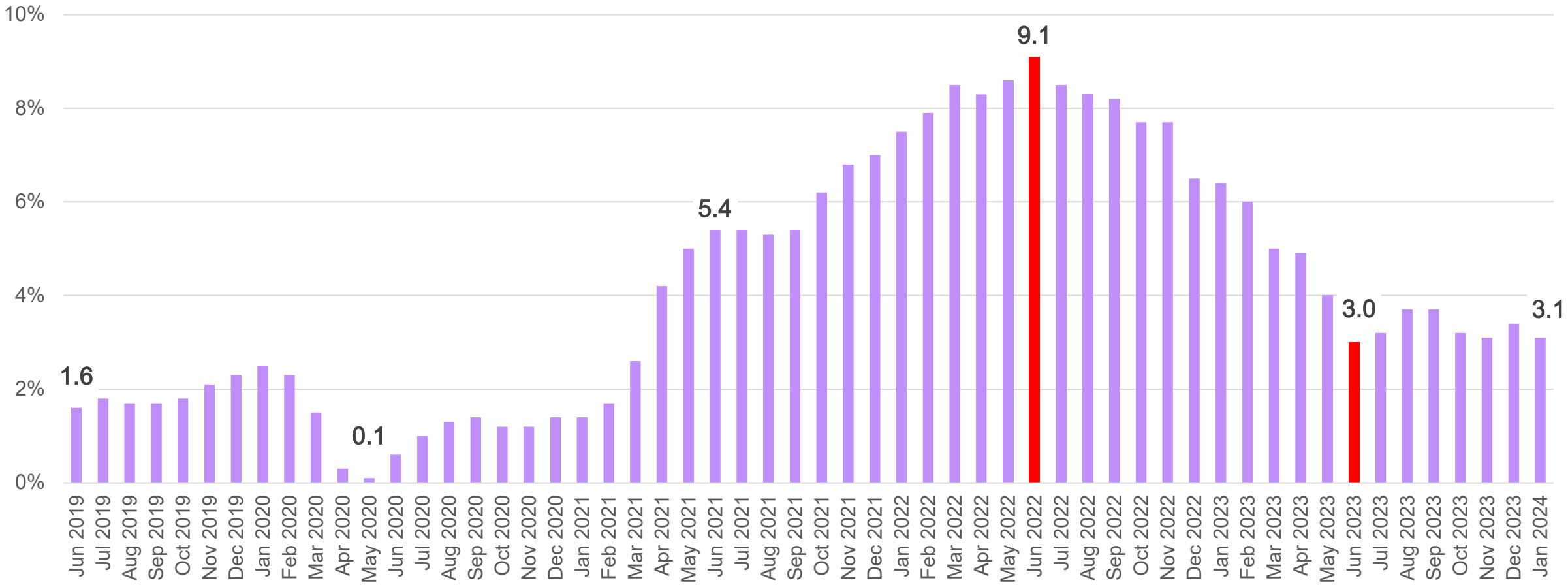
Pension Assets
4 Years (2020 – 2023)



Pension Assets
1 Year (2023)

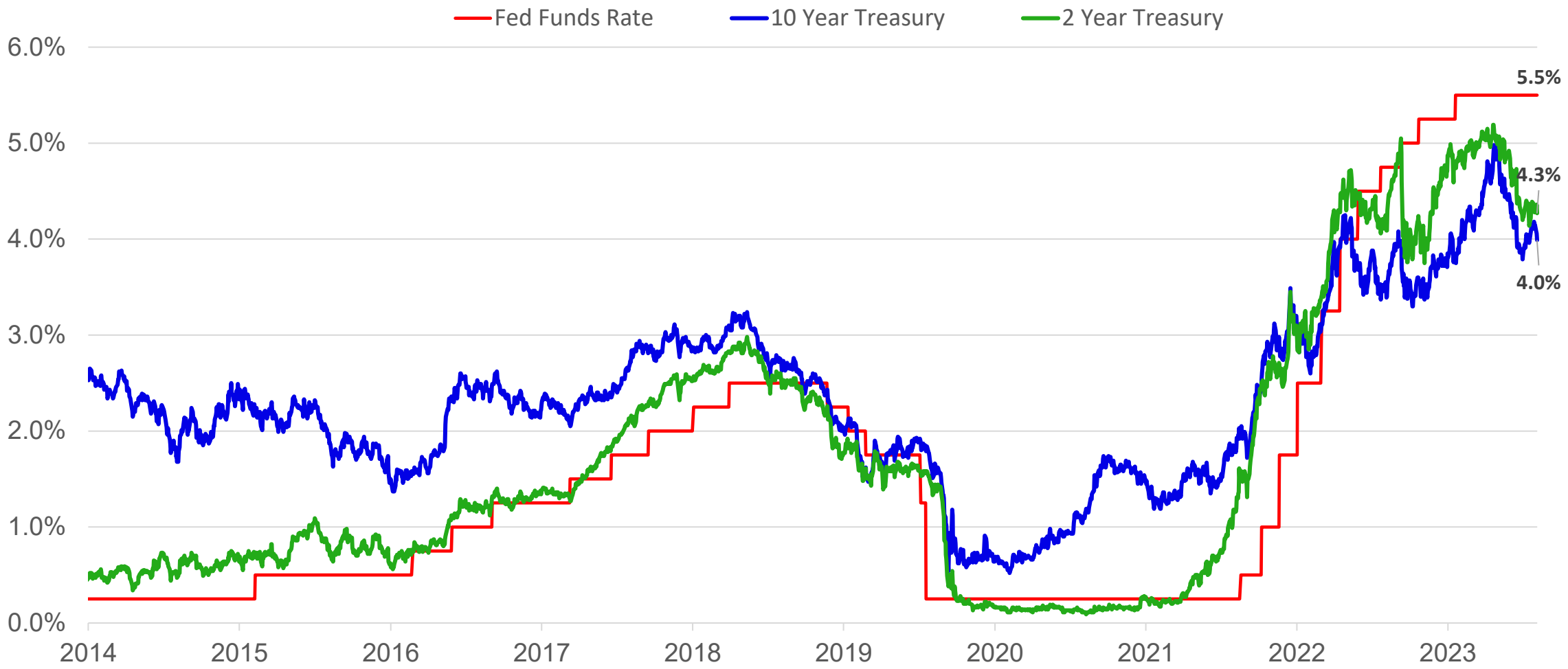


Inflation Is Lower But Stubborn



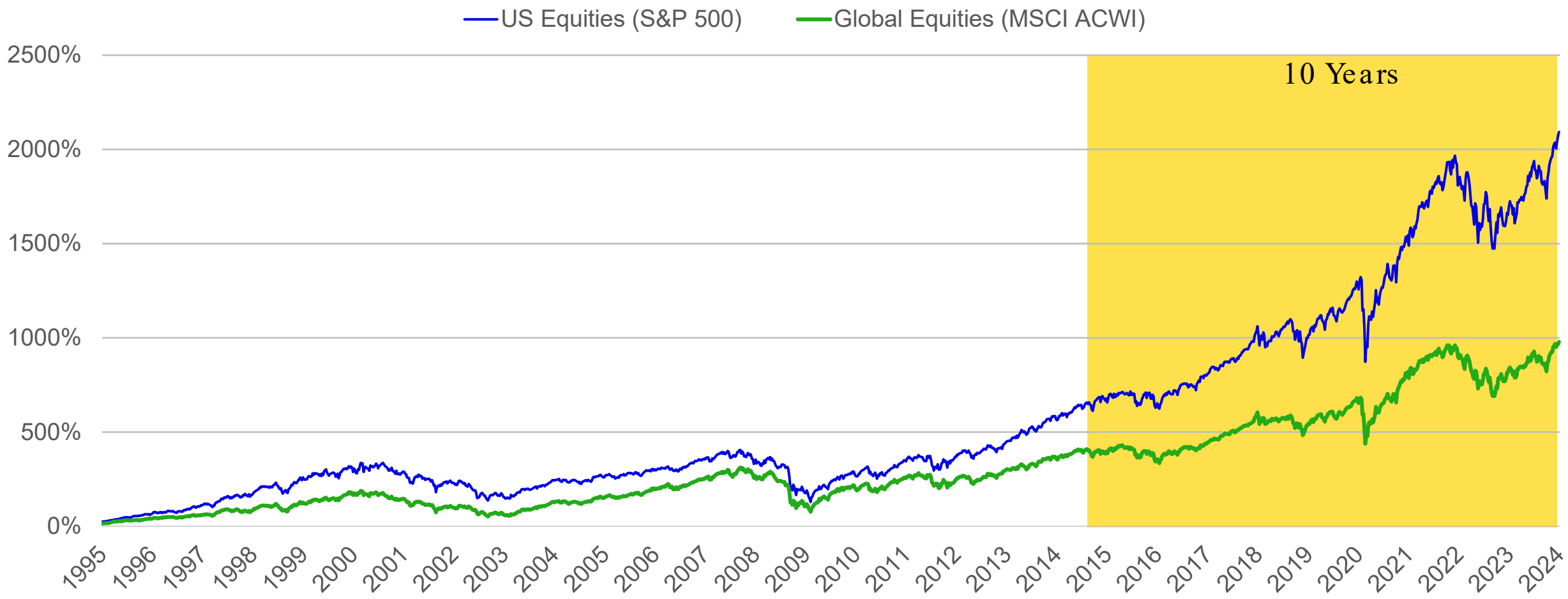
Source: Bloomberg

Fed Fund Rate Is 5.25% - 5.5%



Source: Bloomberg

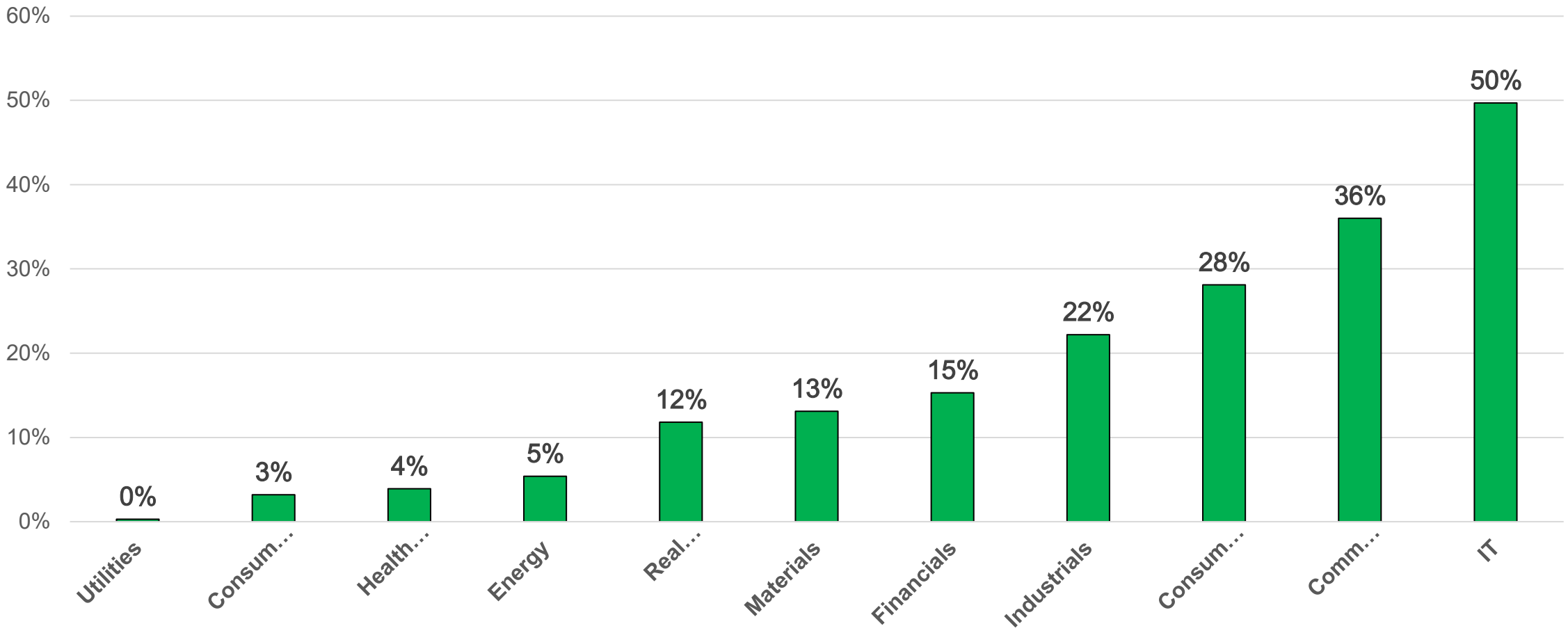
Where Will Equities Go?
30 Years



Source: Bloomberg

Global Equity Returns By Sector
1 Year (2023)

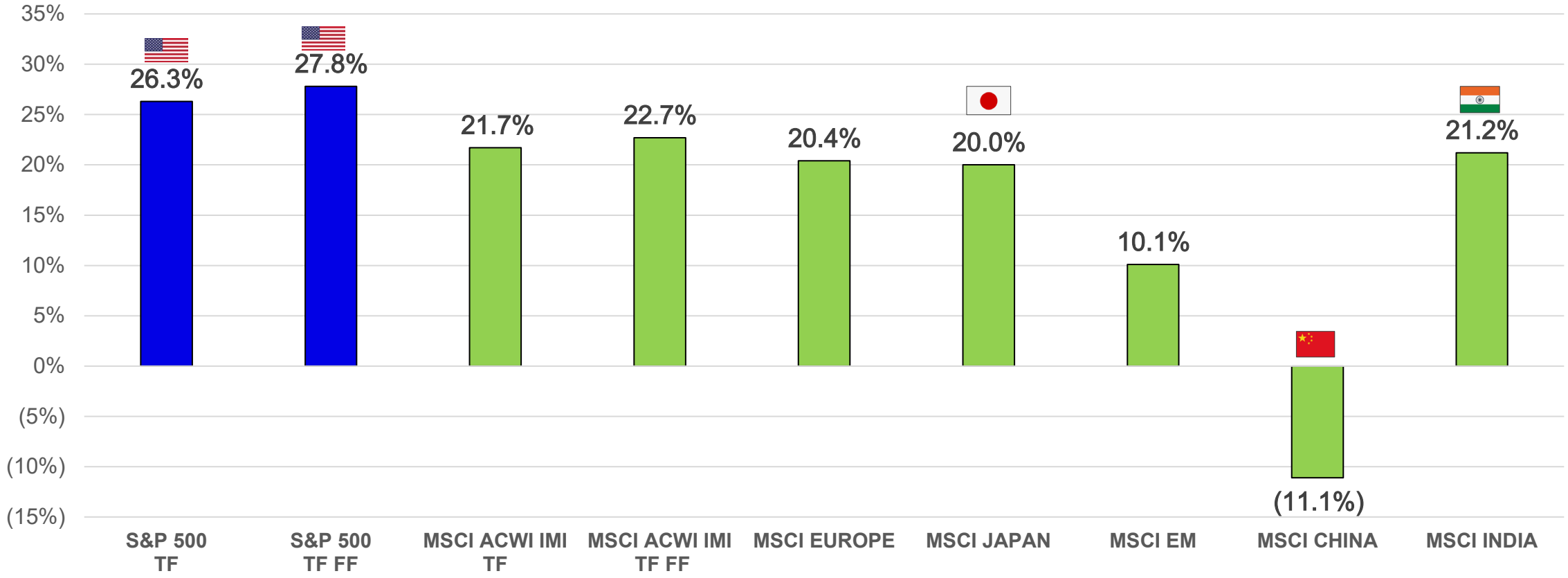
As of December 31, 2023



Source: Bloomberg

Global Equity Performance
1 Year (2023)

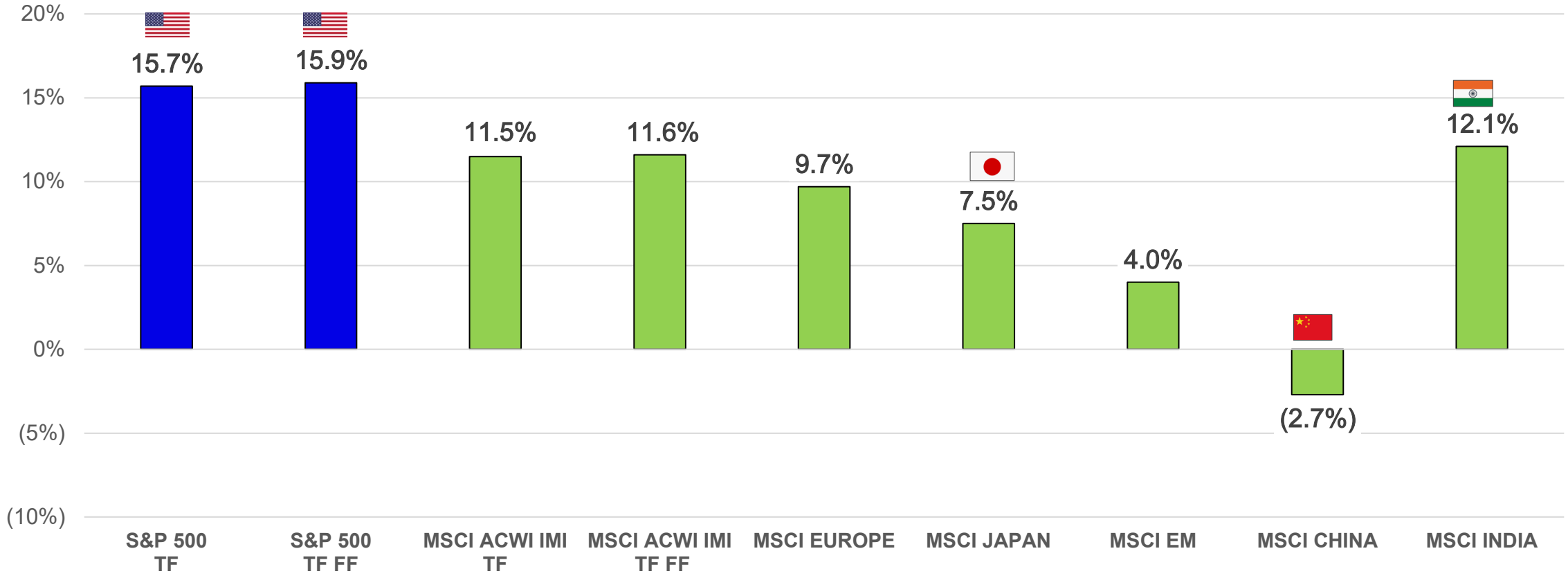
As of December 31, 2023



TF: Tobacco Free, FF: Fossil Fuel Free
Denominated in USD
Source: Bloomberg

As of December 31, 2023

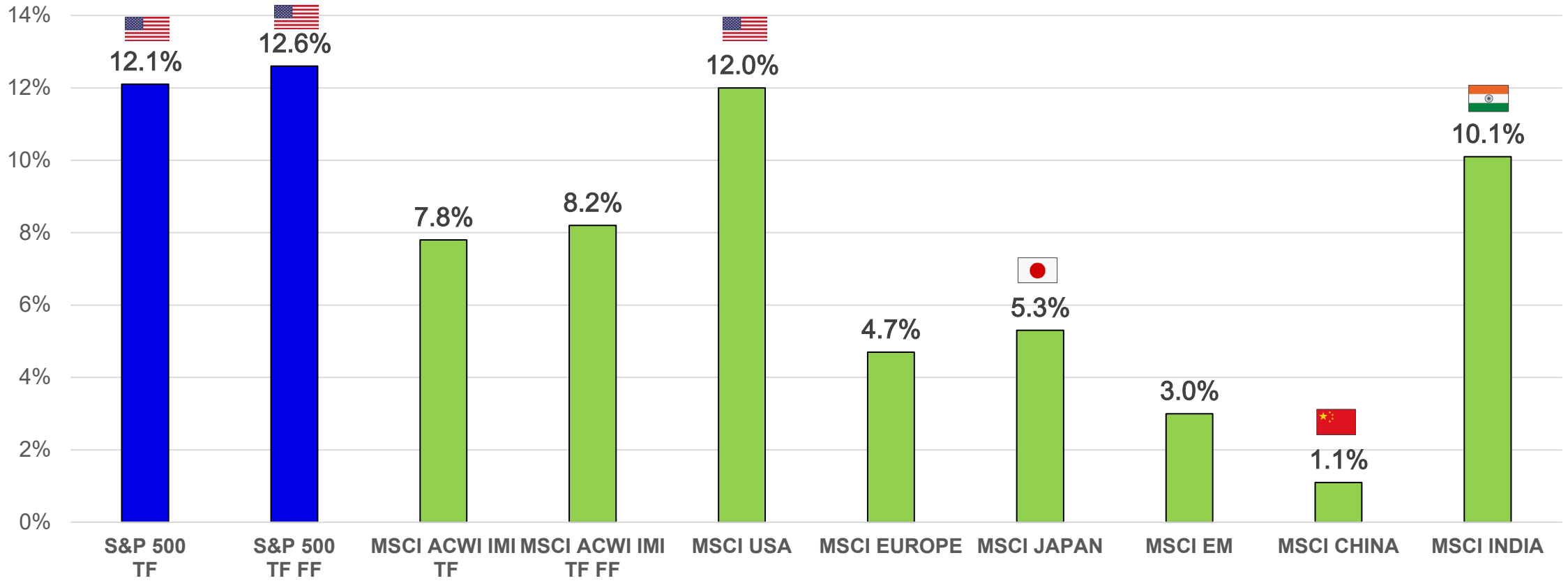
Global Equity Performance
5 Years Annualized (2019 - 2023)



TF: Tobacco Free, FF: Fossil Fuel Free
Denominated in USD
Source: Bloomberg

Global Equity Performance
10 Years Annualized (2014 - 2023)

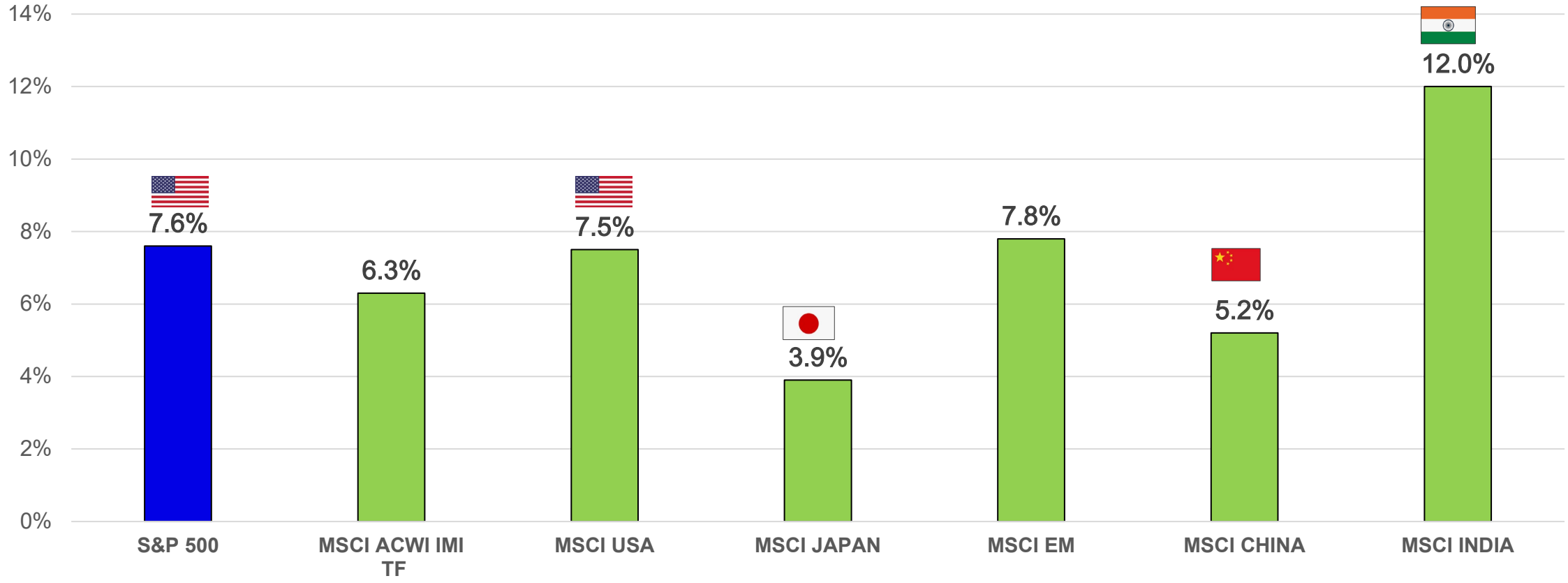
As of December 31, 2023



TF: Tobacco Free, FF: Fossil Fuel Free
Denominated in USD
Source: Bloomberg

As of December 31, 2023

Global Equity Performance
25 Years Annualized (1999 - 2023)



TF: Tobacco Free, FF: Fossil Fuel Free
Denominated in USD
Source: Bloomberg

Pension
9 Years

December 31, 2023

$91B

June 30, 2014

$52B

Pension: Assets Under Management

Fiscal Year To Date (6 Months)	Market Value ($M)
June 30, 2023	88,251
Market Gains	5,257
Value Added	(1,246)
Net Cash Flow	(846)
December 31, 2023	91,416

Pension: Asset Allocation

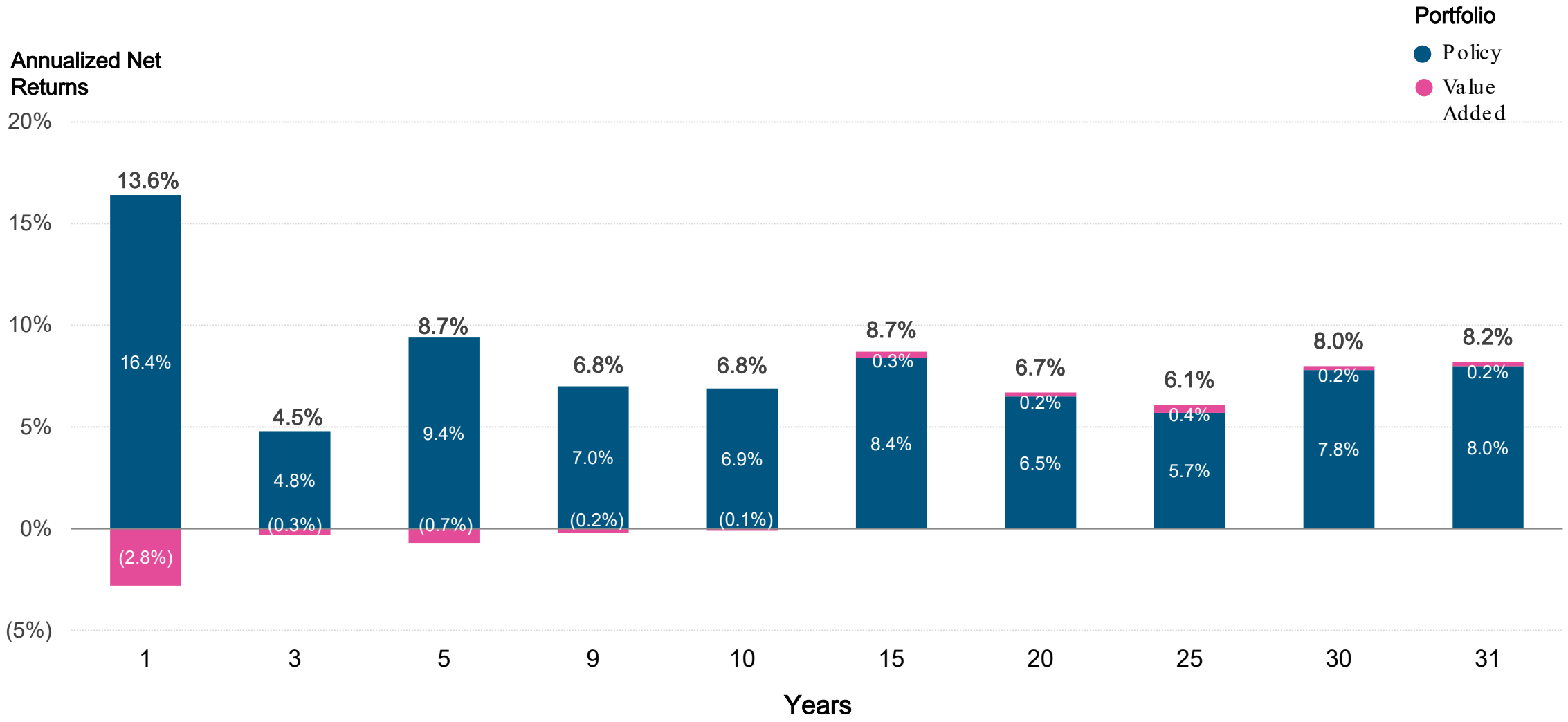
As of December 31, 2023

	Market Value ($M)	Weight (%)	Over/Underweight (%)	Policy (%)
Public Equity	**48,468**	**53.0**	**-**	**53**
Passive – Public Equity	42,752	46.8		
Active – Public Equity	5,708	6.2		
Fixed Income	**12,714**	**13.9**	**(3.1)**	**17**
Private Markets	**24,522**	**26.9**	**(3.1)**	**30**
Private Equity	9,084	9.9	(2.1)	12
Absolute Return *	1,573	1.7	(1.8)	3.5
Private Credit	3,071	3.4	(0.1)	3.5
Real Estate **	7,136	7.8	0.8	7
Real Assets	3,658	4.1	0.1	4
Cash	**5,712**	**6.2**	**6.2**	**0**
Total	**$91,416M**	**100.0%**		**100.0%**

* Allocation below average because we are redeeming the asset class.
** Real Estate includes our large transaction in 2023.

Pension Annualized Net Returns Investing for 64 Years

As of December 31, 2023

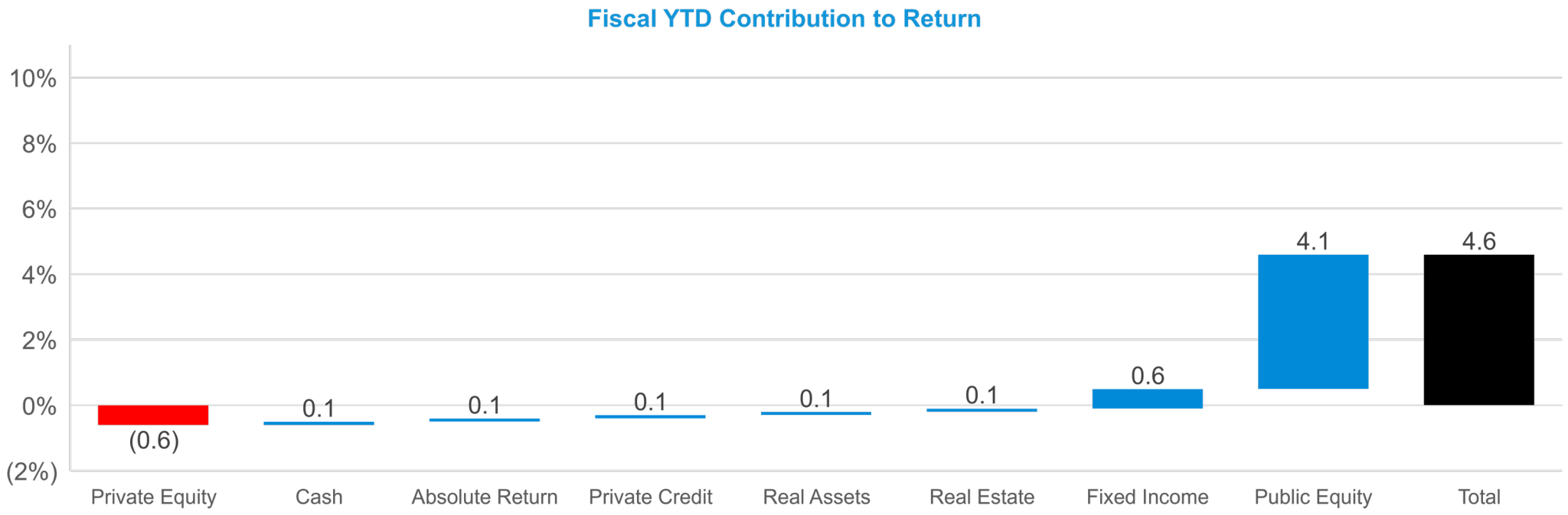


Pension: Performance

As of December 31, 2023

Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	5 Year	9 Year	10 Year	15 Year	20 Year	25 Year	30 Year	31 Year
UC Pension	91,416	100	4.6	13.6	4.5	8.7	6.8	6.8	8.7	6.7	6.1	8.0	8.2
Policy Benchmark*			6.0	16.4	4.8	9.4	7.0	6.9	8.4	6.5	5.7	7.8	8.0
Value Added			(1.4)	(2.8)	(0.3)	(0.7)	(0.2)	(0.1)	0.3	0.2	0.4	0.2	0.2

*The Policy Benchmark is a weighted average of investment policy targets.



Pension: Policy Benchmark

Asset Class	Policy Benchmark Component	Policy (%)	Allowable Ranges Min (%)	Allowable Ranges Max (%)
Public Equity	MSCI All Country World Index (ACWI) Investable Market Index (IMI) Tobacco and Fossil Fuel Free - Net Dividends	53.0	43.0	63.0
Total Fixed Income				
Core Fixed Income	Bloomberg 1-5 Year Government/Credit Index	13.0	10.0	16.0
High Yield Fixed Income	Merrill Lynch High Yield Cash Pay Index Fossil Free	2.5	0.0	5.0
Emerging Market Fixed Income	JP Morgan Emerging Markets Bond Index Global Diversified FF	1.5	0.0	3.0
Private Assets				
Private Equity		12.0	7.0	17.0
Active Private Equity	Russell 3000 Index + 3%			
Passive Private Equity	Russell 3000 Tobacco and Fossil Fuel Free			
Absolute Return	HFRI Fund of Funds Composite	3.5	0.0	5.5
Real Estate	NCREIFODCE Index	7.0	2.0	12.0
Real Assets	Actual Real Asset Portfolio Returns	4.0	0.0	8.0
Private Credit	75% Credit Suisse Leveraged Loan Total Return FF / 25% BofA/ML BB-B US High Yield Constrained Index FF + 1.5%	3.5	0.0	7.0
Cash	Bank of America 3-Month US Treasury Bill Index	0.0	0.0	5.0

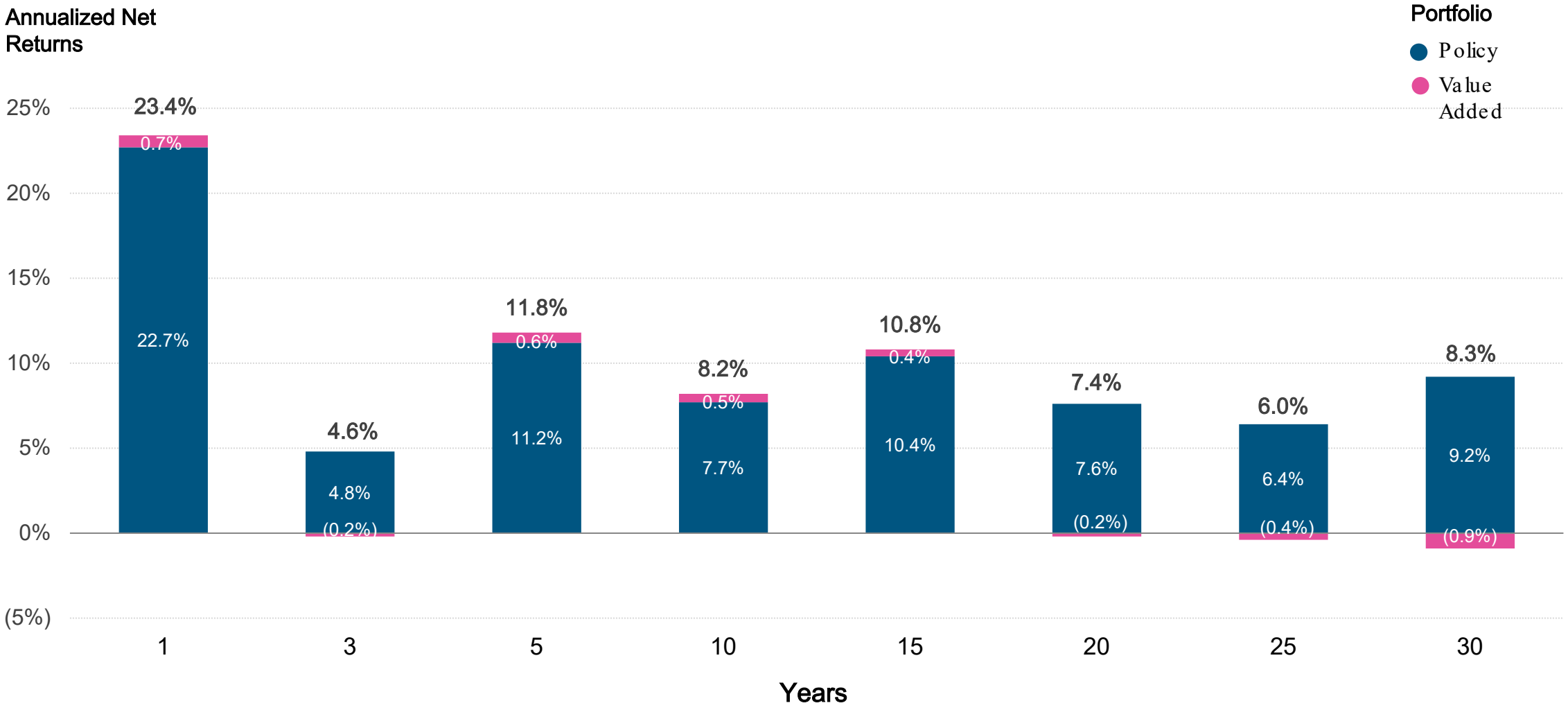
Pension: Attribution Fiscal Year to Date

As of December 31, 2023

	Contribution To Return	Portfolio Return	Benchmark Return	Allocation Attribution	Selection Attribution	Total Attribution
Public Equity	**4.1%**	**7.8%**	**7.5%**	**(0.0%)**	**0.2%**	**0.2%**
Fixed Income	**0.6%**	**4.3%**	**4.5%**	**(0.1%)**	**0.0%**	**(0.1%)**
Private Markets	**(0.2%)**	**(0.6%)**	**4.0%**	**(0.2%)**	**(1.1%)**	**(1.3%)**
Private Equity	(0.6%)	(5.4%)	10.1%	(0.1%)	(1.7%)	(1.7%)
Absolute Return	0.1%	3.4%	4.2%	0.0%	(0.0%)	0.0%
Real Estate	0.1%	1.6%	(7.0%)	(0.2%)	0.7%	0.6%
Real Assets	0.1%	2.0%	2.0%	(0.0%)	(0.0%)	(0.0%)
Private Credit	0.1%	4.2%	7.4%	0.0%	(0.1%)	(0.1%)
Cash	**0.1%**	**2.0%**	**0.0%**	**(0.3%)**	**0.1%**	**(0.2%)**
Total	4.6%	4.6%	6.0%	(0.6%)	(0.8%)	(1.4%)

UCRP Public Equity

As of December 31, 2023



UCRP Public Equity

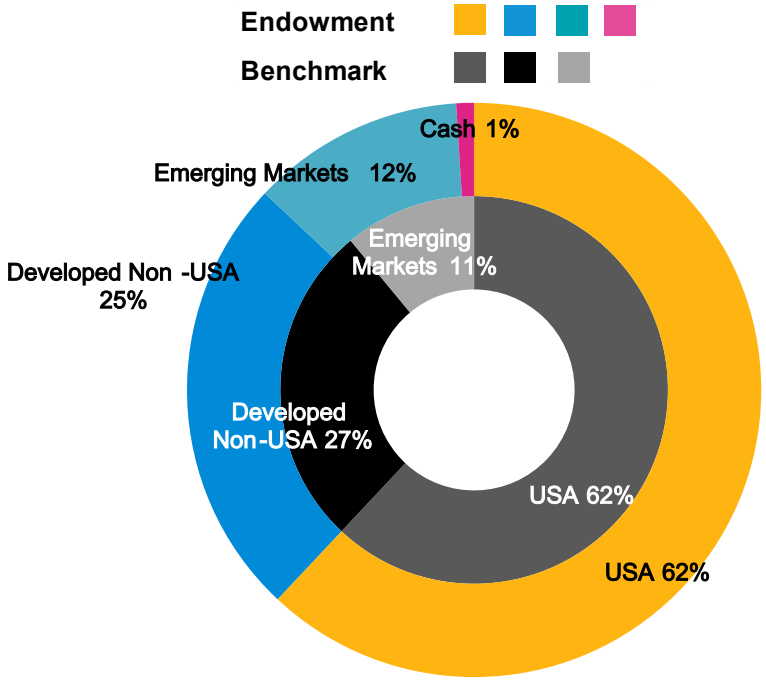
As of December 31, 2023

Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
Public Equity	48,468	100	7.8	23.4	4.6	11.8	8.2	10.8	7.4	6.0	8.3
Policy			7.5	22.7	4.8	11.2	7.7	10.4	7.6	6.4	9.2
Benchmark*			0.3	0.7	(0.2)	0.6	0.5	0.4	(0.2)	(0.4)	(0.9)
Value Added											
Passive	42,752	88	7.8	24.0	5.4	11.8	-	-	-	-	-
Active	5,709	12	7.5	20.1	2.2	11.4	-	-	-	-	-

* From July 1, 2020 the public equity benchmark is the MSCI ACWI IMI Tobacco and Fossil Fuel Free Index.
From July 1, 2016 to June 30, 2020 the total public equity benchmark the MSCI ACWI IMI Tobacco Free Index.
Prior to July 1, 2016, the total public equity benchmark was an aggregate of benchmarks for underlying equity portfolios.

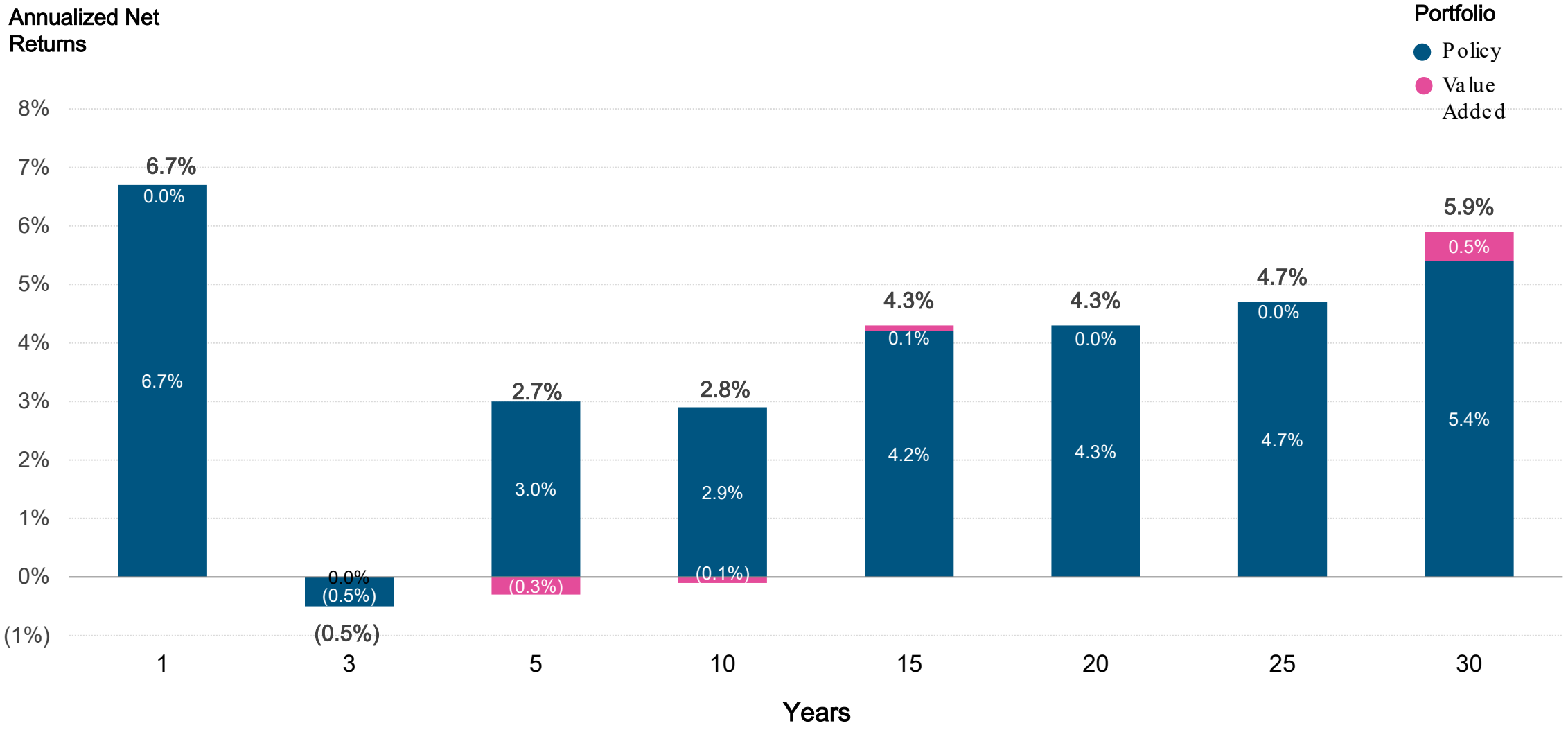
Index Exposure	Strategy	Weight
MSCI ACWI IMI Tobacco and Fossil Fuel Free	Global Index	88.2%
MSCI ACWI Paris Climate Aligned ETF	Global Index	0.3%
MSCI US Paris Climate Aligned ETF	US Index	0.2%

Geographic Exposure



UCRP Fixed Income

As of December 31, 2023



UCRP Fixed Income

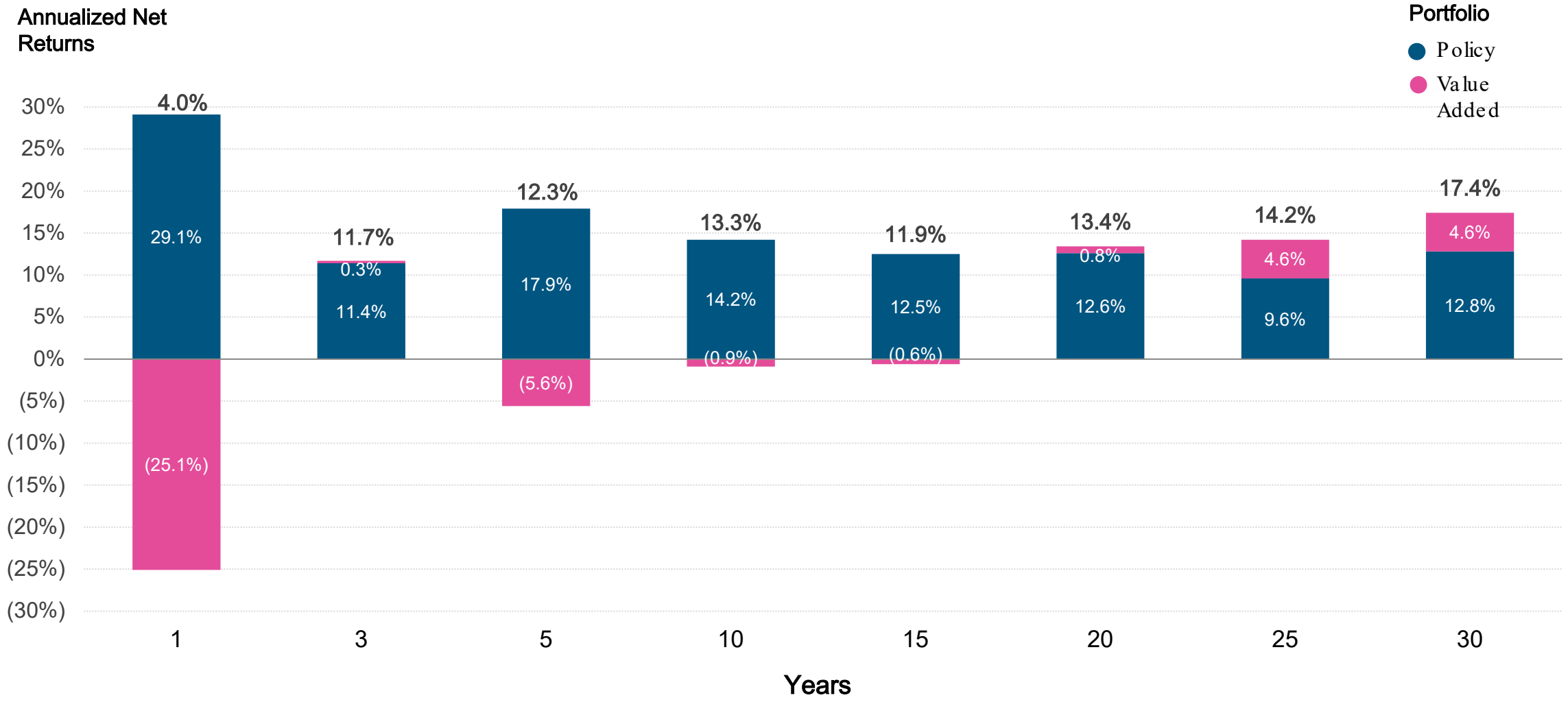
As of December 31, 2023

Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
Fixed Income	12,714	100	4.3	6.7	(0.5)	2.7	2.8	4.3	4.3	4.7	5.9
Policy Benchmark*			4.5	6.7	(0.5)	3.0	2.9	4.2	4.3	4.7	5.4
Value Added			(0.2)	-	-	(0.3)	(0.1)	0.1	-	-	0.5
Core Fixed Income	10,963	86	3.8	5.2	(0.5)	2.3	2.6	3.5	3.8	4.4	5.5
Policy Benchmark			3.7	4.9	(0.6)	2.7	2.6	3.0	3.8	4.3	5.1
Value Added			0.1	0.3	0.1	(0.4)	-	0.5	-	0.1	0.4
High Yield	1,748	14	7.4	13.8	2.2	5.2	4.6	8.9	-	-	-
Policy Benchmark			7.7	13.4	1.8	5.0	4.4	8.9	-	-	-
Value Added			(0.3)	0.4	0.4	0.2	0.2	-	-	-	-
Emerging Market Debt	3	-	-	-	-	-	-	-	-	-	-
Policy Benchmark**			-	-	-	-	-	-	-	-	-
Value Added			-	-	-	-	-	-	-	-	-

* Total fixed income policy benchmark is an aggregate of underlying portfolio benchmarks.
** Emerging Market Debt: Passive Since May 2017.

UCRP Private Equity

As of December 31, 2023

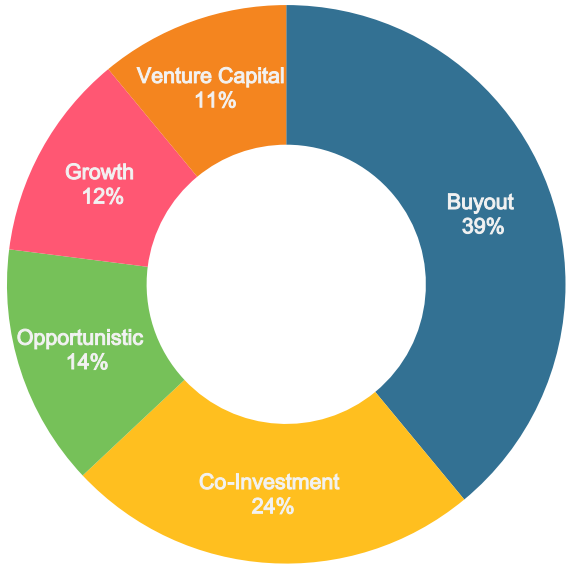


UCRP Private Equity

As of December 31, 2023

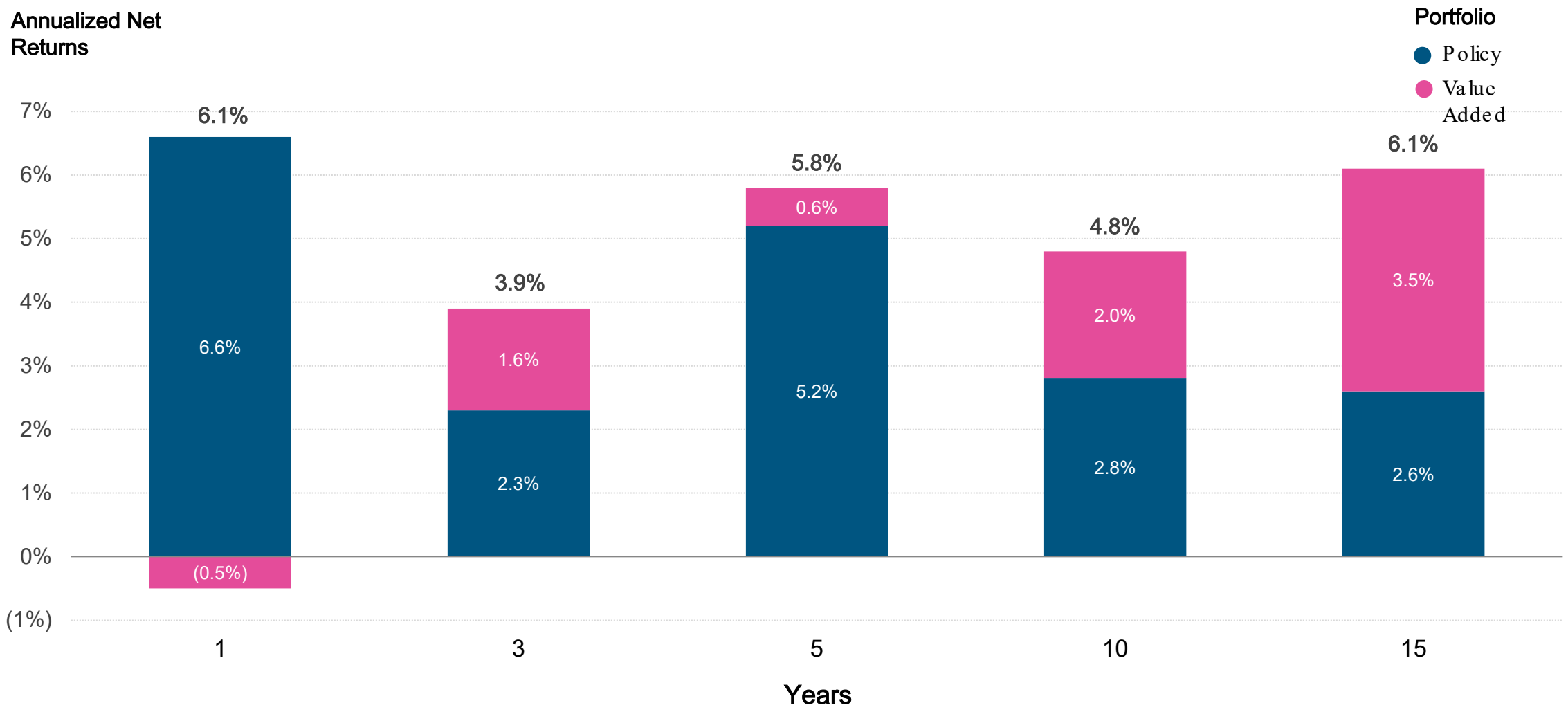
Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	1 Year	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
				Annualized Returns							
Active Private Equity	9,084	100	(5.4)	4.0	11.7	12.3	13.3	11.9	13.4	14.2	17.4
Policy Benchmark*			10.1	29.1	11.4	17.9	14.2	12.5	12.6	9.6	12.8
Value Added			(15.5)	(25.1)	0.3	(5.6)	(0.9)	(0.6)	0.8	4.6	4.6
Buyout	3,587	39	(3.2)	10.5	16.9	14.6	13.9	12.0	12.5	28.7	-
Co-Investment	2,185	24	(1.8)	11.9	14.1	19.3	25.5	-	-	-	-
Opportunistic	1,282	14	(6.5)	0.1	10.8	11.6	3.3	13.4	13.2	10.2	8.1
Growth	1,074	12	(8.7)	(5.9)	9.8	8.4	8.7	10.1	(0.0)	(3.2)	(2.7)
Venture Capital	956	11	(14.6)	(13.3)	9.4	10.1	13.1	11.0	16.0	-	-

* As of July 1, 2021, the Private Equity policy benchmark is the Russell 3000 Index +3%.
From July 1, 2020 to June 30, 2021, the Private Equity policy benchmark is the Russell 3000 Index +2.5%.
From July 1, 2019 to June 30, 2020, the Private Equity policy benchmark was the Russell 3000 Index +2.0%.
From July 1, 2017 to June 30, 2019, the Private Equity policy benchmark was the Russell 3000 Index +1.5%.
From March 2005 to June 2017, the Private Equity benchmark was the actual private equity return.
From January 2001 to February 2005, the Private Equity benchmark was Russell 3000 Index + 3% lagged one quarter.
Prior to that, it was the S&P 500 Index + 5% lagged by a quarter.



UCRP Absolute Return

As of December 31, 2023

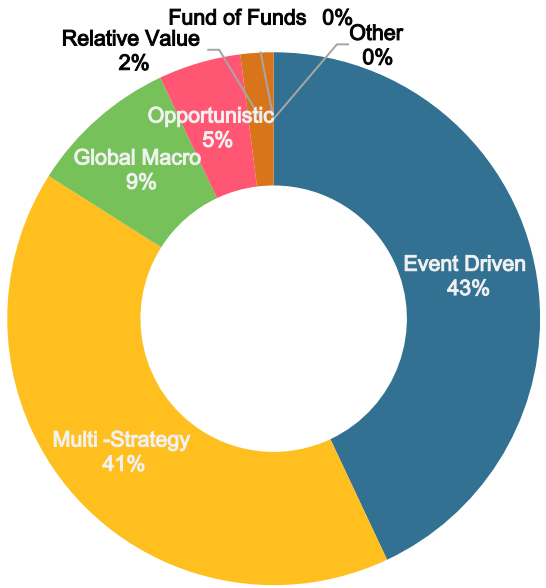


UCRP Absolute Return

As of December 31, 2023

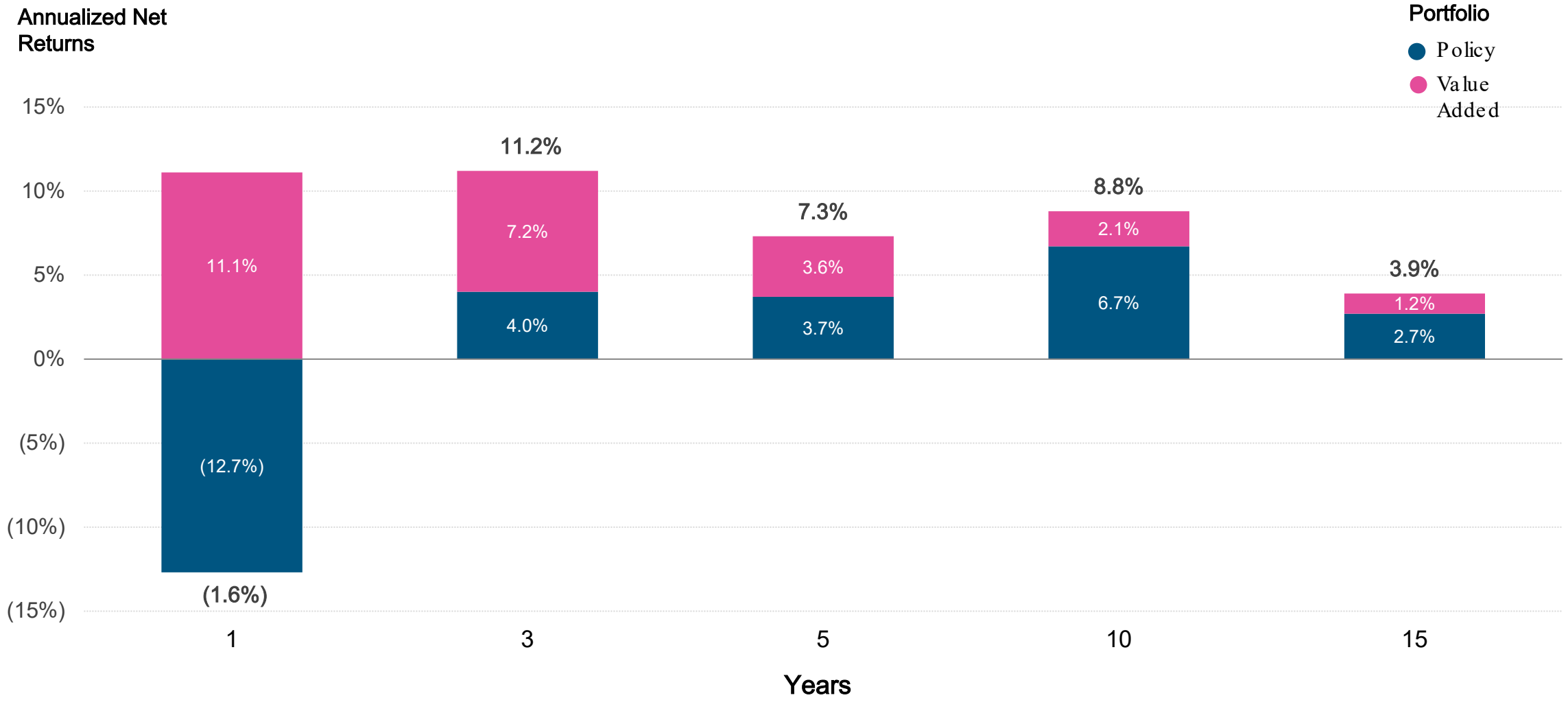
Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	5 Year	10 Year	15 Year
Absolute Return	1,573	100	3.4	6.1	3.9	5.8	4.8	6.1
Policy Benchmark*			4.2	6.6	2.3	5.2	2.8	2.6
Value Added			(0.8)	(0.5)	1.6	0.6	2.0	3.5
Event Driven	680	43	9.1	12.5	7.3	11.3	7.5	9.5
Multi-Strategy	647	41	2.5	4.2	4.0	0.9	3.9	-
Global Macro	147	9	1.2	7.9	(0.1)	3.9	1.5	1.9
Opportunistic	72	5	(9.9)	(10.1)	(9.1)	(3.8)	-	-
Relative Value	23	2	(32.0)	(33.2)	(11.9)	(4.9)	1.0	2.5
Fund of Funds	3	-	6.1	7.3	9.6	8.1	3.8	5.3
Other	1	-	0.0	1.5	1.0	0.5	-	-

* As of July 1, 2017, the benchmark is HFRI Fund of Funds Composite.
From March 1, 2016 to June 1, 2017, the benchmark was the HFRX Absolute Return.
From April 1, 2009 to February 1, 2016, the benchmark was 50% HFRX Absolute Return/50% HFRX Market Directional.
Prior to that, benchmark was 1 Month T-Bill+4.5%.



UCRP Real Estate

As of December 31, 2023

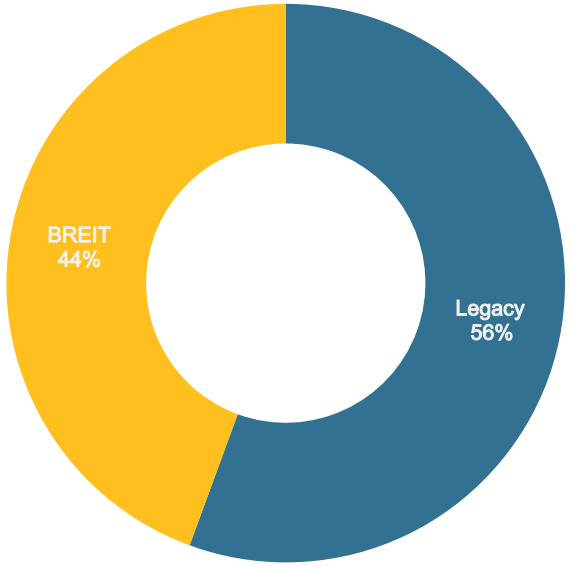


UCRP Real Estate

As of December 31, 2023

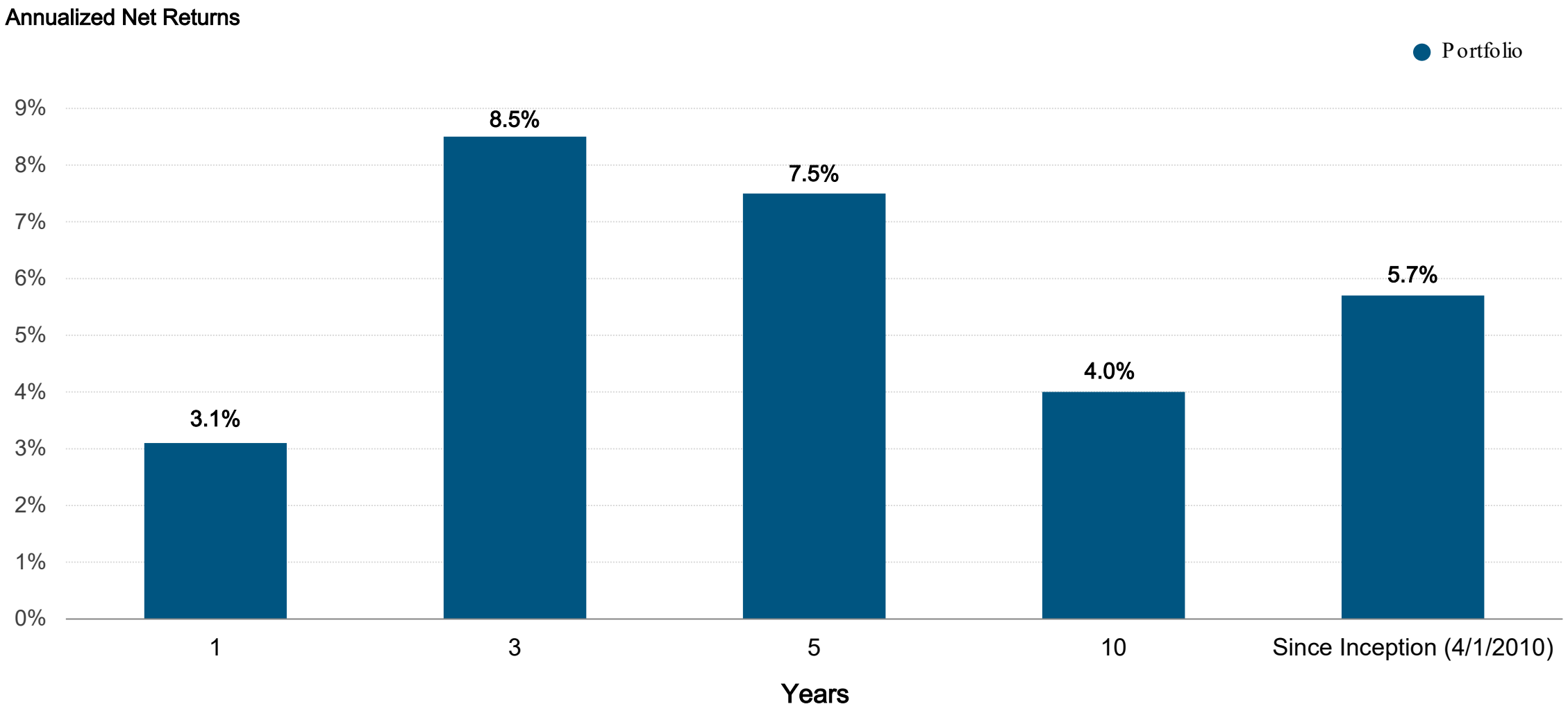
Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	5 Year	10 Year	15 Year
Real Estate	7,136	100	1.6	(1.6)	11.2	7.3	8.8	3.9
Policy Benchmark*			(7.0)	(12.7)	4.0	3.7	6.7	2.7
Value Added			8.6	11.1	7.2	3.6	2.1	1.2
Legacy	3,967	56	(0.8)	(8.8)	8.4	5.7	8.0	3.4
BREIT	3,169	44	4.8	-	-	-	-	-

*As of July 1, 2020, the Real Estate policy benchmark is the NCREIF-ODCE Index (unlagged 3 months).
From April 1, 2011 to June 30, 2020, the Real Estate policy benchmark was the NCREIF-ODCE Index (lagged 3 months).



UCRP Real Assets

As of December 31, 2023

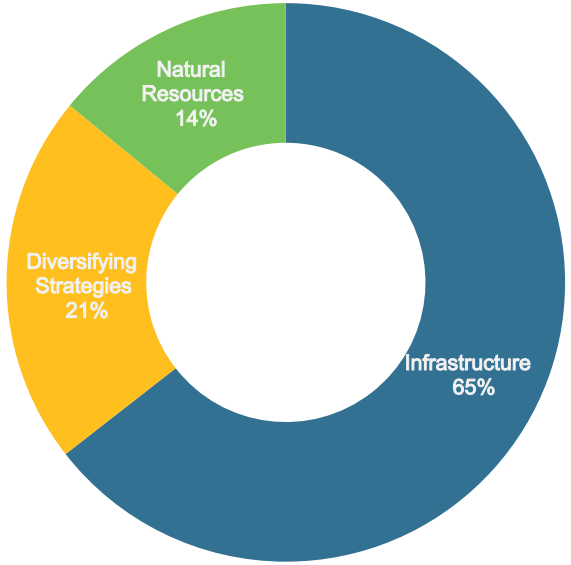


UCRP Real Assets

As of December 31, 2023

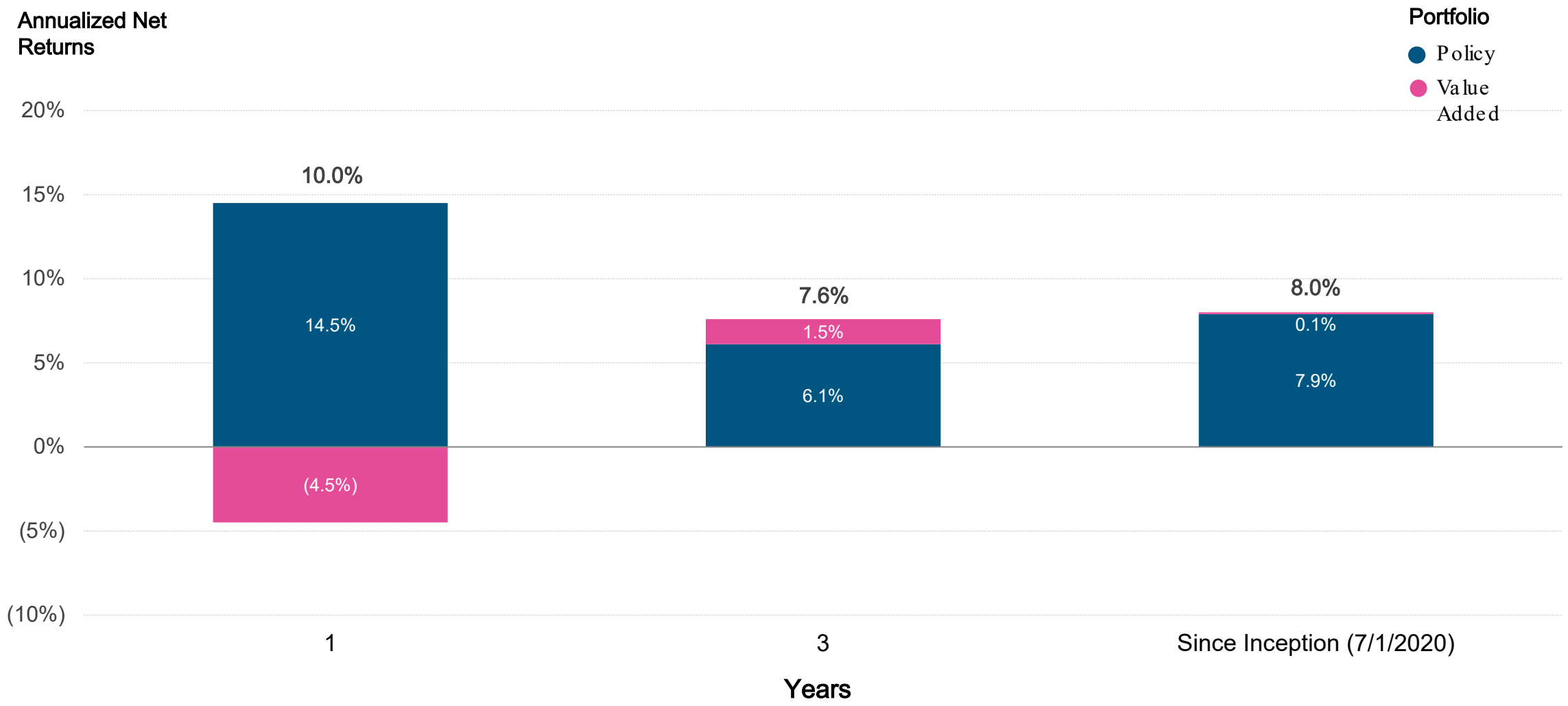
Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	5 Year	10 Year	ITD (4/1/2010)
Real Assets	3,658	100	2.0	3.1	8.5	7.5	4.0	5.7
Infrastructure	2,358	65	3.2	1.8	9.6	10.4	12.3	-
Diversifying Strategies	785	21	(2.2)	2.0	9.9	7.3	6.1	-
Natural Resources	515	14	2.8	12.2	3.9	1.6	(2.4)	0.2

* Inception date for Real Assets is April 1, 2010.
The Real Assets policy benchmark is itself, the Real Assets portfolio.



UCRP Private Credit

As of December 31, 2023

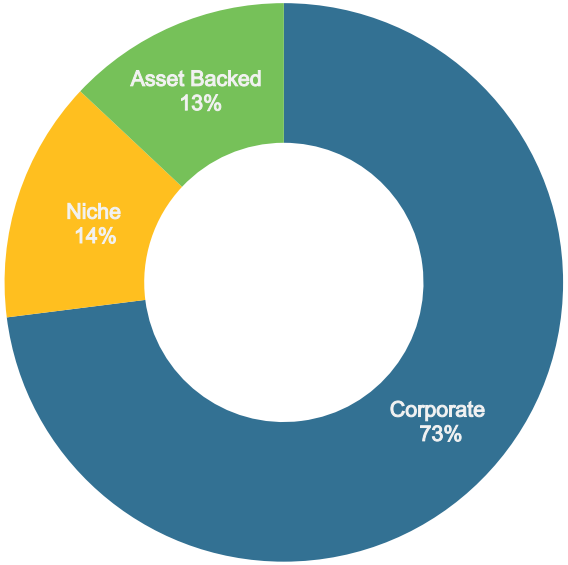


UCRP Private Credit

As of December 31, 2023

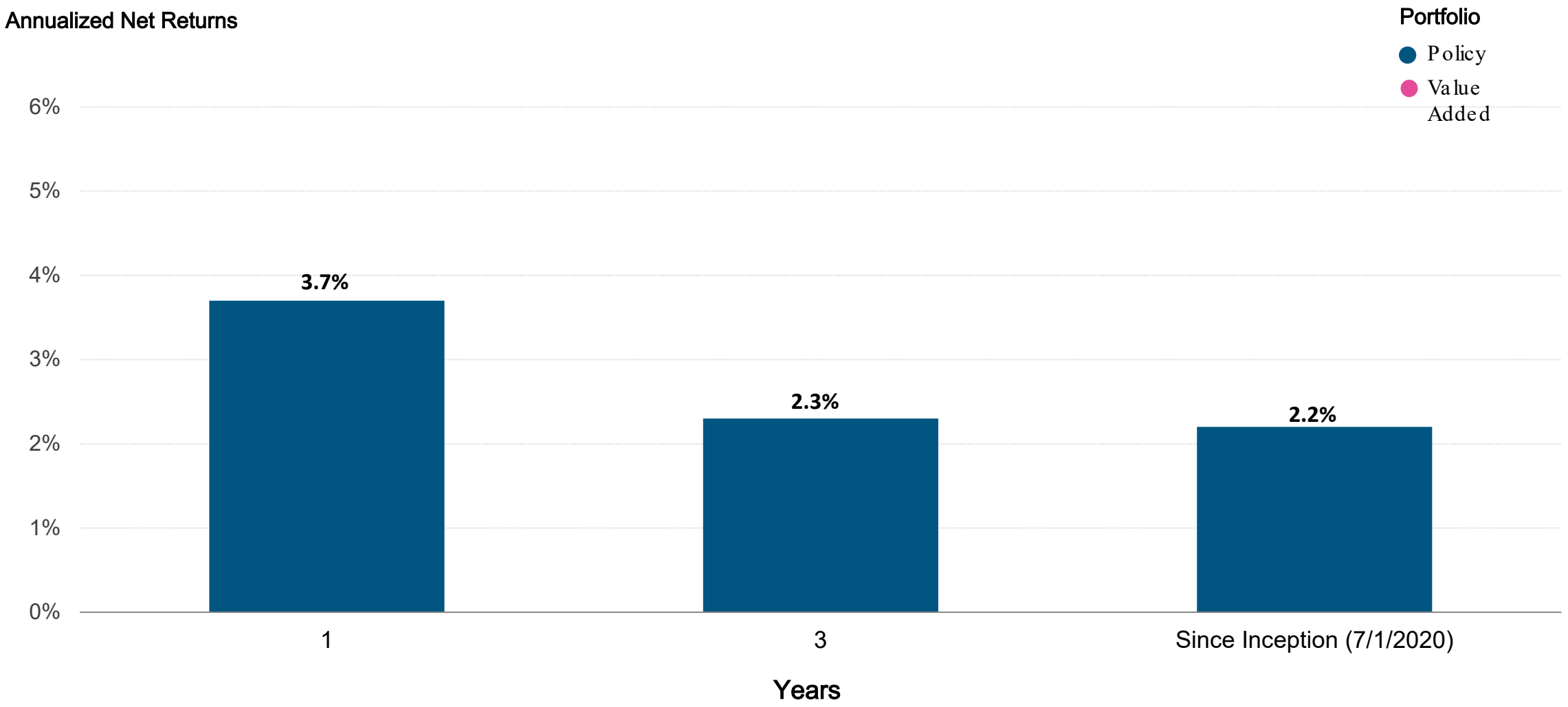
Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	1 Year	Annualized Returns 3 Year	Since Inception (7/1/2020)
Private Credit	3,071	100	4.2	10.1	7.6	8.0
Policy Benchmark			7.4	14.5	6.1	7.9
Value Added			(3.2)	(4.4)	1.5	0.1
Corporate	2247	73	5.9	12.2	8.1	11.4
Niche	422	14	(1.0)	(0.2)	-	-
Asset Backed	402	13	0.3	6.9	-	-

* Inception date for Private Credit is July 1, 2020.



UCRP Cash

As of December 31, 2023



UCRP Cash

As of December 31, 2023

Net Returns (%)	Market Value ($M)	Weight (%)	Fiscal YTD 6 Months	Annualized Returns 1 Year	3 Year	Since Inception (7/1/2020)
Cash	5,712	100	2.0	3.7	2.3	2.2

* As of July 1, 2020, the Cash policy benchmark is the Bank of America 3-Month US Treasury Bill Index.
Table showing cash returns since establishment of the formal policy benchmark.

Risk 1.0: Risk Measurement

Portfolio and benchmark expected volatility has decreased following a year of strong equity market performance with low realized volatility. Fixed income volatility remains elevated as Federal Reserve policy uncertainty lies ahead. Tracking error is down slightly.

			Portfolio Risk (%)		Benchmark Risk (%)		Active Risk (%)	
Portfolio	Benchmark	Weight (%)	Standalone Volatility	QoQ Change	Standalone Volatility	QoQ Change	Tracking Error	QoQ Change
Pension	Policy (Blend)	100	12.3	(1.1)	12.1	(0.9)	1.1	(0.0)
Public Equity	MSCI ACWI IMI TF FF	51	15.5	(1.4)	15.7	(1.2)	0.6	(0.1)
Fixed Income	Policy (Blend)	13	3.3	(0.4)	3.5	(0.3)	0.6	0.2
Absolute Return	HFRI FOF	2	6.6	(0.0)	4.4	(0.5)	6.0	0.1
Private Equity	Russell 3000 + 3%	11	22.4	(1.9)	17.3	(1.4)	9.1	(0.6)
Real Estate	NCREIFODCE	8	12.9	(2.7)	10.4	(2.7)	4.1	(0.3)
Real Assets	Real Assets	5	19.6	(1.5)	19.6	(1.5)	0.0	0.0
Private Credit	CSLL / ML HY BB-B	4	4.4	(0.4)	2.8	(0.6)	2.9	(0.1)
Cash	BofA 3mo Treasury Bill	6	0.1	(0.1)	0.2	(0.0)	0.1	(0.1)

WHAT KEEPS US UP AT NIGHT?

June 2021	June 2022	June 2024
Climate Change	Market Volatility / Liquidity	Artificial Intelligence
Technology Companies	War / Russia / Ukraine	Inflation
Inflation	Interest Rates / Fed	Interest Rates / Fed
COVID “New Variants”	Inflation / Energy Prices	Economic Slowdown
Fed Action	Recession	US Politics
	Supply Chain Disruption	China / Geopolitics / US
	Deglobalization	Extreme Effects of Climate Change
	Technology / Valuations	War / Russia / Ukraine
	China / Geopolitics / US	War / Middle East
	COVID	Demographics
	Climate Change / ESG	Deglobalization

Savings Program

Plan Highlights

Key plan observations and 1 -year growth:

- Total assets: $35.6 billion (+$5.6 billion)
- Assets in Target Date Fund: $15.2 billion (+$2.7 billion)
- Assets in UC Savings: $3.2 billion (-$0.5 billion)

Performance review

- Target Date Fund Pathway vintages track the benchmark for long term time horizon
- UC Growth Company, UC Diversified International and Savings Funds outperformed over the long term
- Index Funds tracked their benchmark tightly

Product enhancements for 2024

- Add UC Short Duration Bond Fund to the line-up by 6/30/24
- Add Blue and Gold Pool (BGP) to the line-up by 6/30/24
- Add Certificate of Deposits (CDs) to the Brokerage Window by 6/30/24
- Consider consolidating the two TIPS funds into one by 6/30/24

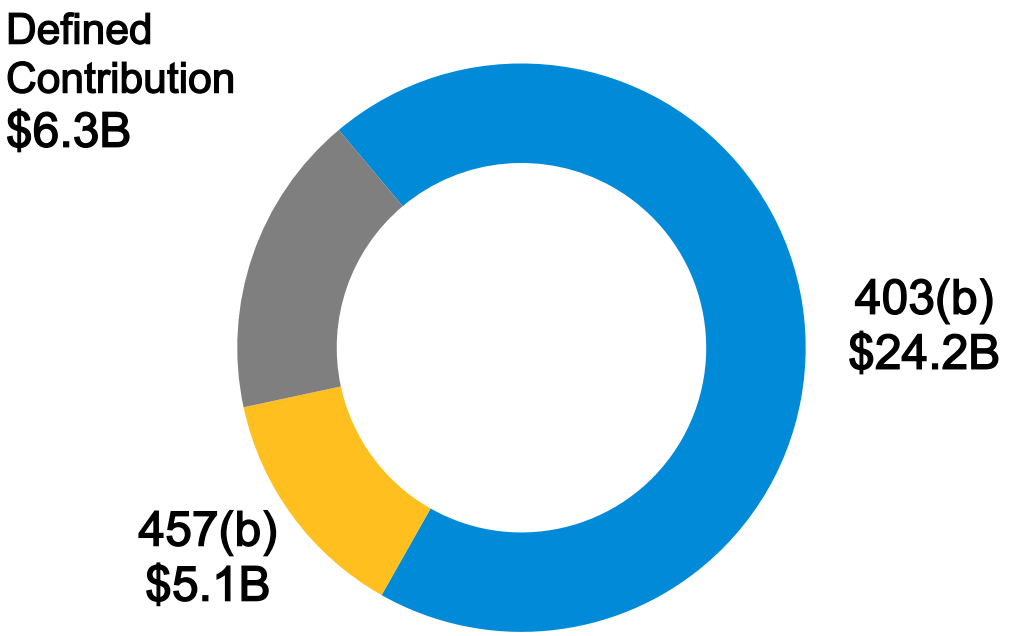
Recently completed projects

- Added TIAA Guaranteed Funding Agreement to Pathway Target Date Fund on 11/30/23
- Roth 403(b) and Roth DCP features implemented 8/1/23
- Deferred Lifetime Income 3rd annual purchase window opened 9/1/23 to 9/26/23, with total purchases surpassing $10 million
- 10% increase in equity allocation of Pathway implemented in 4 quarterly tranches completed on 6/30/23
- Launched UC Global Equity ex Fossil Fuel Fund, assets at $25 million as of 12/31/23

UC Retirement Savings

As of December 31, 2023

3 PLANS $35.6B



INVESTMENT STRUCTURE

TARGET DATE FUND $15.2B	13 CORE OPTIONS $17.8B	BROKERAGE WINDOW $2.6B
TIER I	TIER II	TIER III

0.05% INVESTMENT MANAGEMENT FEE

UC Retirement Savings Program

2nd largest public Defined Contribution plan in the United States (USA)

- Established in 1967
- Over 355,000 participants
- 3 Plans: 403(b), 457(b), DC Plan
- Largest 403(b) plan in the US
- Target Date Fund (Pathway) default since 2014
- $15.2 billion in Target Date Funds

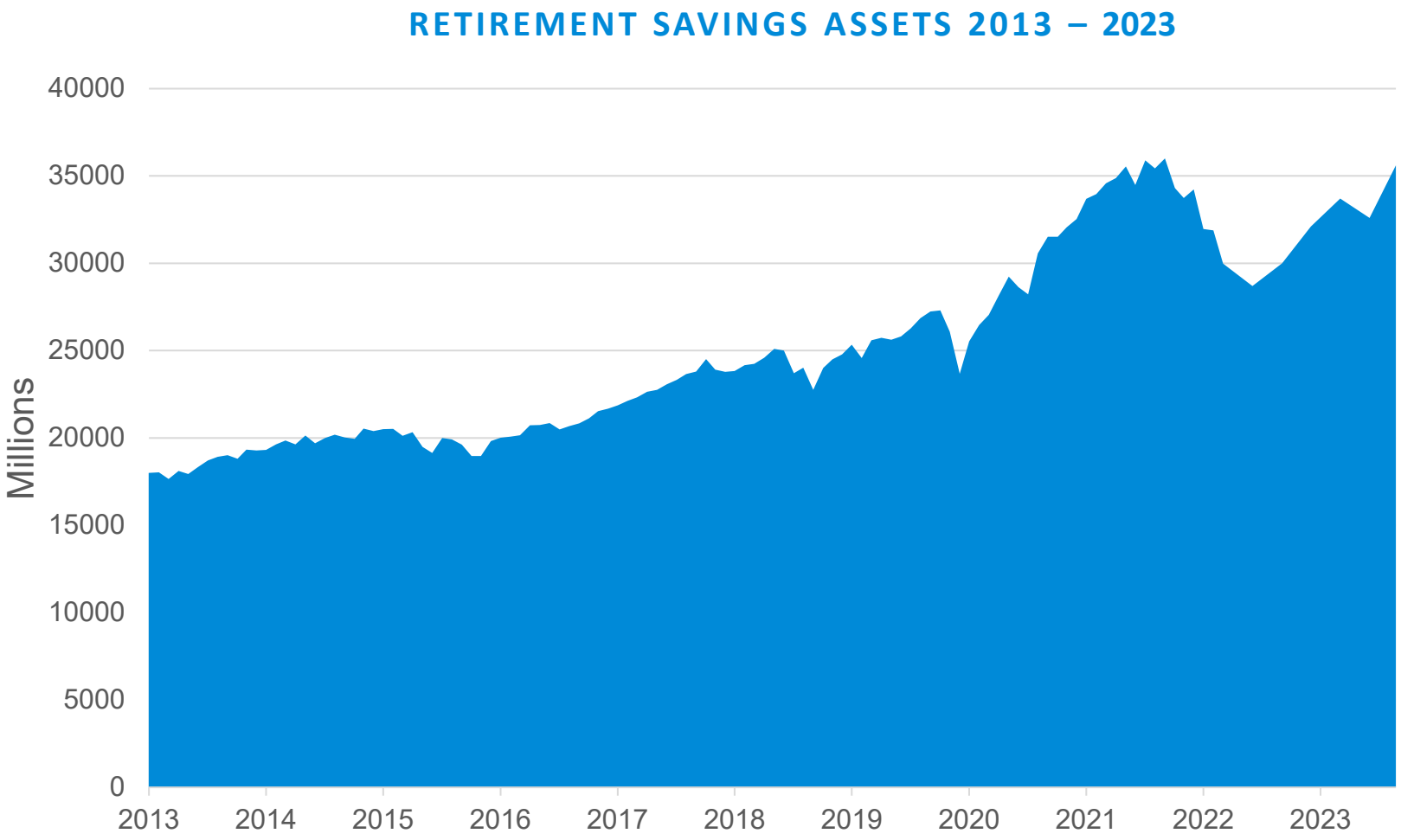
Highlights

As of December 31, 2023

	2014	2023
Participants	301,000	355,000
Assets	$19.8B	$35.6B
Default	UC Savings Fund	UC Pathway
Target Date Assets	$3.1B	$15.2B
Investment Choices	75	14
Management Fee	0.14%	0.05%
Management Fee	$26M	$15M

UC Retirement Savings

$35.6 Billion in Assets as of December 31, 2023



8 YEAR EVOLUTION

2023

Added Roth 403(b) and Roth 457(b)

2022

Moved UCRSP Fossil Fuel Free

2021

Launched Deferred Lifetime Income

Launched UC Global ex Fossil Fuel Fund

2020

Moved 4 fixed income funds to passive

2019

Launched of Pathway 2065

2018

3rd Party manager for Pathway

2017

White labeled Funds

Moved to Institutional Vehicles

2015

Reduced funds from 64 to 16

Investment Options at a Glance

TARGET DATE FUNDS - $15.2 billion
UC Pathway Funds

UC Pathway Income Fund	UC Pathway Fund 2035	UC Pathway Fund 2055
UC Pathway Fund 2020	UC Pathway Fund 2040	UC Pathway Fund 2060
UC Pathway Fund 2025	UC Pathway Fund 2045	UC Pathway Fund 2065
UC Pathway Fund 2030	UC Pathway Fund 2050	

CORE FUNDS - $17.8 billion
Bond and Stock Investments

Bond Investments	**Domestic Stock**	**Foreign Stock**
Short-Term	*Large Cap*	*Developed Markets*
UC Savings Fund	UC Growth Company Fund	UC International Equity Index Fund
		UC Diversified International Fund
Intermediate-Term	*Small Cap*	*Emerging Markets*
UC Bond Fund	UC Domestic Small Cap Equity Fund	UC Emerging Markets Equity Fund
Inflation-Protected	*Broad Cap*	*Global Markets*
UC Short Term TIPS Fund	UC Domestic Equity Index Fund	UC Global Equity Fund
UC TIPS Fund		
		Specialty Stock
		UC Real Estate Fund
		UC Social Equity Fund

BROKERAGE WINDOW - $2.6 billion
Fidelity BROKERAGELINK®

Core Funds Assets

CORE FUNDS - $17.8 Billion

Bond and Stock Investments

Bond Investments - $4,765

Short-Term

UC Savings Fund - $3,203

Intermediate-Term

UC Bond Fund - $1,123

Inflation-Protected

UC Short Term TIPS Fund - $136

UC TIPS Fund - $303

Domestic Stock - $10,492

Large Cap

UC Growth Company Fund - $2,563

Small Cap

UC Domestic Small Cap Equity Fund - $628

Broad Cap

UC Domestic Equity Index Fund - 7,301

Foreign/Global Stock - $1,480

Developed Markets

UC International Equity Index Fund - $1,069

UC Diversified International Fund - $184

Emerging Markets

UC Emerging Markets Equity Fund - $227

Specialty Stock - $1,122

UC Real Estate Fund - $289

UC Social Equity Fund - $808

UC Global Equity ex Fossil Fuel Fund – 25

Core Funds Performance – Equities

			Annualized Total Return (%)				
US Large Equity	**Market Value ($M)**	**% of Program**	**3 Months**	**One Year**	**Three Year**	**Five Year**	**Ten Year**
UC Domestic Equity Index Fund	$7,301	20.50%	13.14	27.92	8.75	15.40	11.67
Russell 3000 ex Fossil Fuels ex Tobacco			13.12	27.77	8.65	15.28	11.54
Value Added			0.02	0.15	0.10	0.12	0.13
UC Social Index Fund	$808	2.27%	13.20	31.88	8.58	16.09	12.59
FTSE4Good US Select Index			13.20	31.92	8.58	16.08	12.65
Value Added			0.00	-0.04	0.00	0.01	-0.06
US Small/Mid Cap Equity							
UC Domestic Small Cap Index Fund	$628	1.76%	14.94	17.64	2.38	10.30	7.51
Russell 2000 ex Fossil Fuels ex Tobacco			14.85	17.23	2.16	9.94	7.32
Value Added			0.09	0.41	0.22	0.36	0.19
Global/World ex-US Equity							
UC International Equity Index Fund	$1,069	3.00%	11.22	17.88	3.67	8.43	4.43
MSCI World ex-US IMI ex Fossil Fuels ex Tobacco			11.21	17.49	3.56	8.16	4.14
Value Added			0.01	0.39	0.11	0.27	0.29

Core Funds Performance – Equities

			Annualized Total Return (%)				
Growth Large Equity	**Market Value ($M)**	**% of Program**	**3 Months**	**One Year**	**Three Year**	**Five Year**	**Ten Year**
UC Growth Company Fund	$2,563	7.20%	14.47	46.28	6.49	23.19	17.21
Russell 3000 Growth			14.09	41.21	8.08	18.85	14.33
Value Added			0.38	5.07	-1.59	4.34	2.88
World ex-US Equity							
UC Diversified Intl. Fund	$184	0.52%	10.25	17.84	0.77	9.77	5.17
MSCI EAFE			10.42	18.24	4.02	8.16	4.35
Value Added			-0.17	-0.40	-3.25	1.61	0.82
UC Emerging Markets Fund	$227	0.64%	8.19	11.33	-4.22	3.31	2.54
MSCI Emerging Markets IMI ex Fossil Fuels ex Tobacco			8.11	11.10	-4.62	3.98	2.81
Value Added			0.08	0.23	0.40	-0.67	-0.27
Global Equity							
UC Global Equity Fund	$25	0.07%	12.10	23.31	-	-	-
MSCI ACWI IMI ex Fossil Fuels ex Tobacco			11.97	22.71	-	-	-
Value Added			0.13	0.60	-	-	-
Real Estate							
UC Real Estate Fund	$289	0.81%	16.01	13.74	7.14	7.50	7.44
MSCI US REIT			16.00	13.74	7.10	7.40	7.42
Value Added			0.01	0.00	0.04	0.10	0.02

Core Funds Performance – Fixed Income

			Annualized Total Return (%)				
Capital Preservation	**Market Value ($M)**	**% of Program**	**3 Months**	**One Year**	**Three Year**	**Five Year**	**Ten Year**
UC Savings Fund	$3,203	8.99%	0.33	0.89	0.71	1.00	1.14
Two-Year U.S. Treasury Notes Income Return			1.25	4.62	2.51	2.02	1.57
Value Added			-0.92	-3.73	-1.80	-1.02	-0.43
Inflation Sensitive							
UC Short Term TIPS Fund	$136	0.38%	2.25	4.73	2.84	3.38	2.04
Barclays 1-3 Year U.S. TIPS Index			2.25	4.64	2.73	3.30	1.82
Value Added			0.00	0.09	0.11	0.08	0.22
UC TIPS Fund	$303	0.85%	4.59	3.90	-0.94	3.14	2.59
Barclays US TIPS Index			4.71	3.90	-1.00	3.15	2.42
Value Added			-0.12	0.00	0.06	-0.01	0.17
Diversified Fixed Income							
UC Bond Fund	$1,123	3.15%	6.66	5.32	-3.37	1.01	1.90
Bloomberg MSCI US Aggregate ex Fossil Fuels ex Tobacco			6.78	5.47	-3.34	1.09	1.80
Value Added			-0.12	-0.15	-0.03	-0.08	0.10

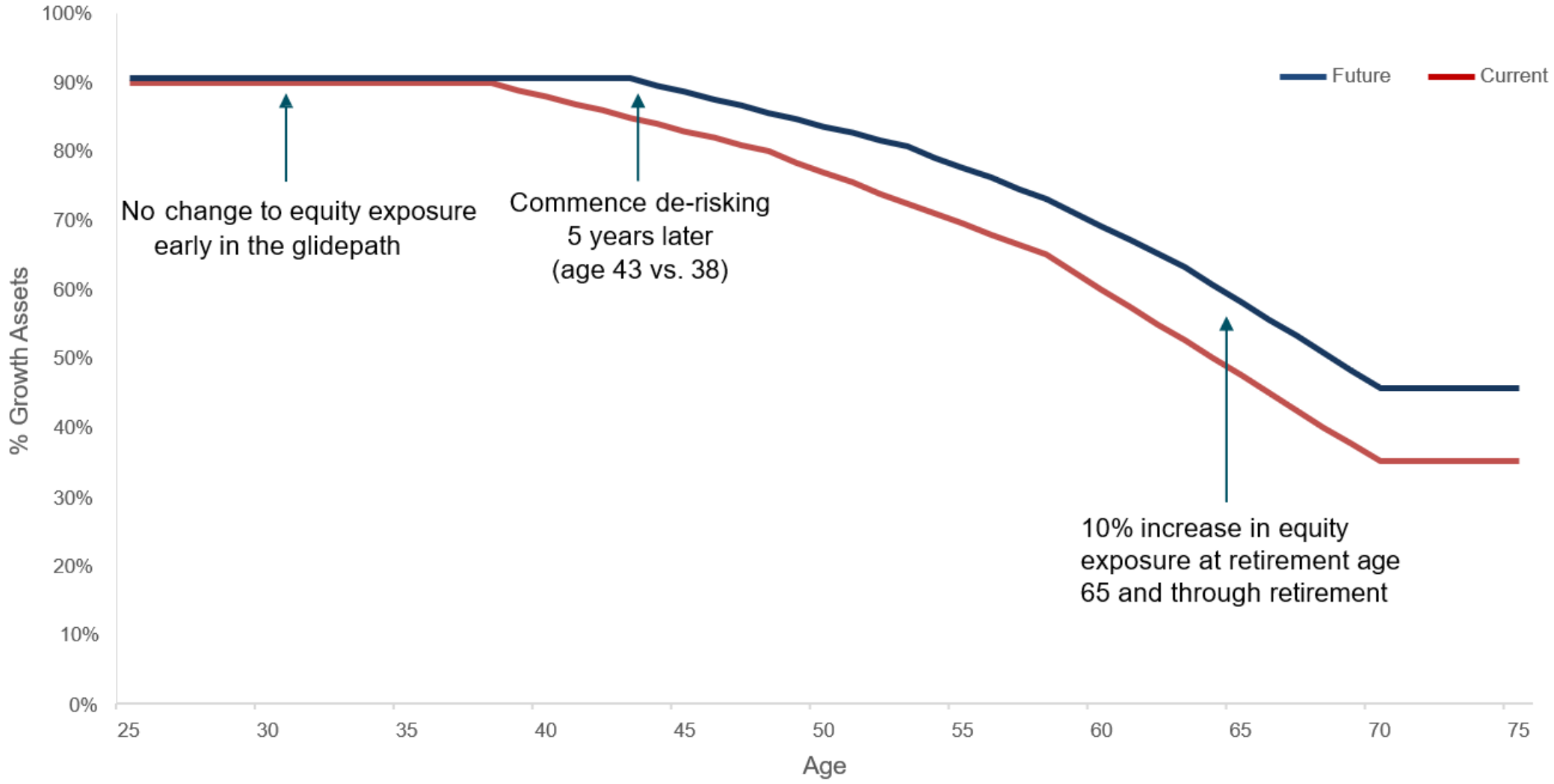
Target Date Fund – Pathway

Target Date Funds	Market Value ($M)	% of Program	Annualized Total Return (%) 3 Months	One Year	Three Year	Five Year	Ten Year
UC Pathway Income Fund	$1,637	4.60%	7.64	11.53	3.01	5.98	4.22
Policy Benchmark			8.00	12.37	3.32	6.29	4.24
Value Added			-0.36	-0.84	-0.31	-0.31	-0.02
UC Pathway Fund 2020	$1,522	4.27%	8.03	12.43	3.25	7.25	5.35
Policy Benchmark			8.36	13.10	3.46	7.53	5.37
Value Added			-0.33	-0.67	-0.21	-0.28	-0.02
UC Pathway Fund 2025	$2,012	5.65%	9.41	15.25	2.90	8.19	5.84
Policy Benchmark			9.58	15.50	2.91	8.35	5.83
Value Added			-0.17	-0.25	-0.01	-0.16	0.01
UC Pathway Fund 2030	$2,315	6.50%	10.65	17.36	2.85	8.90	6.30
Policy Benchmark			10.63	17.49	2.81	9.02	6.28
Value Added			0.02	-0.13	0.04	-0.12	0.02
UC Pathway Fund 2035	$1,806	5.07%	11.47	18.52	3.18	9.45	6.67
Policy Benchmark			11.30	18.64	3.14	9.56	6.65
Value Added			0.17	-0.12	0.04	-0.11	0.02
UC Pathway Fund 2040	$1,689	4.74%	11.81	19.03	3.38	9.85	6.98
Policy Benchmark			11.59	19.06	3.34	9.95	6.96
Value Added			0.22	-0.03	0.04	-0.10	0.02
UC Pathway Fund 2045	$1,472	4.13%	12.15	19.73	3.70	10.28	7.29
Policy Benchmark			11.89	19.70	3.64	10.35	7.27
Value Added			0.26	0.03	0.06	-0.07	0.02
UC Pathway Fund 2050	$1,335	3.75%	12.20	19.83	3.72	10.42	7.49
Policy Benchmark			11.93	19.79	3.65	10.48	7.47
Value Added			0.27	0.04	0.07	-0.06	0.02
UC Pathway Fund 2055	$808	2.27%	12.20	19.83	3.72	10.42	7.56
Policy Benchmark			11.93	19.79	3.65	10.48	7.52
Value Added			0.27	0.04	0.07	-0.06	0.04
UC Pathway Fund 2060	$541	1.52%	12.20	19.83	3.72	10.42	7.56
Policy Benchmark			11.93	19.79	3.65	10.48	7.53
Value Added			0.27	0.04	0.07	-0.06	0.03
UC Pathway Fund 2065	$51	0.14%	12.20	19.83	3.71	-	-
Policy Benchmark			11.93	19.79	3.65	-	-
Value Added			0.27	0.04	0.06	-	-

2024 Lineup Enhancements

- **Launch the UC Blue and Gold Fund**
  - Will offer participants an Endowment like vehicle available currently only to our campuses
  - Management fee will be 1 basis point
  - Leverage existing separate accounts reducing operational complexity and risk associated with launch
- **Launch UC Short Duration Fund**
  - Will offer participants same core bond exposure the Pension uses
  - Benchmarked against the UCRP core benchmark;1-5-year Gov / Credit Index
  - Hire SSGA to manage separate account at 1 basis point
- **Broaden Brokerage Window to allow brokered Certificate of Deposits (CDs)**
  - Regulatory reasons only allow us to offer them in the 457(b) and DCP plans, not the 403(b)

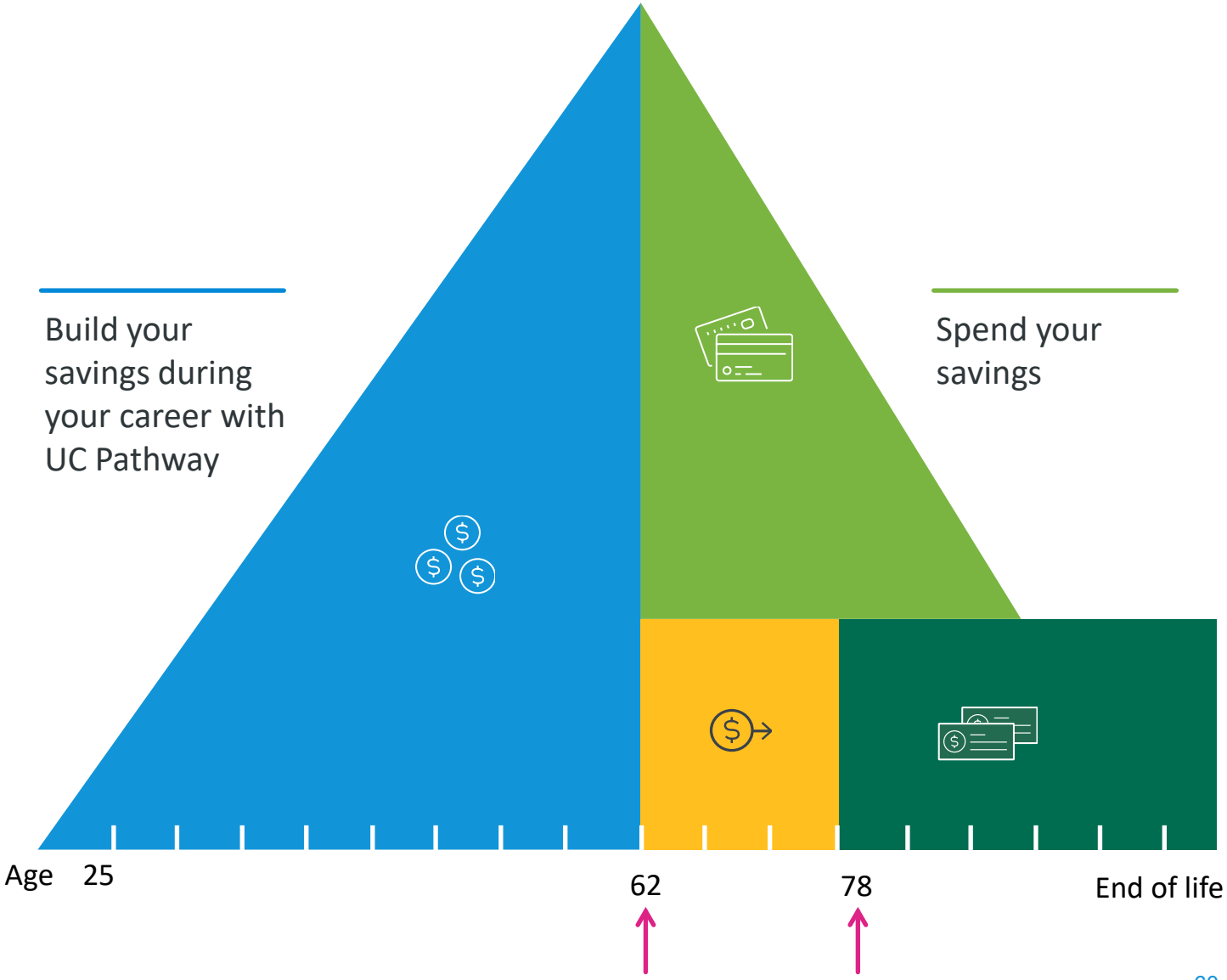
Pathway Glidepath: added $1 billion in equities over the last year



Implemented Deferred Lifetime Income

- $10+ million in total QLACs written
- 3rd election window was open September 2023
- Held live webinar
- Sent educational brochure to over 18,000 participants
- Created and launched custom educational web module and calculator
- Created and launched custom election site

Introducing the Pathway Lifetime Income Option

Imbed a lifetime income stream

- Option to purchase Lifetime Income option (QLAC) using up to 25% of account balance introduced at age 62 for all participants including active, retired and former employees
- Payments start at age 78 and continue through participant's lifetime
- Includes pre-selected features such as spousal option, death benefit, Cost-of-Living Adjustment