

Monthly Review

03-31-2025

Texas Southern University



ACG Market Review – First Quarter 2025

- **Economy – Trade/tariffs shake soft data and begin to weigh on growth estimates going forward**
 - Consumer survey data has shown quickly deteriorating sentiment and increased inflation expectations as some of the realities of the new administration's policies materialize.
 - As of March 31, tariffs on goods from Canada, Mexico, and China had been announced with broader tariffs on the way that will raise the effective tariff rate in the U.S. to levels not seen for a century.
 - Most academic assumptions on the impact of a new trade war call for a period of increased inflation and lower growth, although there are too many unknowns to make reliable predictions.
 - The Atlanta Fed GDPNow tracker dipped into negative territory late in Q1.
- **Equity – Recent trends reverse during a volatile quarter for stocks in Q1**
 - The S&P 500 fell -4.27% in Q1 as the Magnificent 7 all pulled back significantly from recent highs.
 - A possible rotation took shape as U.S. Value stocks significantly outperformed U.S. Growth names, and International markets outperformed U.S. markets by the widest margin in years.
 - The MSCI EAFE Index was up +6.86% in Q1 as EU nations and the European Central Bank both signaled a willingness to provide support/investment domestically.
- **Fixed Income – Bond markets grapple with implications of fiscal policy on Fed and broader economy**
 - The 10-year Treasury yield fell modestly in Q1, helping the Bloomberg Aggregate Bond Index to a +2.78% return
 - The implied Fed Funds rate moved lower, and credit spreads widened slightly from historically tight levels, signaling that traders may be starting to brace for a possible slowdown in economic growth.
- **Risks/Other Considerations**
 - Tariffs and trade war escalation are the center of gravity for markets right now. Recession risk has risen, which would likely lead to further pain for risk assets if hard economic data weakens over the next several months.

Statistic	Last 10 Year Avg.	12 Month Prior	Prior Quarter	Current Quarter
Fed Funds Rate	1.89%	5.33%	4.33%	4.33%
Prime Rate	5.04%	8.50%	7.50%	7.50%
10-Year Treasury Yield	2.54%	4.33%	4.58%	4.23%
30-Year Fixed Mortgage Rate	4.56%	6.79%	6.85%	6.65%
S&P 500 P/E Ratio (Forward Earnings)	18.3x	21.2x	21.5x	20.5x
Projected Earnings Growth (S&P 500)	+8.5%	N/A	+11.7% (y/y est.)	+7.3% (y/y est.)
U.S. GDP (Real, % change y/y)	+2.5%	+3.2% (Q4 2023)	+2.7% (Q3 2024 est.)	+2.5% (Q4 2024 est.)

Source: Morningstar, ACG, Federal Reserve, FactSet

Market Index Review



Major Market Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
S&P 500	(5.63)	(4.27)	(4.27)	8.25	9.06	18.58	12.49
Russell 2000	(6.81)	(9.48)	(9.48)	(4.01)	0.52	13.26	6.29
Russell 3000	(5.83)	(4.72)	(4.72)	7.22	8.21	18.17	11.79
MSCI ACWI	(3.95)	(1.32)	(1.32)	7.15	6.91	15.17	8.83
MSCI ACWI Ex US	(0.23)	5.23	5.23	6.09	4.48	10.91	4.97
Bloomberg US Agg	0.04	2.78	2.78	4.88	0.52	(0.40)	1.46

Russell Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
Russell 1000	(5.79)	(4.49)	(4.49)	7.82	8.65	18.45	12.17
Russell 1000 Value	(2.78)	2.14	2.14	7.18	6.64	16.14	8.79
Russell 1000 Growth	(8.46)	(10.00)	(10.00)	7.72	10.08	20.07	15.10
Russell Mid Cap	(4.63)	(3.40)	(3.40)	2.59	4.61	16.27	8.82
Russell Mid Cap Growth	(7.41)	(7.12)	(7.12)	3.57	6.16	14.86	10.13
Russell Mid Cap Value	(3.68)	(2.11)	(2.11)	2.27	3.78	16.69	7.61
Russell 2000 Growth	(7.58)	(11.12)	(11.12)	(4.86)	0.78	10.77	6.14
Russell 2000 Value	(6.00)	(7.74)	(7.74)	(3.12)	0.05	15.30	6.07

Sector Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
S&P 500 Materials	(2.62)	2.81	2.81	(5.67)	1.30	16.11	8.06
S&P 500 Cons Discretionary	(8.91)	(13.80)	(13.80)	6.86	3.40	15.62	11.41
S&P 500 Cons Staples	(2.43)	5.23	5.23	12.43	6.84	12.69	8.87
S&P 500 Energy	3.85	10.21	10.21	2.49	11.07	31.56	6.24
S&P 500 Financials	(4.20)	3.52	3.52	20.18	11.23	21.46	12.04
S&P 500 Health Care	(1.70)	6.54	6.54	0.40	3.92	12.37	9.14
S&P 500 Industrials	(3.59)	(0.19)	(0.19)	5.65	10.26	19.26	10.81
S&P 500 Information Technology	(8.83)	(12.65)	(12.65)	5.89	13.84	24.33	20.62
S&P 500 Real Estate	(2.38)	3.52	3.52	9.96	(1.30)	9.80	6.54
S&P 500 Communication Servi...	(8.28)	(6.21)	(6.21)	13.56	11.82	17.38	10.30
S&P 500 Utilities	0.26	4.94	4.94	23.87	5.27	10.81	9.53

International Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
MSCI EAFE	(0.40)	6.86	6.86	4.88	6.05	11.76	5.39
MSCI Europe	(0.30)	10.48	10.48	6.87	7.32	13.14	5.67
MSCI Pacific	(0.38)	0.46	0.46	0.92	3.86	9.48	5.18
MSCI EAFE Small Cap	0.53	3.69	3.69	3.10	0.88	9.89	5.33
MSCI Emerging Markets	0.63	2.93	2.93	8.09	1.44	7.94	3.70
MSCI Frontier Markets	2.85	7.93	7.93	12.21	1.78	9.94	3.35

Bond Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
ICE BofA US 3 Month Treasury...	0.33	1.02	1.02	4.97	4.23	2.55	1.87
Bloomberg Muni Bond	(1.69)	(0.22)	(0.22)	1.22	1.53	1.07	2.12
Bloomberg US Agg Govt / Cr	0.05	2.70	2.70	4.66	0.45	(0.34)	1.58
Bloomberg Int US Govt / Cr	0.44	2.42	2.42	5.65	2.18	0.86	1.81
Bloomberg US Cr 1-3 Years	0.43	1.64	1.64	6.06	3.66	2.52	2.24
Bloomberg U.S. Long Cr	(1.38)	2.47	2.47	2.09	(2.19)	(0.50)	2.05
Bloomberg US Corp HY	(1.02)	1.00	1.00	7.69	4.98	7.29	5.01
Bloomberg GI Treasury	0.61	2.59	2.59	1.86	(3.20)	(3.02)	(0.13)

Other Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
Morningstar US OE Long-Shor...	(2.78)	(0.77)	(0.77)	3.61	4.73	8.74	4.22
Morningstar Equity Market Ne...	0.93	2.66	2.66	6.10	7.22	5.42	2.98
Morningstar US Multistrategy	(0.84)	0.69	0.69	1.70	3.68	5.49	2.50
Wilshire Liquid Alt	(0.96)	0.86	0.86	2.00	2.42	4.49	1.79
FTSE EPRA/NAREIT Developed...	(2.32)	1.59	1.59	3.90	(4.27)	6.21	1.99
Alerian MLP	0.05	12.58	12.58	22.99	24.98	40.18	5.46
Bloomberg Commodity Index	3.93	8.88	8.88	12.28	(0.77)	14.51	2.77
S&P GI Infrastructure	2.10	4.60	4.60	18.80	6.09	13.81	6.48
Crude Oil - WTI Spot	2.72	(0.79)	(0.79)	(14.40)	(10.50)	28.52	4.18
USD DXY	(3.16)	(3.94)	(3.94)	(0.32)	1.96	1.02	0.58
US CPI - All items less food & ...	0.00	0.67	0.67	2.75	4.03	4.03	3.06

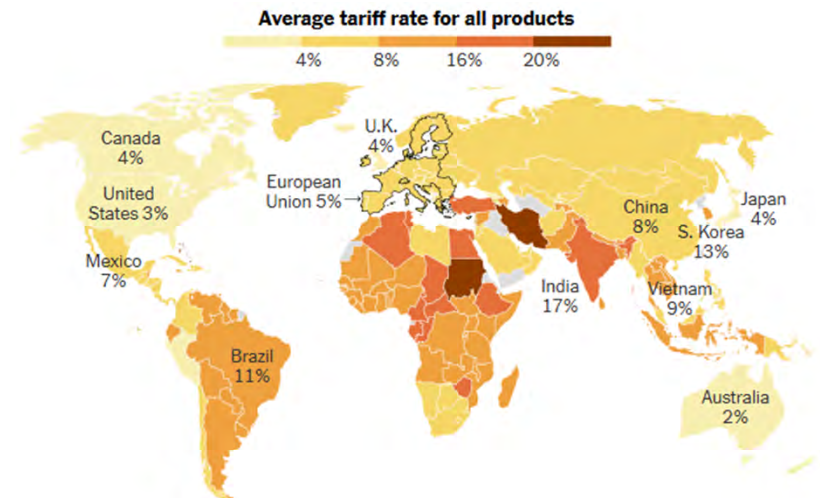
Q1 2025: Tariffs Dominate the Headlines



Tariff Tumult

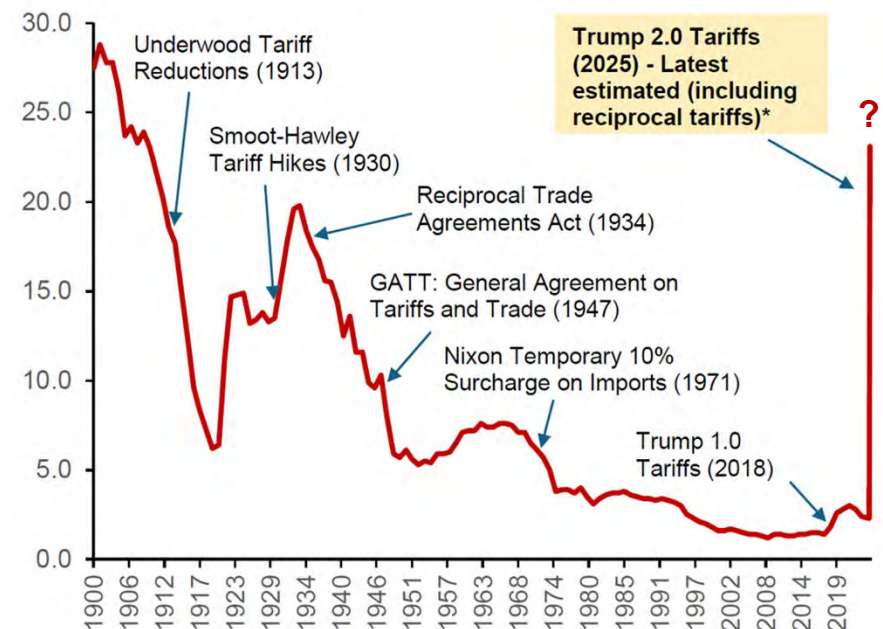
- Soon after taking office, the Trump administration hit the ground running with a number of new initiatives - tariffs being among the most controversial. After some delays, tariffs were placed on a wide range of goods from Canada, Mexico and China with more targeted as well as reciprocal tariffs on the so-called “Liberation Day” on April 2nd.

Average Tariff Rate by Country



- The announced tariffs could bring the average effective tariff rate for the U.S. to over 25%*, the highest level in the last century. Commerce Secretary Howard Lutnick suggests that the tariffs are meant to address a number of issues including a more level playing field in terms of global trade, a boost to domestic manufacturing, a way to raise revenue to offset tax cuts, and act as a foreign policy tool to help with issues such as the illegal drug trade and immigration. It remains to be seen if the April 2 reciprocal tariff announcement is permanent or if they will be the starting points for negotiations.

U.S. Average Effective Tariff Rate (1900-2025)

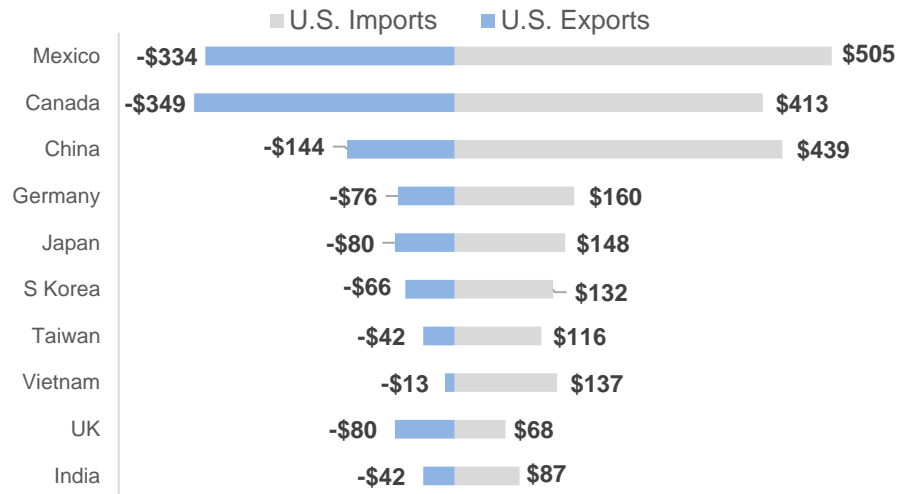


Source: World Trade Organization, Evercore ISI, The Budget Lab at Yale, ACG

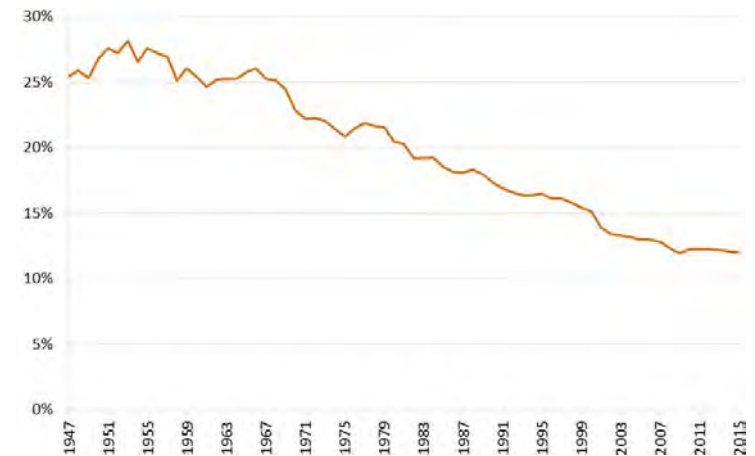
* Based on April 2 tariff announcement

An Attempt to Reverse Trade Deficit & Manufacturing Decline

Top 10 Trading Partners of U.S.
(Imports vs. Exports, Billions)



U.S. Manufacturing Share of GDP
(1947-2024)



- In addition to the previously noted fairness issue, the U.S. trade deficit and decline in manufacturing are also driving the new tariff regime.
- The U.S. imports more than it exports, resulting in a trade deficit. As of 2024, the trade deficit was \$918 billion per year. While the U.S. has a trade deficit with both Mexico and Canada, it still has sizeable exports to both countries. With many of the Asian countries, such as China, Japan, South Korea, Taiwan, and Vietnam, the U.S. imports a good deal from these countries but has relatively small levels of exports to these countries.
- If the Trump administration makes good on its reciprocal tariff plan, some countries will see very significant new tariffs.

Reciprocal Tariffs*

COUNTRY	NEW TARIFF	SHARE OF U.S. IMPORTS
China	+34%	13.4%
E.U.	+20%	18.5%
Vietnam	+46%	4.2%
Taiwan	+32%	3.6%
Japan	+24%	4.5%
India	+26%	2.7%
South Korea	+25%	4.0%
Thailand	+36%	1.9%
Switzerland	+31%	1.9%
Indonesia	+32%	0.9%
Malaysia	+24%	1.6%
Cambodia	+49%	0.4%
United Kingdom	+10%	2.1%
South Africa	+30%	0.4%

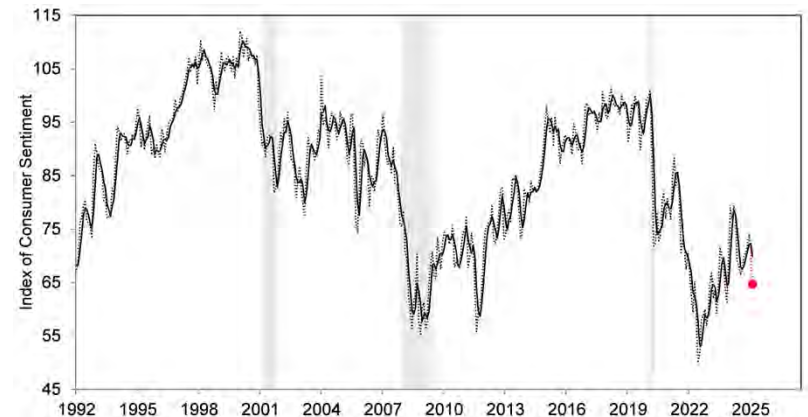
Source: Bureau of Economic Analysis, Capital Economics, FT.com, Schwab, White House, ACG

* Based on April 2 tariff announcement

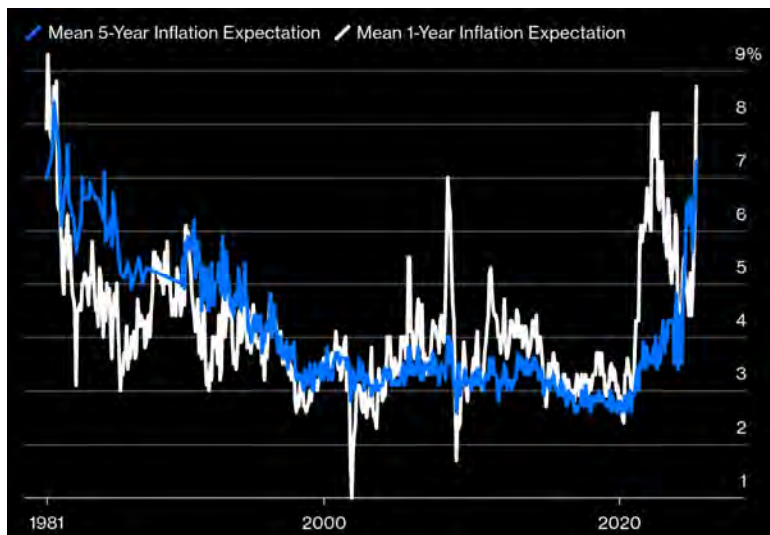
Second Order Effects of Tariffs & Policy Uncertainty

- One negative side effect of the tariffs (and specifically the continued uncertainty around their scope and magnitude) is the effect on consumer psyche.
- Inflation expectations were notably elevated with survey participants citing their fears over future tariff driven inflation as a key driver for their drop in overall sentiment.
- Both the University of Michigan and Conference Board's index of Consumer Sentiment dropped to new recent lows.

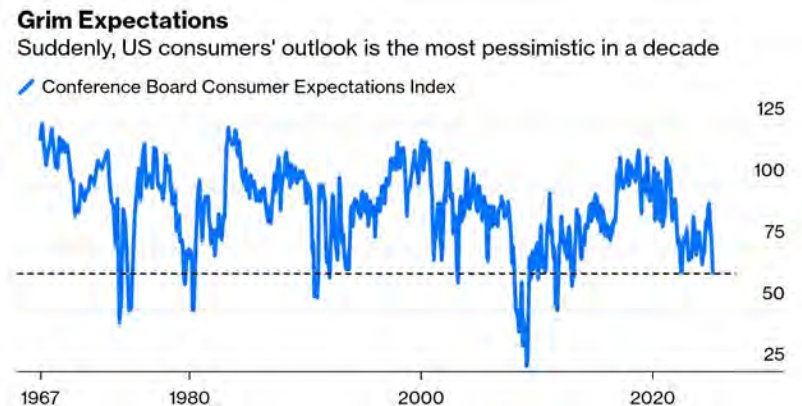
Index of Consumer Sentiment
(1992-2025)



Consumer Inflation Expectations
(U. of Michigan Survey)

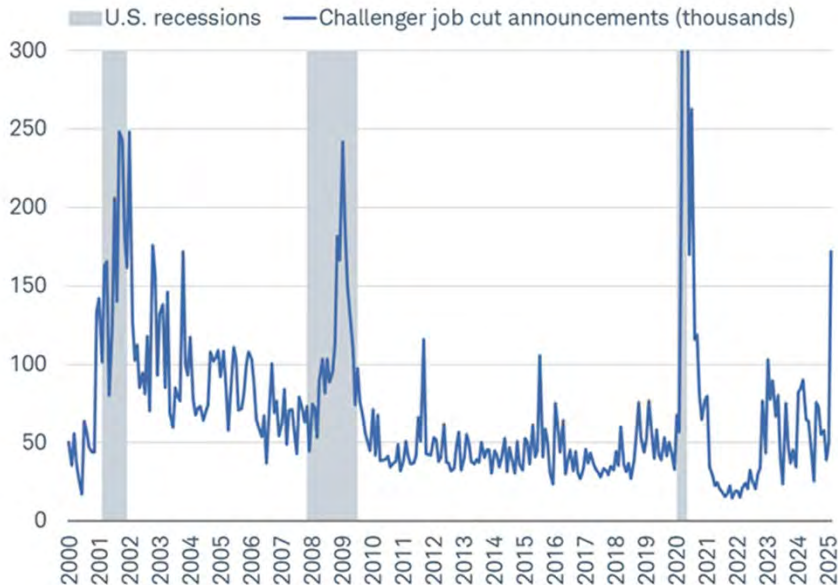


Conference Board Consumer Sentiment
(1967-2025)

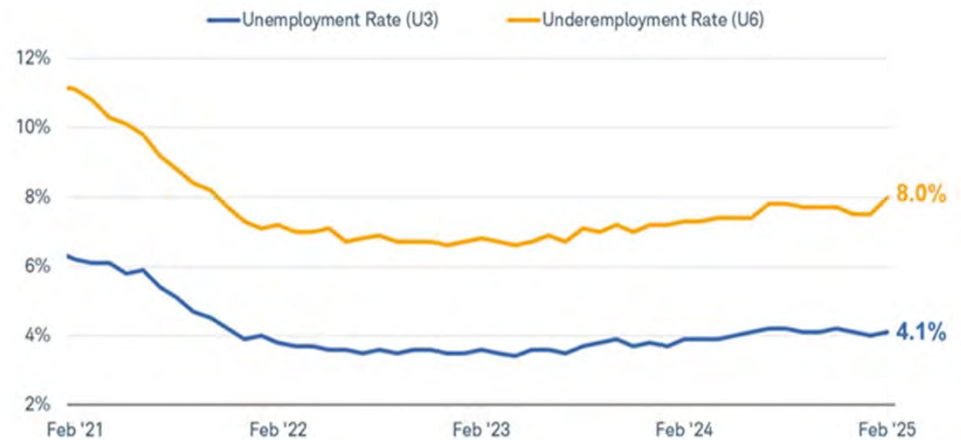


Employment: Not Bad, But Not as Good as Headlines Suggest

Job Cut Announcements
(2000-2025)



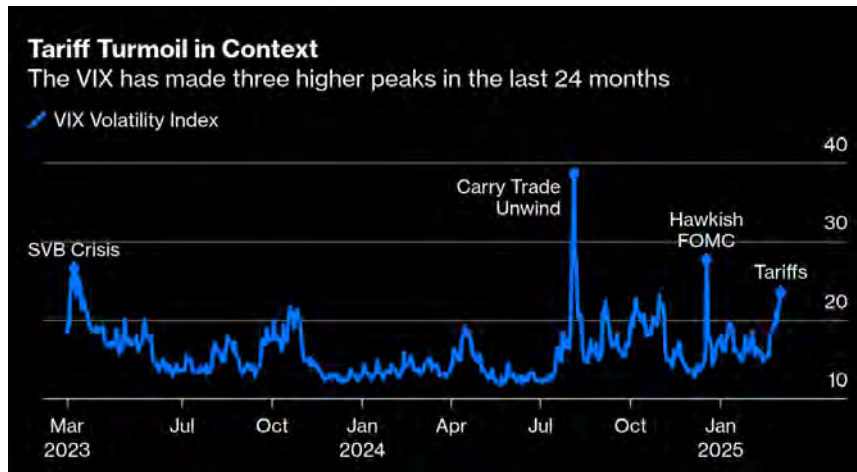
Unemployment Rate
(Headline Rate vs. Under Employment Rate)



- Job cut announcement data from outplacement firm Challenger, Gray, & Christmas showed a jump to nearly 173,000 in February. At first glance, the data looks in-line with past recessionary periods, but most of the increase in announcements was driven by the government and nonprofit sectors, reflecting the impact from D.O.G.E. (Department of Government Efficiency) efforts to quickly right-size the federal workforce.
- In a sign of an overall healthy economy, the headline unemployment rate has hovered around the 4% level since early 2022. The “underemployment rate” (technically the U6 measure of unemployment) which shows the number of people looking for full-time work that can't find it, jumped recently. Changes in this data, however small, are generally scrutinized by those looking for signs of a pending recession.

Volatility Returns With S&P 500 Correction During Q1 2025

VIX Volatility Index



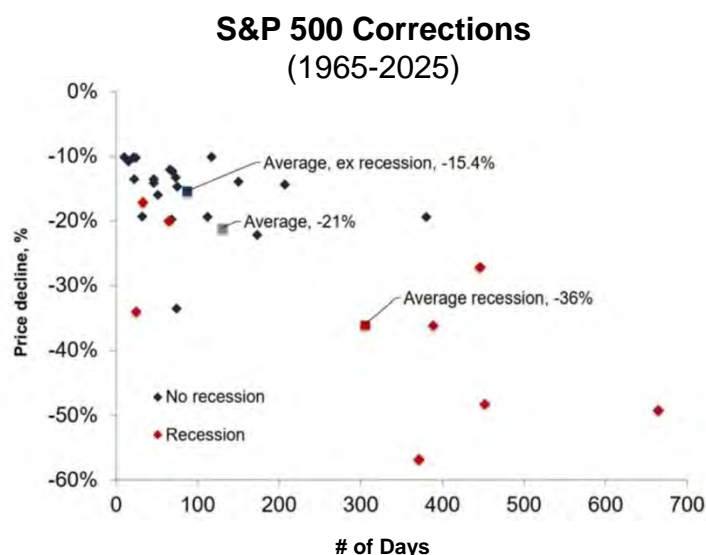
S&P 500 Index Level vs. Target



- The S&P 500 officially entered correction territory in March which is defined as a peak-to-trough loss of over 10%. The sell-off was driven by a roller coaster of headlines related to tariffs as well as a general growth scare. Currency and bond markets also saw higher volatility.
- In our prior market commentary, as of year-end 2024, we noted the optimism in Wall Street strategists' 2025 year-end targets for the S&P 500. The average estimate at the time was for the Index level to reach just over 6,600 by year-end. In March 2025, some strategists had started to cut their forecasts based on recent volatility and policy uncertainty.
- In March, for example, Goldman Sachs brought their year-end 2025 estimate down from 6,500 to 6,200. Then, near the end of March, they reduced their target further from 6,200 to 5,700. In addition, they reduced their earnings growth estimates for the S&P 500 in 2025 to 7% growth (down from 9%).
- As part of their downward revision, they are increasing their estimate of the effective average U.S. tariff rate from 10% to 13%. In their modeling, for every five-percentage point increase in the average tariff rate, S&P 500 earnings are reduced by approximately 1-2%. This dynamic highlights the difficulty in projecting earnings in such a volatile environment.

Market Corrections Are More Common Than Many Think

- While each equity market sell-off can feel like it has the potential to quickly turn into something much worse, few actually do. Most episodes are often brief and relatively shallow in their decline.
- Since the Global Financial Crisis in 2008, there have been thirty sell-offs in the S&P 500 of 5% or more and ten “corrections,” or declines of more than 10%. The market has even sold off more than 20% four times since 2008. This frequency highlights the normalcy of such events in the equity markets.
- Market declines that are accompanied by a recession are typically deeper and sometimes longer in duration. Recessions, however, are notoriously difficult to predict or even see in real time. The national Bureau of Economic Analysis, which is the official determinant of recessions, often calls the recession after most of the equity market damage is already done.



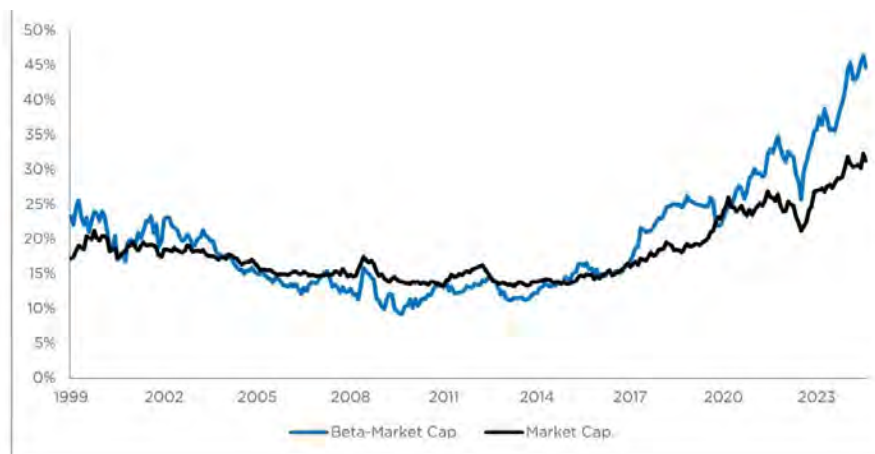
**S&P 500 Sell Offs of >5%
(2009-2025)**

Correction Period	# Days	S&P High	S&P Low	% Decline
2025: Feb 19 – Mar 31	39	6147	5488	-10.6%
2024: Jul 16 - Aug 5	20	5670	5119	-9.7%
2024: Mar 28 - Apr 19	22	5265	4954	-5.9%
2022: Jan 4 - Oct 13	282	4819	3492	-27.5%
2021: Nov 22 - Dec 3	11	4744	4495	-5.2%
2021: Sep 2 - Oct 4	32	4546	4279	-5.9%
2021: Feb 16 - Mar 4	16	3950	3723	-5.7%
2020: Sep 2 - Sep 24	22	3588	3209	-10.6%
2020: Feb 19 - Mar 23	33	3394	2192	-35.4%
2019: Jul 26 - Aug 5	10	3028	2822	-6.8%
2019: May 1 - Jun 3	33	2954	2729	-7.6%
2018: Sep 21 - Dec 26	96	2941	2347	-20.2%
2018: Jan 26 - Feb 9	14	2873	2533	-11.8%
2016: Aug 15 - Nov 4	81	2194	2084	-5.0%
2015/16: May 20 - Feb 11	267	2135	1810	-15.2%
2014/15: Dec 29 - Feb 2	35	2094	1981	-5.4%
2014: Dec 5 - Dec 16	11	2079	1973	-5.1%
2014: Sep 19 - Oct 15	26	2019	1821	-9.8%
2014: Jan 15 - Feb 5	21	1851	1738	-6.1%
2013: May 22 - Jun 24	33	1687	1560	-7.5%
2012: Sep 14 - Nov 16	63	1475	1343	-8.9%
2012: Apr 2 - Jun 4	63	1422	1267	-10.9%
2011: May 2 - Oct 4	155	1371	1075	-21.6%
2011: Feb 18 - Mar 16	26	1344	1249	-7.1%
2010: Apr 26 - Jul 1	66	1220	1011	-17.1%
2010: Jan 19 - Feb 5	17	1150	1045	-9.2%
2009: Oct 21 - Nov 2	12	1101	1029	-6.5%
2009: Sep 23 - Oct 2	9	1080	1020	-5.6%
2009: Jun 11 - Jul 7	26	956	869	-9.1%
2009: May 8 - 15	7	930	879	-5.5%
Median	26			-7.6%

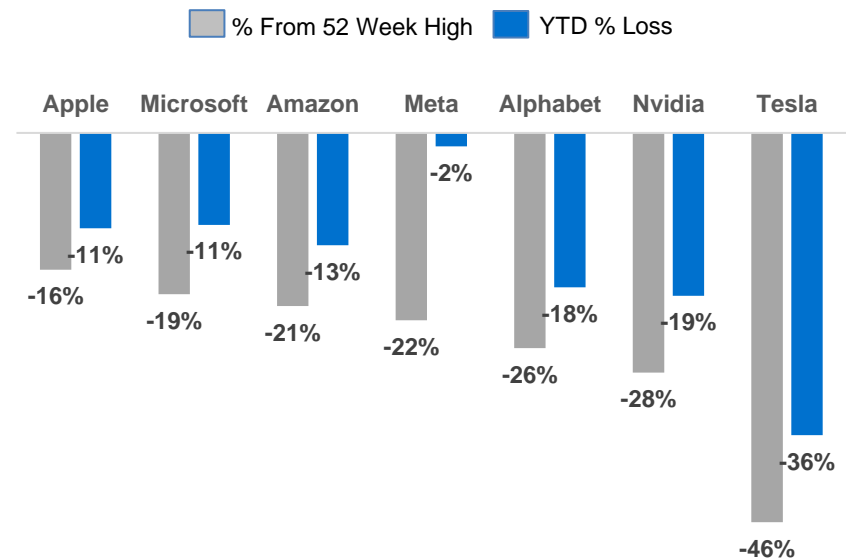
Not So Magnificent Seven

- After driving a majority of the positive return in the S&P 500 during the most recent market cycle, the Magnificent Seven stocks saw significant declines year-to-date and/or vs. their own 52-week highs. The average decline from their 52-week highs was over 25% and they saw an average year-to-date decline of over 15%. By contrast, the other 493 S&P 500 stocks were nearly flat for Q1.
- Another notable trend is that the beta of these largest stocks has also been increasing. Despite their recent decline, the Magnificent Seven stocks make up nearly 30% of the S&P 500 in terms of index representation but now make up almost 45% of the beta of the market – underscoring their importance (and their risk).
- After the sell-off, valuations are now at much more attractive levels. The Magnificent Seven, which were trading above the 40x earnings level, are now trading just below 30x.

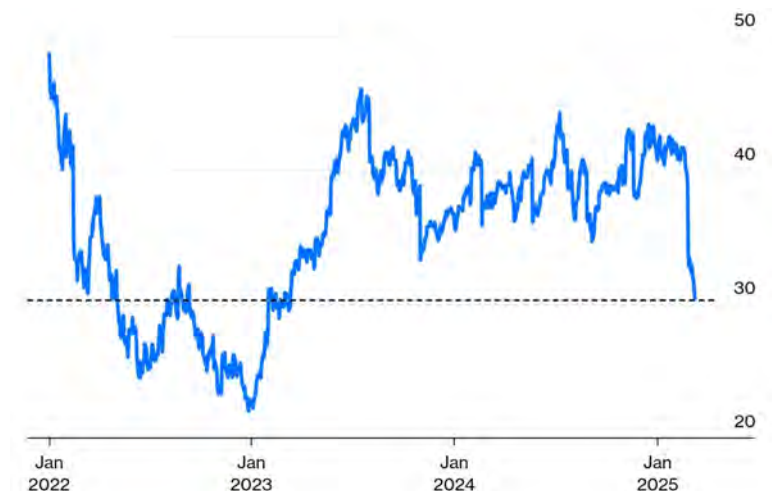
Top 7 Stocks in S&P 500
(Weight in Index vs. Beta)



Magnificent Seven Stock Performance
(Percent Loss from 52 Week High)



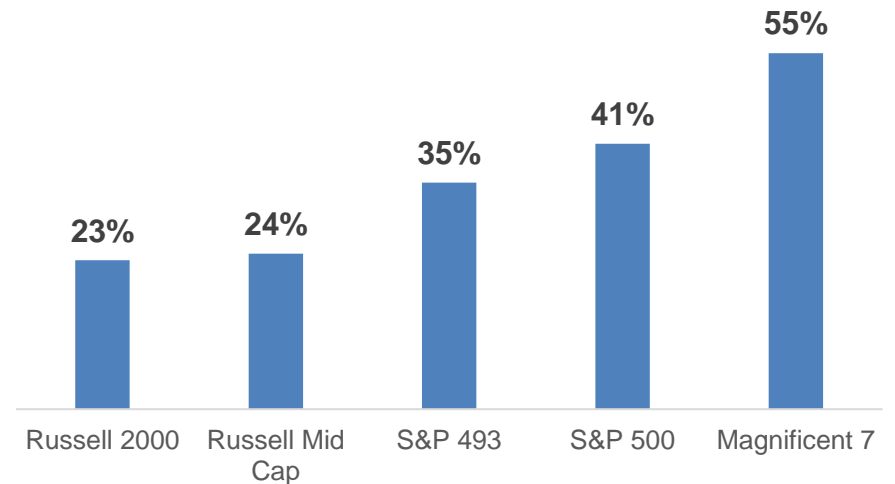
Magnificent Seven Valuation
(Trailing Price-to-Earnings Ratio)



Which Indexes and Sectors are Most at Risk to Tariffs?

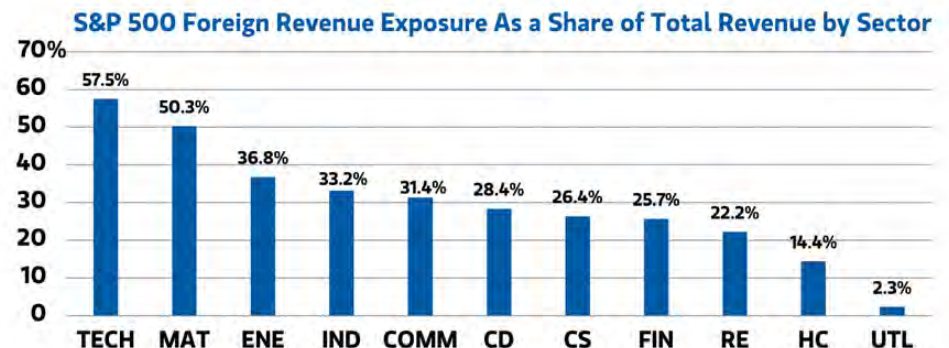
- In terms of the domestic equity markets, small and midsize capitalization companies tend to be less exposed to tariffs because less than one quarter of their revenue comes from overseas. Large caps, on the other hand, get over half of their revenues from overseas. Within the S&P 500, the Magnificent Seven companies are particularly exposed to tariffs due to the global nature of their revenues. The other 493 components of the S&P 500 Index are less exposed.

Percent of Non-U.S. Revenue
(By Index / Grouping)



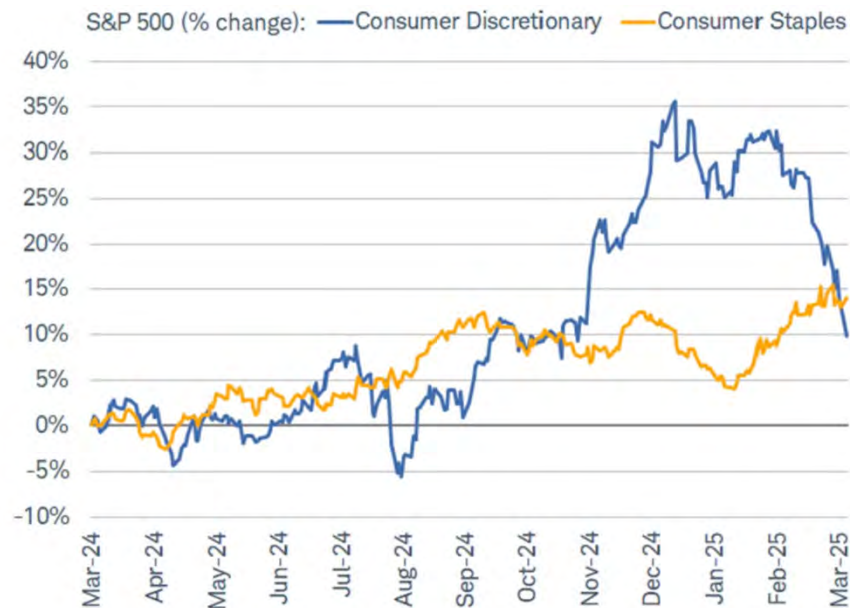
- Looking within the sectors of the S&P 500, the Technology and Materials sectors get more than half of their revenue from overseas. On the other end of the spectrum, the Utilities and Healthcare sectors are primarily domestically focused. The other sectors all fall within a relatively tight band, getting about a quarter to a third of their revenue from foreign sources.

Percent of Non-U.S. Revenue
(By Sector)



A Style Rotation During the First Quarter...

Consumer Staples vs. Consumer Discretionary
(Sector Performance Comparison)



- After a period of strength in Consumer Discretionary stocks during the second half of 2024, the sector weakened during the first quarter as many economists began to question the strength of the overall economy and specifically consumer spending. At the same time, Consumer Staples stocks started to rally as investors repriced their prospects in an environment when the economy may be slowing.

Value vs. Growth Style Returns
(by Region)



- This rotation occurred across the globe and more broadly in the shift from growth to value style leadership. Although the U.S. experienced this shift during the first quarter of 2025, the move was small relative to the shift that was already underway overseas. For example, in Japan, Europe and Emerging Markets, the shift to value got started in 2020 and has gained some momentum lately.

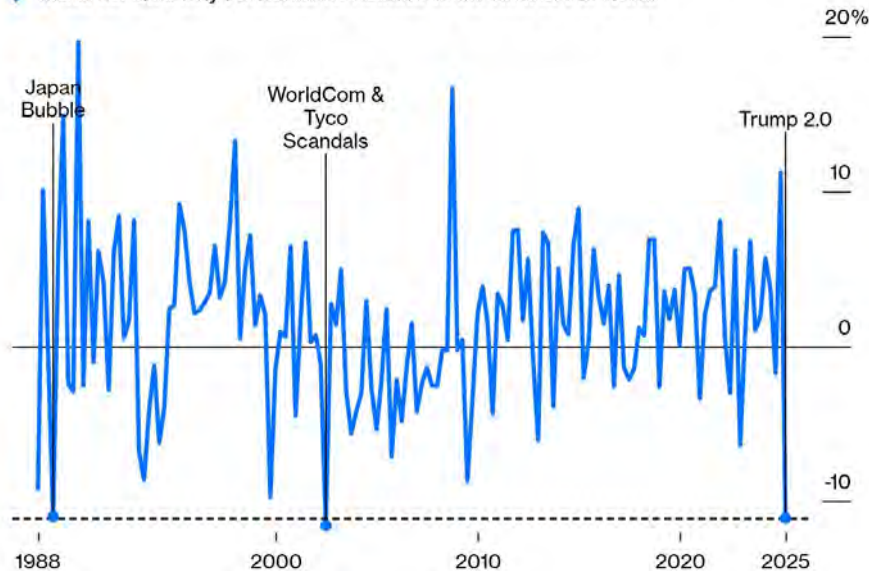
...And a Geographic Rotation is Underway Too

- Citigroup's Economic Surprise Index, which had favored the U.S., flipped over to favor the Eurozone during the first quarter. Foreign stock returns, which had lagged notably and been the topic of much discussion, suddenly rallied as U.S. equity markets stumbled.
- A big driver of the resurgent optimism around Europe centered on its need to rapidly boost defense spending as a result of the U.S. potentially pulling back from the role it has played in the region since World War II. European defense stocks rallied sharply as a result. This performance was in sharp contrast to U.S. Technology stocks which was one of the hardest hit sectors.

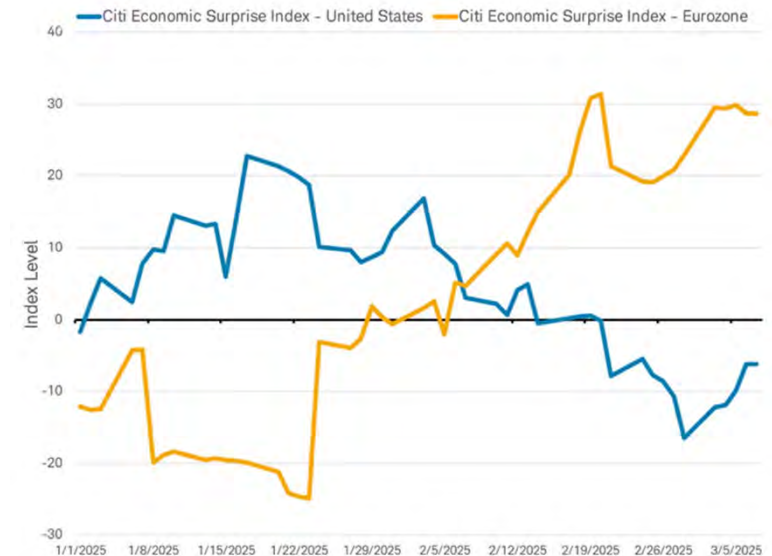
American Stocks' Worst Quarter in 23 Years

US index only lagged by more during the accounting scandals of 2002

MSCI US Quarterly Performance Relative to the Rest of the World



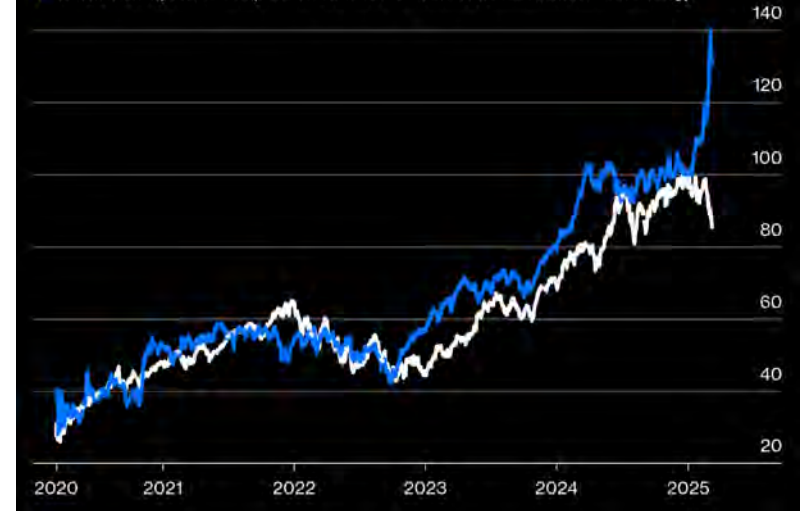
Citigroup Economic Surprise Indexes (Europe vs. U.S.)



Europe's Narrative Changes

The swing from the US is eye-popping

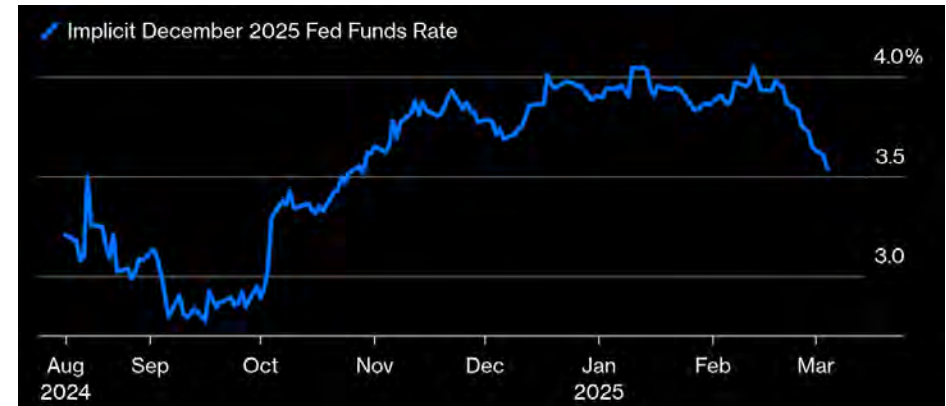
STOXX European Aerospace & Defense S&P 500 Information Technology



Rate Cut Expectations Return, But Bond Markets Less Worried

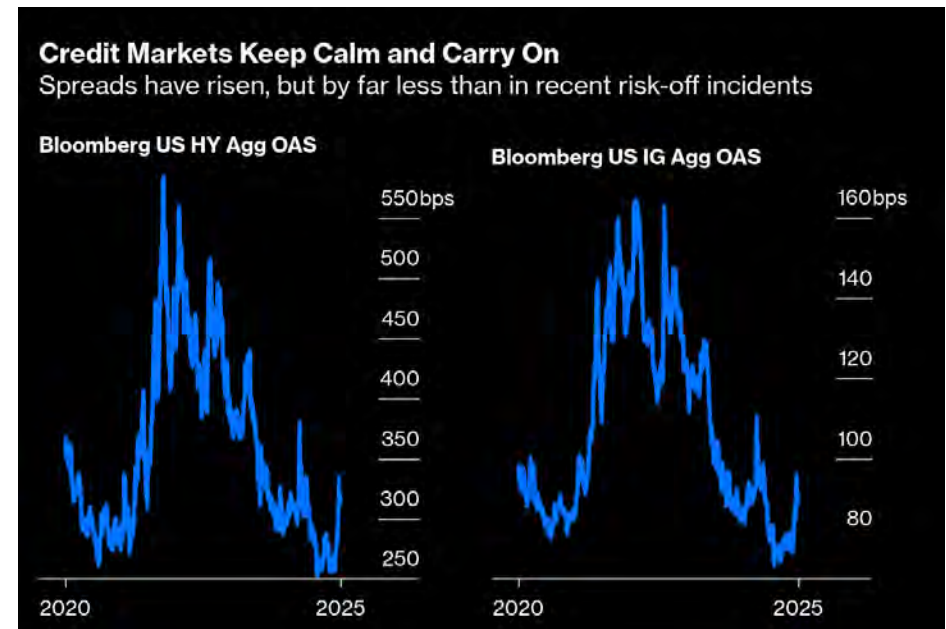
- Sensing this shift in sentiment, the implied December 2025 Fed Funds rate moved from 4% to near 3.5%, suggesting the Federal Reserve may need to act if this drop in consumer sentiment leads to a slowdown in spending. Consumption makes up almost two thirds of overall U.S. GDP.

Fed Funds Rate Forecast
(Futures Implied Rate as of Dec. 2025)

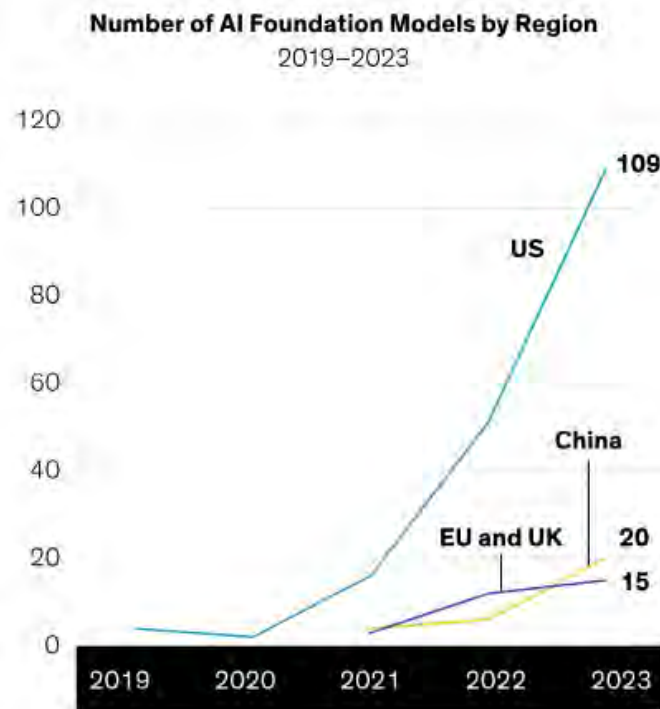


- Credit markets, which tend to express their concern for the economy and corporate profits through the level of credit spreads, have remained relatively unfazed by the mixed economic data and tariff uncertainty. While both high yield and investment grade indexes saw spread levels rise in March, they did so from very low levels. Current spreads are nowhere near the levels seen during past periods of stress like the carry trade unwind of last year or regional banking crisis of two years ago. While it remains to be seen if the worst of the equity market volatility is behind us, credit markets don't appear overly concerned about the immediate future.

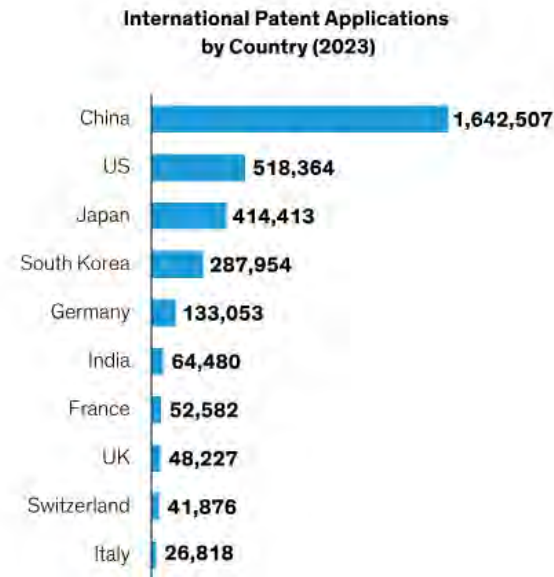
Credit Spreads
(High Yield and Investment Grade)



Risks: U.S. Leadership in Artificial Intelligence Under Pressure



China's Patent Push Confirms Innovation Credentials

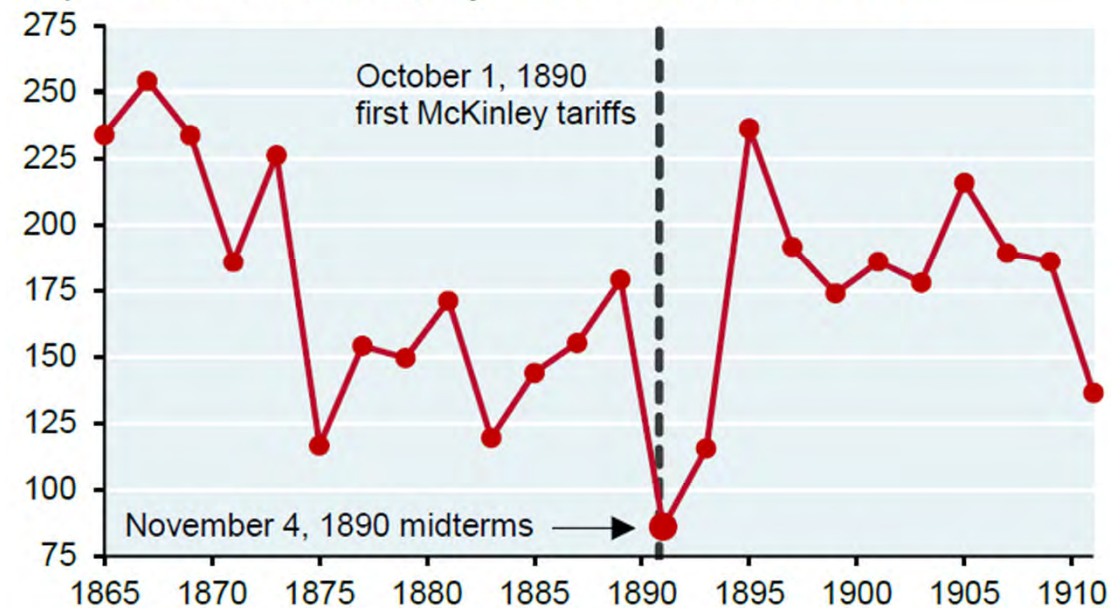


- While the U.S. is still ahead of other regions in the total number of Artificial Intelligence (AI) models, China is catching-up quickly with a significant investment in AI and has recently moved ahead of Europe and the UK.
- China has abundant engineering talent and significant resources to help it compete in AI. China submitted over 1.6 million patent applications in 2023 – more than 3 times greater than their nearest competitor in the U.S.
- China has proven its ability to catch up in other industries such as solar and electric vehicles – two industries where they were not pioneers, but they now dominate. China's cost-effective engineering talent gives its firms a strong chance to emerge as leading players in AI and compete with the U.S. leaders.

Appendix: Even More on Tariffs

McKinley tariff aftermath: 1890 midterms

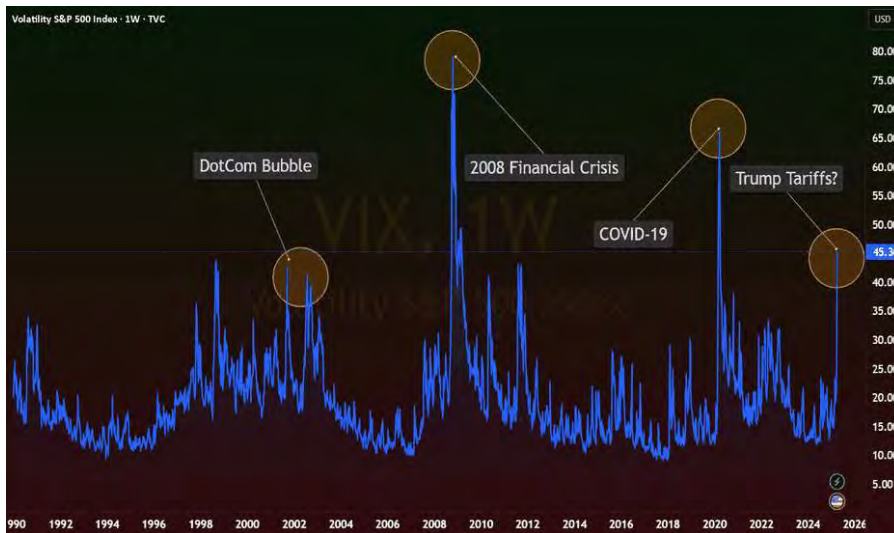
Republican House seats, adjusted for House size in 1890



- One cautionary tale from history on tariffs relates to those enacted by President McKinley in 1890. Despite the popularity of the tariffs at the time of implementation, they caused an almost immediate inflation spike.
- Just months later, the GOP lost the equivalent of 100 seats in the 1890 midterm elections.

Appendix: Volatility & Future Equity Returns

CBOE VIX Volatility Index



- The VIX, or CBOE Volatility Index, is a real-time index that measures the market's expectation of volatility in the S&P 500 Index over the next 30 days. The index is often referred to as the "fear gauge."

S& 500 Returns Following Volatility Spikes
(1990 – 2025)

Week Ended	CBOE VIX Spike %	Forward Returns		
		1 Year	3 Year	5 Year
2/28/2020	135%	31.3%	12.1%	17.1%
8/21/2015	118%	13.3%	15.4%	13.6%
4/4/2025	109%			
5/7/2010	86%	23.0%	15.7%	16.1%
12/12/2014	78%	2.6%	14.7%	11.7%
3/2/2007	76%	-2.2%	-5.2%	1.9%
2/9/2008	68%	5.4%	16.2%	11.5%
12/11/2015	65%	14.8%	11.6%	15.2%
11/26/2021	60%	-11.0%	10.8%	
3/23/2018	57%	10.4%	17.0%	10.6%
2/2/2018	56%	-0.1%	12.5%	10.0%
10/10/2008	55%	22.3%	11.2%	16.0%
8/11/2017	55%	18.3%	13.3%	13.2%
2/4/1994	53%	4.8%	21.7%	24.8%
1/22/2010	52%	19.9%	13.2%	15.5%
10/31/1997	51%	22.0%	16.2%	1.0%
1/29/2021	51%	21.0%	11.3%	
1/21/2022	50%	-8.2%	12.6%	
4/1/1994	50%	15.6%	23.2%	26.2%
9/6/2024	49%			
Average of 20 Biggest 1 Week VIX Spikes		11.3%	13.7%	14.4%
Average of All Other Periods		12.1%	11.7%	11.7%

- Historically, periods of extreme equity volatility, as expressed by spikes in the VIX Index, tend to be followed by periods of relatively strong equity market returns.

Market Highlights

- U.S. equity markets were roiled in March by fears of an escalating global trade war and the impact to growth and inflation in the coming months.
- The S&P 500 fell -5.63% for the month and finished the 1st quarter down -4.27% overall.
- U.S. Small Caps endured a wave of selling and dropped -6.81% in March to end the quarter down -9.48%.
- Consumer Discretionary, Information Technology, and Communications Services all fell more than -8.00% while Energy and Utilities were the lone S&P 500 sectors with positive performance in March.
- A continued rotation from Growth to Value stocks in the U.S. saw the Russell 1000 Value down -2.78% compared to -8.46% for the Russell 1000 Growth during the month.
- Developed International (-0.40%) and Emerging Markets (+0.63%) provided some needed diversification during the month and have enjoyed strong starts to the year.
- Core fixed income has also provided some protection from weaker equity markets. The Bloomberg U.S. Agg was up +0.04% in March and is +2.78% higher this year. High Yield began to show signs of weakness as spreads widened, resulting in a -1.02% drop for the Bloomberg High Yield Index in March.

Sources: Morningstar Direct, MSCI

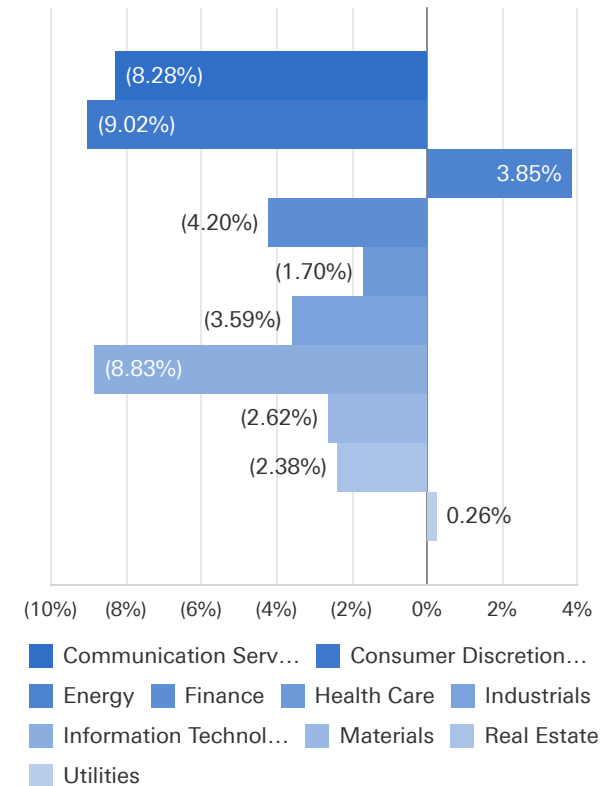
Index Returns

Equity Returns	MTD	YTD	1 Yr.	3 Yr.	5 Yr.
S&P 500	(5.63)	(4.27)	8.25	9.06	18.58
Russell 1000	(5.79)	(4.49)	7.82	8.65	18.45
Russell Mid Cap	(4.63)	(3.40)	2.59	4.61	16.27
Russell 2000	(6.81)	(9.48)	(4.01)	0.52	13.26
Russell 3000	(5.83)	(4.72)	7.22	8.21	18.17
NASDAQ	(8.14)	(10.26)	6.37	7.60	18.47
MSCI ACWI	(3.95)	(1.32)	7.15	6.91	15.17
MSCI ACWI Ex US	(0.23)	5.23	6.09	4.48	10.91
MSCI EAFE	(0.40)	6.86	4.88	6.05	11.76
MSCI Emerging Markets	0.63	2.93	8.09	1.44	7.94

Fixed Income Returns	MTD	YTD	1 Yr.	3 Yr.	5 Yr.
Bloomberg US Agg	0.04	2.78	4.88	0.52	(0.40)
Bloomberg GI Agg	0.62	2.64	3.05	(1.62)	(1.38)
Bloomberg US Cr	(0.24)	2.36	4.87	1.13	1.35
Bloomberg US Govt	0.23	2.91	4.53	0.01	(1.60)
Bloomberg US Corp HY	(1.02)	1.00	7.69	4.98	7.29
Bloomberg Muni Bond	(1.69)	(0.22)	1.22	1.53	1.07
Bloomberg GI Treasury	0.61	2.59	1.86	(3.20)	(3.02)

Other Index Returns	MTD	YTD	1 Yr.	3 Yr.	5 Yr.
Morningstar US OE Long-S...	(2.78)	(0.77)	3.61	4.73	8.74
Morningstar Equity Market ...	0.93	2.66	6.10	7.22	5.42
Wilshire Liquid Alt	(0.96)	0.86	2.00	2.42	4.49
FTSE EPRA/NAREIT Develo...	(2.32)	1.59	3.90	(4.27)	6.21
Alerian MLP	0.05	12.58	22.99	24.98	40.18
Bloomberg Commodity Index	3.93	8.88	12.28	(0.77)	14.51

MTD S&P Sector Returns



Russell Style Returns	MTD	YTD
Russell 1000 Value	(2.78)	2.14
Russell 1000	(5.79)	(4.49)
Russell 1000 Growth	(8.46)	(10.00)
Russell Mid Cap Value	(3.68)	(2.11)
Russell Mid Cap	(4.63)	(3.40)
Russell Mid Cap Growth	(7.41)	(7.12)
Russell 2000 Value	(6.00)	(7.74)
Russell 2000	(6.81)	(9.48)
Russell 2000 Growth	(7.58)	(11.12)

Market Index Review



Major Market Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
S&P 500	(5.63)	(4.27)	(4.27)	8.25	9.06	18.58	12.49
Russell 2000	(6.81)	(9.48)	(9.48)	(4.01)	0.52	13.26	6.29
Russell 3000	(5.83)	(4.72)	(4.72)	7.22	8.21	18.17	11.79
MSCI ACWI	(3.95)	(1.32)	(1.32)	7.15	6.91	15.17	8.83
MSCI ACWI Ex US	(0.23)	5.23	5.23	6.09	4.48	10.91	4.97
Bloomberg US Agg	0.04	2.78	2.78	4.88	0.52	(0.40)	1.46

Russell Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
Russell 1000	(5.79)	(4.49)	(4.49)	7.82	8.65	18.45	12.17
Russell 1000 Value	(2.78)	2.14	2.14	7.18	6.64	16.14	8.79
Russell 1000 Growth	(8.46)	(10.00)	(10.00)	7.72	10.08	20.07	15.10
Russell Mid Cap	(4.63)	(3.40)	(3.40)	2.59	4.61	16.27	8.82
Russell Mid Cap Growth	(7.41)	(7.12)	(7.12)	3.57	6.16	14.86	10.13
Russell Mid Cap Value	(3.68)	(2.11)	(2.11)	2.27	3.78	16.69	7.61
Russell 2000 Growth	(7.58)	(11.12)	(11.12)	(4.86)	0.78	10.77	6.14
Russell 2000 Value	(6.00)	(7.74)	(7.74)	(3.12)	0.05	15.30	6.07

Sector Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
S&P 500 Materials	(2.62)	2.81	2.81	(5.67)	1.30	16.11	8.06
S&P 500 Cons Discretionary	(8.91)	(13.80)	(13.80)	6.86	3.40	15.62	11.41
S&P 500 Cons Staples	(2.43)	5.23	5.23	12.43	6.84	12.69	8.87
S&P 500 Energy	3.85	10.21	10.21	2.49	11.07	31.56	6.24
S&P 500 Financials	(4.20)	3.52	3.52	20.18	11.23	21.46	12.04
S&P 500 Health Care	(1.70)	6.54	6.54	0.40	3.92	12.37	9.14
S&P 500 Industrials	(3.59)	(0.19)	(0.19)	5.65	10.26	19.26	10.81
S&P 500 Information Technology	(8.83)	(12.65)	(12.65)	5.89	13.84	24.33	20.62
S&P 500 Real Estate	(2.38)	3.52	3.52	9.96	(1.30)	9.80	6.54
S&P 500 Communication Servi...	(8.28)	(6.21)	(6.21)	13.56	11.82	17.38	10.30
S&P 500 Utilities	0.26	4.94	4.94	23.87	5.27	10.81	9.53

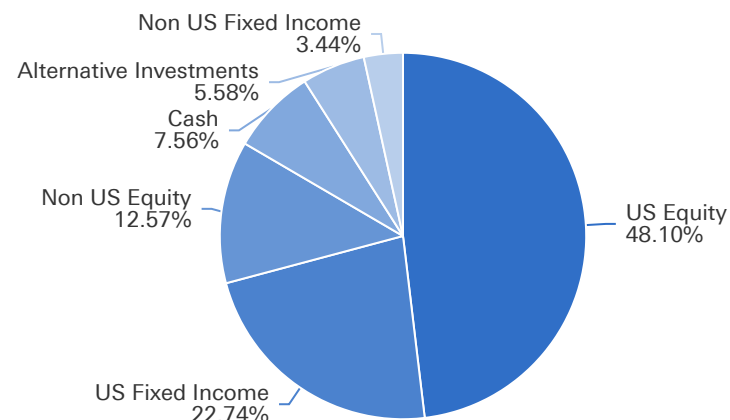
International Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
MSCI EAFE	(0.40)	6.86	6.86	4.88	6.05	11.76	5.39
MSCI Europe	(0.30)	10.48	10.48	6.87	7.32	13.14	5.67
MSCI Pacific	(0.38)	0.46	0.46	0.92	3.86	9.48	5.18
MSCI EAFE Small Cap	0.53	3.69	3.69	3.10	0.88	9.89	5.33
MSCI Emerging Markets	0.63	2.93	2.93	8.09	1.44	7.94	3.70
MSCI Frontier Markets	2.85	7.93	7.93	12.21	1.78	9.94	3.35

Bond Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
ICE BofA US 3 Month Treasury...	0.33	1.02	1.02	4.97	4.23	2.55	1.87
Bloomberg Muni Bond	(1.69)	(0.22)	(0.22)	1.22	1.53	1.07	2.12
Bloomberg US Agg Govt / Cr	0.05	2.70	2.70	4.66	0.45	(0.34)	1.58
Bloomberg Int US Govt / Cr	0.44	2.42	2.42	5.65	2.18	0.86	1.81
Bloomberg US Cr 1-3 Years	0.43	1.64	1.64	6.06	3.66	2.52	2.24
Bloomberg U.S. Long Cr	(1.38)	2.47	2.47	2.09	(2.19)	(0.50)	2.05
Bloomberg US Corp HY	(1.02)	1.00	1.00	7.69	4.98	7.29	5.01
Bloomberg GI Treasury	0.61	2.59	2.59	1.86	(3.20)	(3.02)	(0.13)

Other Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
Morningstar US OE Long-Shor...	(2.78)	(0.77)	(0.77)	3.61	4.73	8.74	4.22
Morningstar Equity Market Ne...	0.93	2.66	2.66	6.10	7.22	5.42	2.98
Morningstar US Multistrategy	(0.84)	0.69	0.69	1.70	3.68	5.49	2.50
Wilshire Liquid Alt	(0.96)	0.86	0.86	2.00	2.42	4.49	1.79
FTSE EPRA/NAREIT Developed...	(2.32)	1.59	1.59	3.90	(4.27)	6.21	1.99
Alerian MLP	0.05	12.58	12.58	22.99	24.98	40.18	5.46
Bloomberg Commodity Index	3.93	8.88	8.88	12.28	(0.77)	14.51	2.77
S&P GI Infrastructure	2.10	4.60	4.60	18.80	6.09	13.81	6.48
Crude Oil - WTI Spot	2.72	(0.79)	(0.79)	(14.40)	(10.50)	28.52	4.18
USD DXY	(3.16)	(3.94)	(3.94)	(0.32)	1.96	1.02	0.58
US CPI - All items less food & ...	0.00	0.67	0.67	2.75	4.03	4.03	3.06

Current Allocation

Asset Class	Current Value	Current Allocation
US Equity	\$49,297,413	48.10%
Non US Equity	\$12,882,382	12.57%
US Fixed Income	\$23,306,455	22.74%
Non US Fixed Income	\$3,524,845	3.44%
Alternative Investments	\$5,717,644	5.58%
Cash	\$7,750,199	7.56%
Total	\$102,478,939	100.00%



Summary of Cash Flows

	Current Quarter	YTD	Fiscal YTD	1 Yr.
Starting Value	\$103,604,529	\$103,604,529	\$102,091,849	\$95,492,441
Net Cash Flow	(\$65,772)	(\$65,772)	(\$102,167)	\$1,277,407
Net Investment Change	(\$1,028,503)	(\$1,028,503)	\$520,572	\$5,740,406
Ending Value	\$102,478,939	\$102,478,939	\$102,478,939	\$102,478,939

Return Summary

	MTD %	QTD %	YTD %	Fiscal YTD	1 Yr. %	3 Yr. %	5 Yr. %	10 Yr. %	Inc. %	Inc. Date
Total	(2.80)	(1.00)	(1.00)	0.47	6.17	5.03	12.19	7.99	7.88	Oct 1994
<i>Index Composite - Dynamic Benchmark</i>	<i>(2.77)</i>	<i>(0.97)</i>	<i>(0.97)</i>	<i>0.82</i>	<i>6.60</i>	<i>5.31</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>70% Rus 3000 / 30% Bloomberg Govt/Cr...</i>	<i>(3.95)</i>	<i>(2.58)</i>	<i>(2.58)</i>	<i>0.48</i>	<i>6.78</i>	<i>6.50</i>	<i>12.70</i>	<i>8.85</i>	<i>8.73</i>	
<i>S&P 500</i>	<i>(5.63)</i>	<i>(4.27)</i>	<i>(4.27)</i>	<i>0.13</i>	<i>8.25</i>	<i>9.06</i>	<i>18.58</i>	<i>12.49</i>	<i>10.57</i>	
<i>Russell 2000</i>	<i>(6.81)</i>	<i>(9.48)</i>	<i>(9.48)</i>	<i>(8.54)</i>	<i>(4.01)</i>	<i>0.52</i>	<i>13.26</i>	<i>6.29</i>	<i>8.44</i>	
<i>MSCI ACWI Ex US</i>	<i>(0.23)</i>	<i>5.23</i>	<i>5.23</i>	<i>(0.14)</i>	<i>6.09</i>	<i>4.48</i>	<i>10.91</i>	<i>4.97</i>	<i>-</i>	
<i>Bloomberg US Agg</i>	<i>0.04</i>	<i>2.78</i>	<i>2.78</i>	<i>0.97</i>	<i>4.88</i>	<i>0.52</i>	<i>(0.40)</i>	<i>1.46</i>	<i>4.59</i>	

Fiscal Year End: August

Asset Allocation by Asset Class

	Value (\$)	Current Allocation (%)	Policy Range	Within IPS Range? (Level 3)
US Equity	49,297,413	48.10	25.00 % - 75.00 %	Yes
iShares Total US Stock Mkt Ind Fd	49,297,413	48.10		
Non US Equity	12,882,382	12.57	0.00 % - 25.00 %	Yes
Harding Loevner International Equity Portfolio Instl CI	8,676,557	8.47		
Macquarie Emerging Markets Instl CI	4,205,826	4.10		
US Fixed Income	23,306,455	22.74	15.00 % - 75.00 %	Yes
Loop (Smith Graham)	18,673,309	18.22		
Shenkman Capital Short Dur High Yield I	4,633,146	4.52		
Non US Fixed Income	3,524,845	3.44	0.00 % - 25.00 %	Yes
Brandywineglobal - Global Opportunities Bd Fd CI I	3,524,845	3.44		
Alternative Investments	5,717,644	5.58	0.00 % - 15.00 %	Yes
Golub Capital Partners 14	1,462,910	1.43		
Magnitude International	4,254,734	4.15		
Cash	7,750,199	7.56	0.00 % - 5.00 %	No
Total	102,478,939	100.00		

Performance Summary

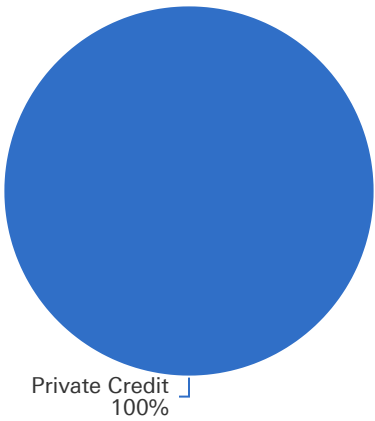
	Manager Status	Value	% Of Port.	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	Inc. %	Inception Date
Texas Southern University		\$102,478,939	100.00%	(2.80)	(1.00)	(1.00)	6.17	5.03	12.19	7.88	Oct 1994
Equity		\$62,179,795	60.68%	(4.75)	(2.87)	(2.87)	6.26	6.37	16.60	8.90	Oct 1994
Harding Loevner International Equity Portfolio Instl CI		\$8,676,557	8.47%	(0.35)	5.75	5.75	5.34	3.34		2.74	Mar 2022
<i>MSCI ACWI Ex US</i>				(0.23)	5.23	5.23	6.09	4.48		4.34	
iShares Total US Stock Mkt Ind Fd		\$49,297,413	48.10%	(5.82)	(4.73)	(4.73)	7.28	8.29	18.20	13.06	Sep 2015
<i>Russell 3000</i>				(5.83)	(4.72)	(4.72)	7.22	8.21	18.17	13.21	
Macquarie Emerging Markets Instl CI		\$4,205,826	4.10%	(0.52)	3.39	3.39	0.57	2.34		1.68	Mar 2022
<i>MSCI Emerging Markets</i>				0.63	2.93	2.93	8.09	1.44		1.61	
Fixed Income		\$26,831,300	26.18%	0.37	2.27	2.27	4.86	1.83	0.88	3.40	Jun 2005
Brandywineglobal - Global Opportunities Bd Fd CI I		\$3,524,845	3.44%	1.37	4.72	4.72	(0.39)	(4.14)		(4.20)	Mar 2022
<i>Bloomberg GI Treasury</i>				0.61	2.59	2.59	1.86	(3.20)		(2.92)	
Shenkman Capital Short Dur High Yield I		\$4,633,146	4.52%	(0.19)	1.24	1.24	6.07	4.99		4.91	Mar 2022
<i>Bloomberg US Cr 1-3 Years</i>				0.43	1.64	1.64	6.06	3.66		3.68	
Loop (Smith Graham)		\$18,673,309	18.22%	0.32	2.29	2.29	5.84	2.44	1.18	3.47	Jun 2005
<i>Spliced Fixed Income Index</i>				0.05	2.75	2.75	4.87	0.56	(0.36)	3.11	
Alternative Investments		\$5,717,644	5.58%	0.44	0.54	0.54	8.04	9.16		9.15	Mar 2022
Golub Capital Partners 14		\$1,462,910	1.43%	1.59	1.59	1.59	8.78	9.45		9.45	Mar 2022
<i>Cliffwater Direct Lending Index</i>				0.00	0.00	0.00	5.35	8.32		8.32	
Magnitude International		\$4,254,734	4.15%	0.05	1.88	1.88	10.74	9.95		9.94	Mar 2022
<i>Hedge Fund Conservative</i>				1.08	3.45	3.45	8.40	5.22		5.37	
Cash		\$7,750,199	7.56%								Jan 2000

Private Assets Portfolio Overview

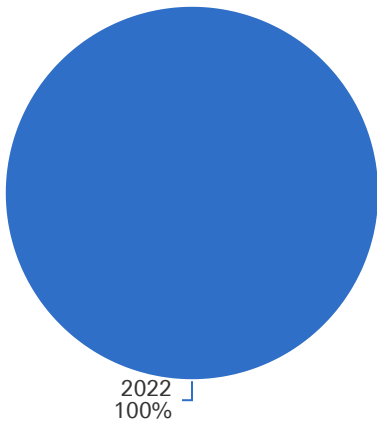
Portfolio Summary

1	\$1,462,910
Positions	Market Value
\$1,600,000	\$1,440,000
Commitments	Contribution
9.84%	\$354,800
IRR	Distribution

Strategy



Vintage Year



Investment Detail

	Vintage Year	Commitments	Total Contributions	Total Distributions	Value	Net Inv. Change	MOC	IRR	Valuation Date
Private Credit		\$1,600,000	\$1,440,000	\$354,800	\$1,462,910	\$377,710	1.26	9.84%	
Golub Capital Partners 14	2022	\$1,600,000	\$1,440,000	\$354,800	\$1,462,910	\$377,710	1.26	9.84%	03-31-2025
Total		\$1,600,000	\$1,440,000	\$354,800	\$1,462,910	\$377,710	1.26	9.84%	

Monthly Review

04-30-2025

Texas Southern University



Monthly Review - April 2025



Market Highlights

- Markets went on a tariff-induced roller coaster ride in April after the announcement of “reciprocal” tariffs on April 2nd drove bond yields higher and stock prices lower, followed by a 90-day pause that led to a rebound through the end of the month.

- The S&P 500 fell -0.68% for the month despite losing more than -10.00% in the first few days of April.

- U.S. Small Caps continued to lag broader markets and fell -2.31% in April, bringing year-to-date losses to -11.57%.

- Energy (-13.65%) was a clear laggard in April amongst S&P 500 sectors, while Information Technology (+1.62%) regained market leadership amidst a tough start to the year.

- The Russell 1000 Growth Index rose +1.70% for the month to outpace the Russell 1000 Value’s -3.05% return. The Value index (-0.98%) has outperformed Growth (-8.47%) so far this year.

- Developed International (+4.58%) and Emerging Markets (+1.31%) each had a strong April to continue strong starts to the year for overseas markets.

- The 10-year Treasury yield also had a volatile month, briefly moving over 4.50% from 4.21% at the start of April, and finishing at 4.16% by month end. The Bloomberg US Agg was up 0.39% in April and is now up +3.18% for the year.

Sources: Morningstar Direct, MSCI

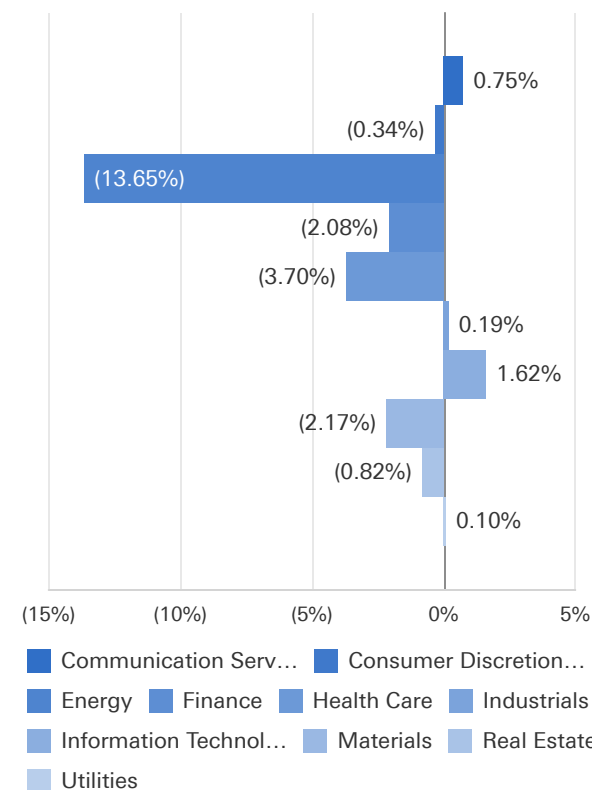
Index Returns

Equity Returns	MTD	YTD	1 Yr.	3 Yr.	5 Yr.
S&P 500	(0.68)	(4.92)	12.10	12.17	15.60
Russell 1000	(0.60)	(5.06)	11.94	11.85	15.41
Russell Mid Cap	(1.03)	(4.40)	7.33	7.07	12.96
Russell 2000	(2.31)	(11.57)	0.87	3.27	9.87
Russell 3000	(0.67)	(5.36)	11.40	11.40	15.11
NASDAQ	0.88	(9.48)	12.22	13.14	15.31
MSCI ACWI	0.93	(0.40)	11.84	10.26	13.06
MSCI ACWI Ex US	3.61	9.03	11.93	8.03	10.08
MSCI EAFE	4.58	11.76	12.57	10.07	11.37
MSCI Emerging Markets	1.31	4.28	9.02	3.84	6.34

Fixed Income Returns	MTD	YTD	1 Yr.	3 Yr.	5 Yr.
Bloomberg US Agg	0.39	3.18	8.02	1.95	(0.67)
Bloomberg GI Agg	2.94	5.65	8.82	1.21	(1.20)
Bloomberg US Cr	0.06	2.43	7.61	2.98	0.46
Bloomberg US Govt	0.63	3.56	7.67	1.26	(1.60)
Bloomberg US Corp HY	(0.02)	0.98	8.69	6.24	6.34
Bloomberg Muni Bond	(0.81)	(1.03)	1.66	2.20	1.16
Bloomberg GI Treasury	3.64	6.33	8.60	(0.06)	(2.57)

Other Index Returns	MTD	YTD	1 Yr.	3 Yr.	5 Yr.
Morningstar US OE Long-S...	(1.27)	(2.03)	4.85	5.48	7.37
Morningstar Equity Market ...	(0.10)	2.56	5.87	6.53	5.36
Wilshire Liquid Alt	(0.74)	0.11	2.27	2.51	3.72
FTSE EPRA/NAREIT Develo...	0.95	2.56	11.55	(2.15)	4.97
Alerian MLP	(8.84)	2.63	13.50	21.22	26.96
Bloomberg Commodity Index	(4.81)	3.64	4.08	(3.70)	13.73

MTD S&P Sector Returns



Russell Style Returns	MTD	YTD
Russell 1000 Value	(3.05)	(0.98)
Russell 1000	(0.60)	(5.06)
Russell 1000 Growth	1.70	(8.47)
Russell Mid Cap Value	(2.48)	(4.54)
Russell Mid Cap	(1.03)	(4.40)
Russell Mid Cap Growth	3.36	(4.00)
Russell 2000 Value	(4.02)	(11.45)
Russell 2000	(2.31)	(11.57)
Russell 2000 Growth	(0.64)	(11.68)

Market Index Review

As of 04-30-2025

Major Market Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
S&P 500	(0.68)	(0.68)	(4.92)	12.10	12.17	15.60	12.31
Russell 2000	(2.31)	(2.31)	(11.57)	0.87	3.27	9.87	6.32
Russell 3000	(0.67)	(0.67)	(5.36)	11.40	11.40	15.11	11.67
MSCI ACWI	0.93	0.93	(0.40)	11.84	10.26	13.06	8.62
MSCI ACWI Ex US	3.61	3.61	9.03	11.93	8.03	10.08	4.83
Bloomberg US Agg	0.39	0.39	3.18	8.02	1.95	(0.67)	1.54

Russell Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
Russell 1000	(0.60)	(0.60)	(5.06)	11.94	11.85	15.41	12.02
Russell 1000 Value	(3.05)	(3.05)	(0.98)	8.55	7.60	12.99	8.35
Russell 1000 Growth	1.70	1.70	(8.47)	14.41	15.54	17.19	15.24
Russell Mid Cap	(1.03)	(1.03)	(4.40)	7.33	7.07	12.96	8.80
Russell Mid Cap Growth	3.36	3.36	(4.00)	13.65	11.69	12.30	10.57
Russell Mid Cap Value	(2.48)	(2.48)	(4.54)	5.24	5.04	13.24	7.46
Russell 2000 Growth	(0.64)	(0.64)	(11.68)	2.42	5.05	7.60	6.38
Russell 2000 Value	(4.02)	(4.02)	(11.45)	(0.68)	1.38	11.73	5.86

Sector Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
S&P 500 Materials	(2.17)	(2.17)	0.58	(3.28)	1.76	12.36	7.50
S&P 500 Cons Discretionary	(0.34)	(0.34)	(14.26)	10.51	7.26	10.43	10.14
S&P 500 Cons Staples	1.23	1.23	6.53	14.84	6.38	11.48	9.09
S&P 500 Energy	(13.65)	(13.65)	(4.83)	(10.81)	6.32	21.27	4.02
S&P 500 Financials	(2.08)	(2.08)	1.37	22.82	14.34	18.76	11.79
S&P 500 Health Care	(3.70)	(3.70)	2.59	1.86	4.29	8.90	8.87
S&P 500 Industrials	0.19	0.19	0.00	9.78	13.25	17.33	10.83
S&P 500 Information Technology	1.62	1.62	(11.24)	13.79	19.11	21.55	20.54
S&P 500 Real Estate	(0.82)	(0.82)	2.67	19.28	(0.37)	7.66	6.97
S&P 500 Communication Servi...	0.75	0.75	(5.50)	16.83	18.62	14.55	9.76
S&P 500 Utilities	0.10	0.10	5.04	21.98	6.84	10.13	9.59

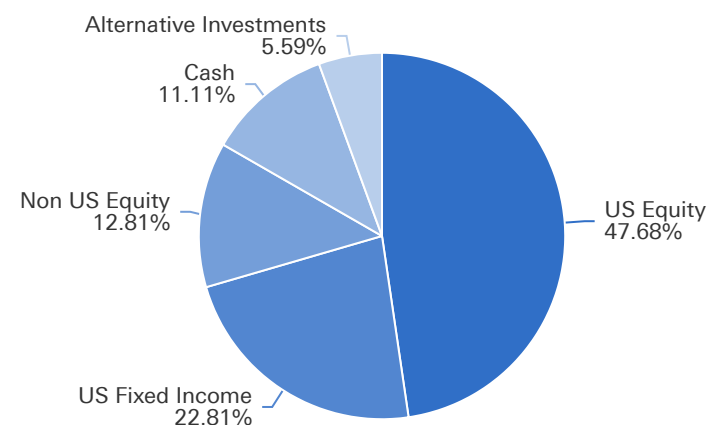
International Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
MSCI EAFE	4.58	4.58	11.76	12.57	10.07	11.37	5.44
MSCI Europe	4.37	4.37	15.31	13.69	11.03	12.81	5.67
MSCI Pacific	5.00	5.00	5.48	10.07	8.44	9.01	5.31
MSCI EAFE Small Cap	5.80	5.80	9.71	12.42	5.26	8.96	5.45
MSCI Emerging Markets	1.31	1.31	4.28	9.02	3.84	6.34	3.07
MSCI Frontier Markets	(1.18)	(1.18)	6.66	14.29	2.31	8.26	2.84

Bond Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
ICE BofA US 3 Month Treasury...	0.34	0.34	1.37	4.88	4.34	2.62	1.90
Bloomberg Muni Bond	(0.81)	(0.81)	(1.03)	1.66	2.20	1.16	2.10
Bloomberg US Agg Govt / Cr	0.42	0.42	3.13	7.66	1.95	(0.70)	1.68
Bloomberg Int US Govt / Cr	0.93	0.93	3.37	8.09	3.19	0.76	1.90
Bloomberg US Cr 1-3 Years	0.62	0.62	2.26	6.98	4.11	2.28	2.28
Bloomberg U.S. Long Cr	(1.23)	(1.23)	1.20	6.02	0.75	(2.02)	2.13
Bloomberg US Corp HY	(0.02)	(0.02)	0.98	8.69	6.24	6.34	4.88
Bloomberg GI Treasury	3.64	3.64	6.33	8.60	(0.06)	(2.57)	0.12

Other Indices	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.
Morningstar US OE Long-Shor...	(1.27)	(1.27)	(2.03)	4.85	5.48	7.37	4.09
Morningstar Equity Market Ne...	(0.10)	(0.10)	2.56	5.87	6.53	5.36	3.02
Morningstar US Multistrategy	(1.75)	(1.75)	(1.07)	0.44	3.34	4.59	2.34
Wilshire Liquid Alt	(0.74)	(0.74)	0.11	2.27	2.51	3.72	1.72
FTSE EPRA/NAREIT Developed...	0.95	0.95	2.56	11.55	(2.15)	4.97	2.25
Alerian MLP	(8.84)	(8.84)	2.63	13.50	21.22	26.96	3.87
Bloomberg Commodity Index	(4.81)	(4.81)	3.64	4.08	(3.70)	13.73	1.70
S&P GI Infrastructure	3.72	3.72	8.49	23.89	8.58	12.60	6.41
Crude Oil - WTI Spot	(17.14)	(17.14)	(17.79)	(28.67)	(17.13)	25.87	(0.01)
USD DXY	(4.55)	(4.55)	(8.31)	(6.36)	(1.14)	0.09	0.50
US CPI - All items less food & ...	0.00	0.00	0.73	2.54	3.88	4.15	3.04

Current Allocation

Asset Class	Current Value	Current Allocation
US Equity	\$48,929,478	47.68%
Non US Equity	\$13,150,177	12.81%
US Fixed Income	\$23,411,044	22.81%
Alternative Investments	\$5,734,234	5.59%
Cash	\$11,396,634	11.11%
Total	\$102,621,568	100.00%



Summary of Cash Flows

	Current Quarter	YTD	Fiscal YTD	1 Yr.
Starting Value	\$102,478,939	\$103,604,529	\$102,091,849	\$92,934,504
Net Cash Flow	(\$51,361)	(\$117,132)	(\$153,527)	\$1,222,214
Net Investment Change	\$193,990	(\$834,513)	\$714,562	\$8,496,165
Ending Value	\$102,621,568	\$102,621,568	\$102,621,568	\$102,621,568

Return Summary

	MTD %	QTD %	YTD %	Fiscal YTD	1 Yr. %	3 Yr. %	5 Yr. %	10 Yr. %	Inc. %	Inc. Date
Total	0.18	0.18	(0.82)	0.64	9.31	7.37	10.18	7.88	7.86	Oct 1994
<i>Index Composite - Dynamic Benchmark</i>	<i>0.32</i>	<i>0.32</i>	<i>(0.65)</i>	<i>1.15</i>	<i>9.81</i>	<i>7.60</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>70% Rus 3000 / 30% Bloomberg Govt/Cr...</i>	<i>(0.19)</i>	<i>(0.19)</i>	<i>(2.76)</i>	<i>0.28</i>	<i>10.42</i>	<i>8.94</i>	<i>10.66</i>	<i>8.79</i>	<i>8.70</i>	
<i>S&P 500</i>	<i>(0.68)</i>	<i>(0.68)</i>	<i>(4.92)</i>	<i>(0.55)</i>	<i>12.10</i>	<i>12.17</i>	<i>15.60</i>	<i>12.31</i>	<i>10.52</i>	
<i>Russell 2000</i>	<i>(2.31)</i>	<i>(2.31)</i>	<i>(11.57)</i>	<i>(10.65)</i>	<i>0.87</i>	<i>3.27</i>	<i>9.87</i>	<i>6.32</i>	<i>8.34</i>	
<i>MSCI ACWI Ex US</i>	<i>3.61</i>	<i>3.61</i>	<i>9.03</i>	<i>3.46</i>	<i>11.93</i>	<i>8.03</i>	<i>10.08</i>	<i>4.83</i>	<i>-</i>	
<i>Bloomberg US Agg</i>	<i>0.39</i>	<i>0.39</i>	<i>3.18</i>	<i>1.37</i>	<i>8.02</i>	<i>1.95</i>	<i>(0.67)</i>	<i>1.54</i>	<i>4.59</i>	

Fiscal Year End: August

Asset Allocation by Asset Class

	Value (\$)	Current Allocation (%)	Policy Range	Within IPS Range? (Level 3)
US Equity	48,929,478	47.68	25.00 % - 75.00 %	Yes
DFA US Small Cap Portfolio	5,014,912	4.89		
iShares Total US Stock Mkt Ind Fd	38,885,170	37.89		
Natixis Vaughan Nelson Small Cap	5,029,396	4.90		
Non US Equity	13,150,177	12.81	0.00 % - 25.00 %	Yes
Harding Loevner International Equity Portfolio Instl CI	8,944,351	8.72		
Macquarie Emerging Markets Instl CI	4,205,826	4.10		
US Fixed Income	23,411,044	22.81	15.00 % - 75.00 %	Yes
Loop (Smith Graham)	18,755,889	18.28		
Shenkman Capital Short Dur High Yield I	4,655,155	4.54		
Non US Fixed Income	0	0.00	0.00 % - 25.00 %	Yes
Alternative Investments	5,734,234	5.59	0.00 % - 15.00 %	Yes
Golub Capital Partners 14	1,462,910	1.43		
Magnitude International	4,271,324	4.16		
Cash	11,396,634	11.11	0.00 % - 5.00 %	No
Total	102,621,568	100.00		

Performance Summary

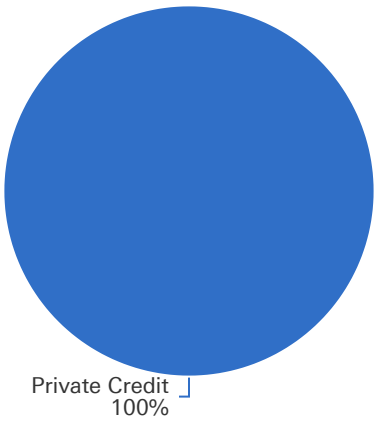
	Manager Status	Value	% Of Port.	MTD	QTD	YTD	1 Yr.	3 Yr.	5 Yr.	Inc. %	Inception Date
Texas Southern University		\$102,621,568	100.00%	0.18	0.18	(0.82)	9.31	7.37	10.18	7.86	Oct 1994
Equity		\$62,079,655	60.49%	(0.16)	(0.16)	(3.03)	10.30	9.56	13.81	8.87	Oct 1994
iShares Total US Stock Mkt Ind Fd		\$38,885,170	37.89%	(0.67)	(0.67)	(5.37)	11.42	11.48	15.16	12.86	Sep 2015
<i>Russell 3000</i>				(0.67)	(0.67)	(5.36)	11.40	11.40	15.11	13.01	
DFA US Small Cap Portfolio		\$5,014,912	4.89%							0.30 *	Apr 2025
<i>Russell 2000 Growth</i>										0.51 *	
Natixis Vaughan Nelson Small Cap		\$5,029,396	4.90%							0.59 *	Apr 2025
<i>Russell 2000 Value</i>										0.17 *	
Harding Loevner International Equity Portfolio Instl CI		\$8,944,351	8.72%	3.09	3.09	9.02	11.82	7.22		3.68	Mar 2022
<i>MSCI ACWI Ex US</i>				3.61	3.61	9.03	11.93	8.03		5.43	
Macquarie Emerging Markets Instl CI		\$4,205,826	4.10%	0.00	0.00	3.39	2.99	4.52		1.64	Mar 2022
<i>MSCI Emerging Markets</i>				1.31	1.31	4.28	9.02	3.84		2.00	
Fixed Income		\$23,411,044	22.81%	0.96	0.96	3.25	7.45	3.16	0.63	3.43	Jun 2005
Shenkman Capital Short Dur High Yield I		\$4,655,155	4.54%	0.48	0.48	1.72	6.57	5.64		4.93	Mar 2022
<i>Bloomberg US Cr 1-3 Years</i>				0.62	0.62	2.26	6.98	4.11		3.79	
Loop (Smith Graham)		\$18,755,889	18.28%	0.44	0.44	2.74	7.66	3.38	0.82	3.48	Jun 2005
<i>Spliced Fixed Income Index</i>				0.40	0.40	3.16	7.93	2.00	(0.64)	3.11	
Alternative Investments		\$5,734,234	5.59%	0.29	0.29	0.84	8.16	8.92		9.00	Mar 2022
Golub Capital Partners 14		\$1,462,910	1.43%	0.00	0.00	1.59	8.78	9.45		9.18	Mar 2022
<i>Cliffwater Direct Lending Index</i>				0.00	0.00	0.00	5.35	8.32		8.09	
Magnitude International		\$4,271,324	4.16%	0.39	0.39	2.28	10.90	9.64		9.80	Mar 2022
<i>Hedge Fund Conservative</i>				0.81	0.81	4.29	9.78	5.51		5.49	
Cash		\$11,396,634	11.11%								Jan 2000

Private Assets Portfolio Overview

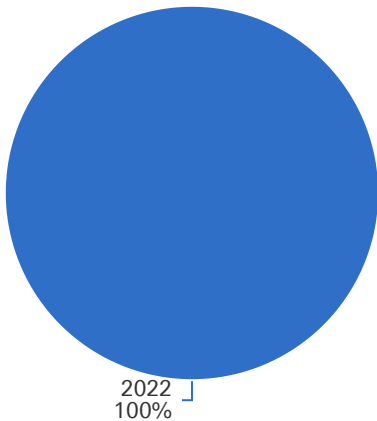
Portfolio Summary

1	\$1,462,910
Positions	Market Value
\$1,600,000	\$1,440,000
Commitments	Contribution
9.57%	\$354,800
IRR	Distribution

Strategy



Vintage Year



Investment Detail

	Vintage Year	Commitments	Total Contributions	Total Distributions	Value	Net Inv. Change	MOC	IRR	Valuation Date
Private Credit		\$1,600,000	\$1,440,000	\$354,800	\$1,462,910	\$377,710	1.26	9.57%	
Golub Capital Partners 14	2022	\$1,600,000	\$1,440,000	\$354,800	\$1,462,910	\$377,710	1.26	9.57%	03-31-2025
Total		\$1,600,000	\$1,440,000	\$354,800	\$1,462,910	\$377,710	1.26	9.57%	

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Time-Weighted Return (TWR) – Performance returns for client assets are generally shown as a Time-Weighted Return (TWR), which is a measure that calculates the compounded rate of growth of a portfolio or asset over a given period. TWR lessens cash flows' distorting effects on growth rates. The daily Modified Dietz calculation is used for TWR calculations.

Internal Rate of Return (IRR) – Performance returns displayed within each Private Assets Portfolio Overview, if included, are shown as an Internal Rate of Return (IRR) which measures the annual growth rate that an investment is expected to generate. IRR considers the amount of cash invested and the timing of the investment.

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Various indices shown in the Market Index Review and elsewhere (each, an “Index”) are unmanaged indices of securities that are used as general measures of market performance, and their performance is not reflective of the performance of any specific investment. Index comparisons are provided for informational purposes only and should not be used as the basis for making an investment decision. Further, the performance of an account managed by ACG and each Index may not be comparable. There may be significant differences between an account managed by ACG and each Index for reasons including, but not limited to, risk profile, liquidity, volatility, and asset composition. The performance shown for each Index reflects no deduction for client withdrawals, fees, or expenses. Accordingly, comparisons against the Index may be of limited use. Investments cannot be made directly into an Index.

Index Composite-Dynamic Benchmark – Where shown, the Index Composite-Dynamic Benchmark is an asset-weighted composite benchmark that is calculated based on the weight of each constituent benchmark in the underlying portfolio. This benchmark is rebalanced monthly, and the weight of each benchmark is determined by comparing the value of investments associated with the benchmark at the start of each rebalancing period.

Security and Investment Manager Summary Pages

This report may include one or more security/investment manager summary pages which include a description of the investment, historical performance returns and return summaries, sector allocations, and other information. This information is compiled from several sources including one or more of the following: the client, the custodian, the investment manager, Morningstar, ICE, and other sources. These pages are provided for informational purposes only and reflect the performance of the investment, as provided by Morningstar, over various time periods. While the information presented herein is believed to be reliable, no representation or warranty is made concerning the accuracy of any data presented. You should not treat these materials as advice in relation to legal, taxation, or investment matters.

The purpose of the security/investment manager summary pages is to provide a historical indication of the performance of the security or investment manager. In no way should either the Morningstar Return Summary or the Morningstar Annual Returns be considered indicative or a guarantee of the future performance of a client’s investment in that security or with the same manager, nor should they be considered indicative of the actual performance achieved by any client in the same security or with the same manager.

Other Definitions

Alpha – An estimate of risk-adjusted investment performance, where beta is used as a measure of risk. It is an indicator of the rate of return attributable to the investment manager after adjusting for the portfolio’s level of market risk. A positive Alpha indicates the investment manager has earned a higher rate of return than expected given the portfolio’s level of risk, while a negative alpha indicates the investment manager has earned a lower rate of return than expected given the portfolio’s level of risk.

Beta – Beta is a measure of systematic risk of a security or portfolio’s sensitivity to the market.

Downside Capture Ratio – This risk metric measures how well a manager performed during periods when the market fell. Downside capture ratio is displayed as a percentage.

Information Ratio – A measure comparing the returns on an investment to the amount of risk taken. It measures whether or not an asset received excess returns for the risk taken. The information ratio is similar to the Sharpe ratio. The only difference is that it measures returns against a particular benchmark rather than a risk-free rate and, therefore, measures the riskiness of the manager's active returns.

Modified Dietz Calculation – The Modified Dietz calculation is a widely used technique for calculating the rate of return on an investment portfolio that accounts for external cash flows, such as contributions or withdrawals. It provides a way to measure the historical performance of a portfolio by using a weighted calculation of cash flows during a specific period.

Multiple of Capital (MOC) – The Multiple of Capital is the amount of money gained from a position as a fraction of the money paid into the position.

Sharpe Ratio – A risk-adjusted measure of return which uses standard deviation to represent risk. It is calculated using annualized return in excess of return of the cash equivalent divided by the annualized standard deviation of the portfolio or benchmark. The higher the Sharpe ratio, the better the fund's risk-adjusted performance.

Standard Deviation – A statistical measure of risk reflecting the total variability (risk) of the portfolio or benchmark. It measures the extent to which the returns for a portfolio have varied from period to period and represents the dispersion of the periodic returns around the average return.

Tracking Error – Tracking error is the difference in actual performance between a position (usually an entire portfolio) and its corresponding benchmark. It is a measure of the risk in an investment portfolio that is due to active management decisions made by the portfolio manager, indicating how closely a portfolio follows the benchmark index.

Upside Capture Ratio – This risk metric measures how well a manager performed during periods when the market rose. Upside capture ratio is displayed as a percentage.

Texas Southern University: NACUBO Study of Endowments Review Fiscal Year 2024

INTRODUCTION

- 658 institutions responded to the Fiscal Year 2024 (FY2024) NACUBO-TIAA Study of Endowments, representing \$873.7 billion in endowment assets
- Ninety-two percent of FY23 Study respondents also participated in the FY24 Study
- As of June 30, 2024, surveyed institutions reported an average endowment size of \$1.3 billion while the median value was \$234.1 million
- The combination of good returns from publicly traded equities and an increase in gift giving resulted in a 6.7% increase in study participants total endowment value
- In a difficult year for alternative strategies, returns for the larger endowments in the study lagged mid-sized and smaller endowments
- Gift giving increased substantially relative to Fiscal Year 2023

ASSET ALLOCATION

	All Institutions	Under \$50M	\$51-100M	\$101M-\$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	Over \$5B	Texas Southern
Total Equities	76.0	68.2	69.6	71.7	74.0	74.6	77.2	76.1	65.1
Dedicated U.S. Equities	13.1	42.1	38.5	29.7	25.6	22.7	16.8	8.1	48.4
Dedicated Non-U.S. Equities	9.6	14.3	11.7	11.8	12.3	12.2	11.4	8.1	12.9
Global Equities	8.2	3.2	7.8	10.1	9.1	8.5	8.8	7.9	0.0
Marketable Alternatives ¹	16.1	3.6	5.2	8.2	10.2	11.1	14.6	18.3	3.9
Private Equity ²	29.0	4.6	6.4	12.0	16.5	20.1	25.5	33.6	0.0
Total Fixed Income	10.2	26.1	23.9	20.1	16.1	15.9	12.0	7.6	34.9
Investment Grade	5.6	21.1	17.9	14.6	10.2	9.4	5.3	4.2	21.5
Non-Investment Grade	0.5	1.2	0.7	1.3	1.4	1.0	0.8	0.2	4.4
Private Debt	1.5	1.2	0.7	1.4	1.5	2.7	2.5	1.0	1.4
Cash & Equivalents <1 yr.	2.7	2.6	4.5	2.7	3.0	2.8	3.4	2.2	7.5
Total Real Assets	10.8	4.9	5.1	6.4	7.3	7.5	9.0	12.5	0.0
Marketable Real Assets	1.4	1.7	2.1	2.3	2.5	1.7	1.4	1.2	0.0
Private Real Estate	4.9	2.0	1.6	2.5	2.5	3.2	4.2	5.7	0.0
Private Energy and Energy Infrastructure	3.2	0.3	0.7	1.0	1.2	2.0	2.7	4.0	0.0
Other Real Assets	1.3	0.8	0.7	0.6	1.1	0.5	0.6	1.7	0.0
Other Assets (unspecified)	3.0	0.9	1.5	1.8	2.6	2.0	1.8	3.7	0.0
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Compared to institutions of a similar size, Texas Southern University's allocation is:

Underweight Equities

(65.1% vs. 69.6%)

- Overweight Dedicated U.S. and Non – U.S. Equities
- Underweight all other categories

Overweight Fixed Income

(34.9% vs. 23.9%)

- Overweight all categories

Underweight Real Assets

(0.00% vs. 5.6%)

- Underweight all categories

(1) Marketable Alternatives include hedge funds, absolute return, market neutral, long/short, 130/30, and event-driven and derivatives

(2) Private Equity includes Private Equity, Venture Capital, and Secondaries

ENDOWMENT GIFTING

Dollars in thousands (\$)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
RESPONDED INSTITUTIONS	615	78	100	142	102	68	101	24
Total Gifts FY24	15,021,301	98,545	238,203	752,050	917,890	1,151,460	6,068,324	5,794,828
Total Gifts FY23	12,351,486	77,326	264,404	665,034	797,495	994,152	4,733,437	4,819,637
Average Gifts FY24	24,425	1,263	2,382	5,296	8,999	16,933	60,082	241,451
Average Gifts FY23	20,084	991	2,644	4,683	7,819	14,620	46,866	200,818
Median Gifts FY24	4,958	582	1,750	3,443	6,333	11,962	31,667	135,665
Median Gifts FY23	4,768	755	1,714	3,509	5,987	11,640	29,140	157,897

- Gifting increased 21% in FY2024 compared to FY2023, with the smallest and largest institutions seeing the largest increases
- The increase in gifts may reflect the strong calendar 2023 returns for both equities and fixed income securities
- The increase in gifting differed substantially between the average and the median, with the median rising much more modestly

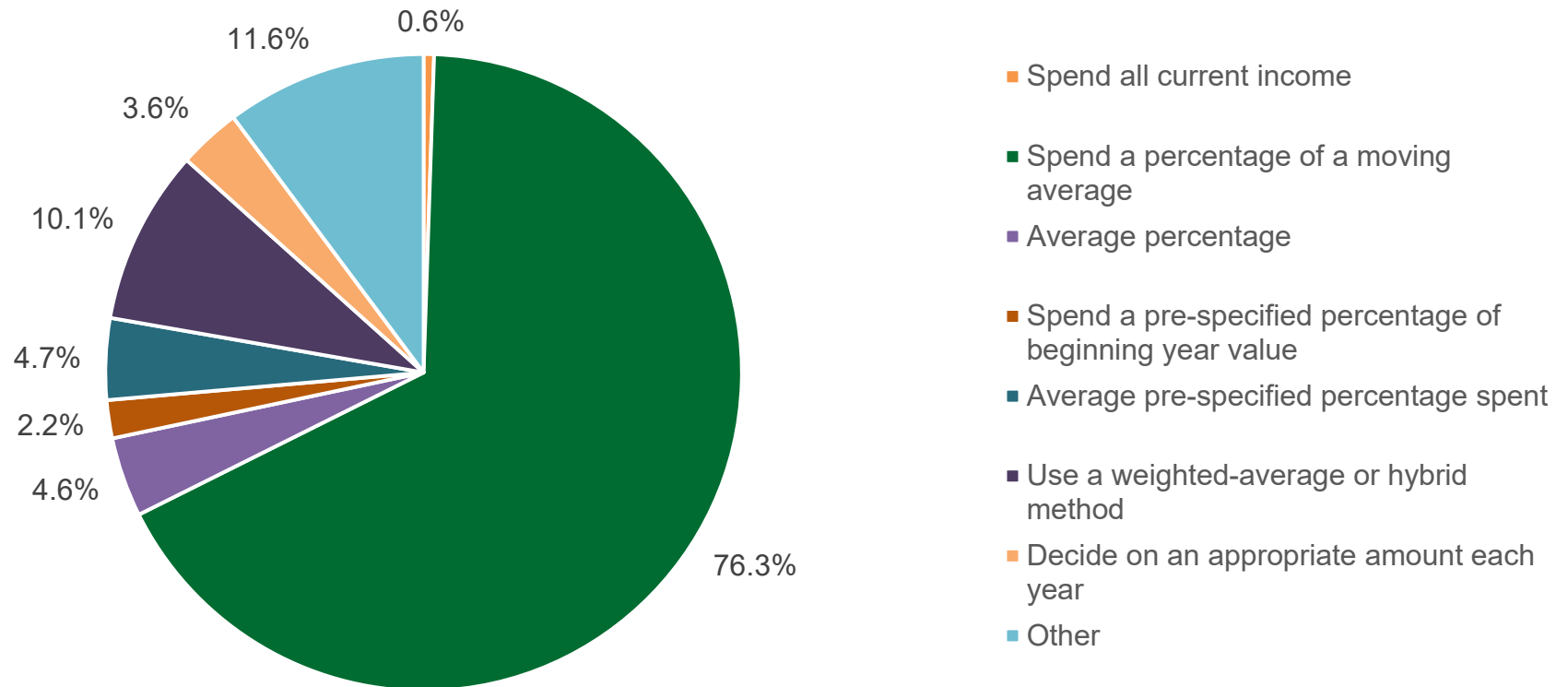
AVERAGE ANNUALIZED PERFORMANCE

	<i>Total Institutions</i>	<i>Under \$50M</i>	<i>\$51M-\$100M</i>	<i>\$101M-\$250M</i>	<i>\$251M-\$500M</i>	<i>\$501M-\$1B</i>	<i>\$1B-\$5B</i>	<i>Over \$5B</i>	<i>Texas Southern University</i>
3-year net annualized return	3.4%	3.2%	3.4%	3.1%	3.4%	4.0%	3.5%	2.4%	3.4%
5-year net annualized return	8.3%	8.1%	7.5%	7.7%	8.3%	8.7%	9.0%	9.8%	9.9%
10-year net annualized return	6.8%	6.5%	6.4%	6.3%	6.7%	7.0%	7.3%	8.3%	8.3%

Compared to institutions of a similar size (\$51-100 million), Texas Southern University's annualized performance has exceeded the average return over the trailing 5 and 10-year time periods

SPENDING POLICY

Spending Policy Rules (all respondents)



- Percentage of a moving average remained the most used (76.3%) method to determine spending policy in FY2024
- In FY2024, larger endowments were the most likely to use a weighted average or hybrid method, while smaller endowments were the most likely to decide on an appropriate amount each year

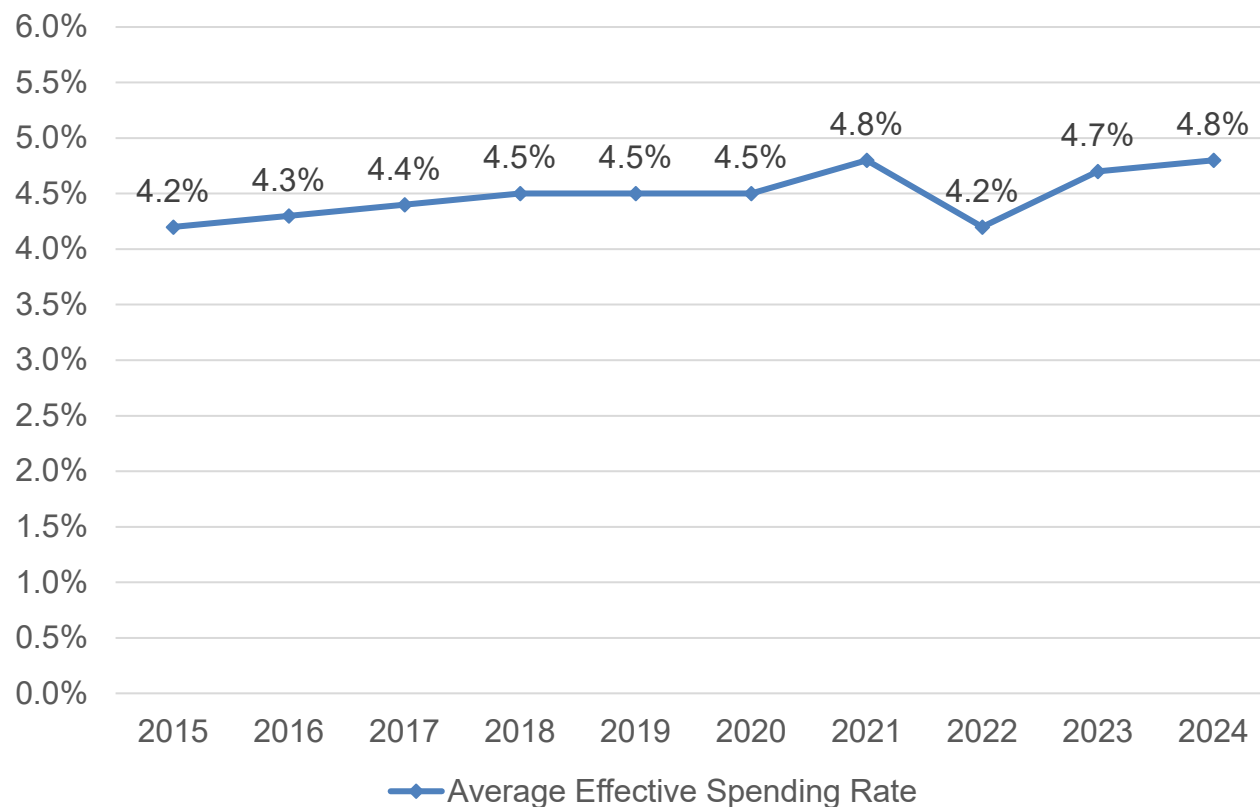
SPENDING POLICY MOVING AVERAGE TIME PERIOD

Numbers in percent (%)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
RESPONDED INSTITUTIONS	480	58	89	123	84	52	63	11
12 Quarters	45.6	29.3	40.4	56.1	56.0	42.3	41.3	18.2
16 Quarters	2.5	5.2	2.2	1.6	1.2	5.8	1.6	0.0
20 Quarters	12.1	8.6	12.4	8.1	15.5	9.6	17.5	27.3
3 Years	23.8	39.7	30.3	23.6	19.0	17.3	12.7	18.2
5 Years	6.7	8.6	9.0	5.7	2.4	5.8	7.9	18.2
Other	9.4	8.6	5.6	4.9	6.0	19.2	19.0	18.2

- Among responding institutions, 12-quarters is the most common time period for determining spending levels
- A moving average seeks to soften the impact of volatile markets on each year's spending

HISTORICAL AVERAGE SPENDING RATES

*Average Annual Effective Spending Rates for Total Institutions
Fiscal Years 2015 to 2024, years ending June 30*



- For FY2024, endowments average effective annual spending rate was 4.8% vs. 4.7% for FY2023
- Given their perpetual nature, the majority of endowments (91.3%) did not change their spending policy in FY 2024
- Similar to FY2023, the largest proportion of FY2024 endowment policy expenditure was allocated to student financial aid (48% on average)

Effective spending rate represents the distributions for spending divided by the beginning market value.

APPENDIX

DETAILED ASSET ALLOCATION

Numbers in percent (%)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
Equities	76.0	68.2	69.6	71.7	74.0	74.6	77.2	76.1
U.S. equities active	8.6	24.7	18.3	14.5	14.0	13.0	10.2	6.5
U.S. equities passive/index	4.5	17.4	20.2	15.2	11.6	9.7	6.6	1.6
Developed non-U.S. equities active	4.8	6.5	5.2	5.8	6.5	6.8	6.3	3.8
Developed non-U.S. equities passive/index	0.8	5.0	4.0	2.8	2.4	2.1	1.3	0.1
Emerging markets active	3.8	2.1	1.7	2.5	2.6	2.8	3.4	4.2
Emerging markets passive/index	0.2	0.7	0.8	0.7	0.6	0.4	0.5	0.0
Global equities active	6.8	2.3	5.6	7.6	7.6	6.4	6.9	6.8
Global equities passive/index	1.4	0.9	2.1	2.4	1.5	2.1	1.8	1.1
Private venture capital	11.7	1.0	1.4	2.8	3.6	5.0	10.7	14.1
Private equity	17.1	3.3	4.8	8.7	12.4	14.8	14.5	19.5
Secondaries	0.1	0.3	0.2	0.4	0.5	0.3	0.3	0.0
Sustainable investments	0.1	0.4	0.0	0.0	0.3	0.0	0.1	0.1
Marketable alternatives	16.1	3.6	5.2	8.2	10.2	11.1	14.6	18.3
Fixed Income	10.2	26.1	23.9	20.1	16.1	15.9	12.0	7.6
Investment grade active	4.4	17.0	13.2	10.5	6.9	6.2	3.8	3.8
Investment grade passive/index	1.2	4.1	4.7	4.2	3.3	3.2	1.5	0.4
Non investment grade	0.5	1.2	0.7	1.3	1.4	1.0	0.8	0.2
Private debt	1.5	1.2	0.7	1.4	1.5	2.7	2.5	1.0
Cash and equivalents <1 year	2.7	2.6	4.5	2.7	3.0	2.8	3.4	2.2
Real Assets	10.8	4.9	5.1	6.4	7.3	7.5	9.0	12.5
Marketable real assets	1.4	1.7	2.1	2.3	2.5	1.7	1.4	1.2
Private real estate	4.9	2.0	1.6	2.5	2.5	3.2	4.2	5.7
Private energy and energy infrastructure	3.2	0.3	0.7	1.0	1.2	2.0	2.7	4.0
Other private real assets	1.3	0.8	0.7	0.6	1.1	0.5	0.6	1.7
Other	3.0	0.9	1.5	1.8	2.6	2.0	1.8	3.7

Source: NACUBO-Commonfund Study of Endowments 2024
As of June 30, 2024
Averages are dollar-weighted

THREE-YEAR ANNUALIZED RETURNS BY PERCENTILE

Numbers in percent (%)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
RESPONDED INSTITUTIONS	605	65	88	140	102	70	113	27
Deciles								
90th Percentile	5.3	5.3	5.0	4.7	5.1	5.7	5.7	5.4
80th Percentile	4.6	4.1	4.5	4.2	4.4	5.2	5.2	3.8
70th Percentile	4.1	3.6	3.7	4.0	4.0	4.8	4.7	2.9
60th Percentile	3.6	3.4	3.4	3.6	3.6	4.2	4.0	2.7
50th Percentile (Median)	3.3	2.9	3.2	3.2	3.2	4.1	3.6	2.3
40th Percentile	2.9	2.8	3.0	2.8	3.0	3.8	3.2	1.7
30th Percentile	2.6	2.6	2.6	2.4	2.7	3.0	2.7	1.6
20th Percentile	2.2	2.1	2.4	2.2	2.3	2.6	1.9	0.8
10th Percentile	1.5	1.6	1.6	1.7	1.8	1.8	1.1	0.2
Quartiles								
75th Percentile	4.3	4.0	3.9	4.1	4.3	5.0	4.7	3.8
50th Percentile (Median)	3.3	2.9	3.2	3.2	3.2	4.1	3.6	2.3
25th Percentile	2.4	2.5	2.5	2.3	2.5	2.9	2.4	1.3
Percentiles								
95th Percentile	5.8	5.9	5.4	5.0	5.5	7.2	5.9	5.4
5th Percentile	0.7	1.4	1.1	0.8	1.2	0.6	0.5	0.0

FIVE-YEAR ANNUALIZED RETURNS BY PERCENTILE

Numbers in percent (%)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
RESPONDED INSTITUTIONS	599	63	85	138	103	70	113	27
Deciles								
90th Percentile	10.1	9.2	9.0	9.4	9.9	10.3	10.6	11.3
80th Percentile	9.4	8.4	8.5	8.7	9.3	9.5	10.0	11.0
70th Percentile	9.0	8.0	8.3	8.2	8.8	9.3	9.5	10.5
60th Percentile	8.5	7.8	8.1	8.0	8.3	9.0	9.2	10.2
50th Percentile (Median)	8.1	7.5	7.7	7.7	8.2	8.8	9.0	9.9
40th Percentile	7.8	7.3	7.4	7.5	7.8	8.4	8.7	9.5
30th Percentile	7.5	7.0	7.1	7.2	7.4	8.0	8.3	9.3
20th Percentile	7.1	6.9	6.6	6.8	7.1	7.6	8.0	8.8
10th Percentile	6.6	6.3	6.1	6.4	6.8	6.9	7.5	8.1
Quartiles								
75th Percentile	9.1	8.2	8.4	8.4	9.1	9.4	9.7	10.9
50th Percentile (Median)	8.1	7.5	7.7	7.7	8.2	8.8	9.0	9.9
25th Percentile	7.3	6.9	6.9	7.0	7.3	7.8	8.1	8.8
Percentiles								
95th Percentile	10.9	10.7	9.3	9.7	10.4	10.9	11.4	11.5
5th Percentile	6.1	5.2	5.9	6.0	6.6	6.5	6.7	7.7

TEN-YEAR ANNUALIZED RETURNS BY PERCENTILE

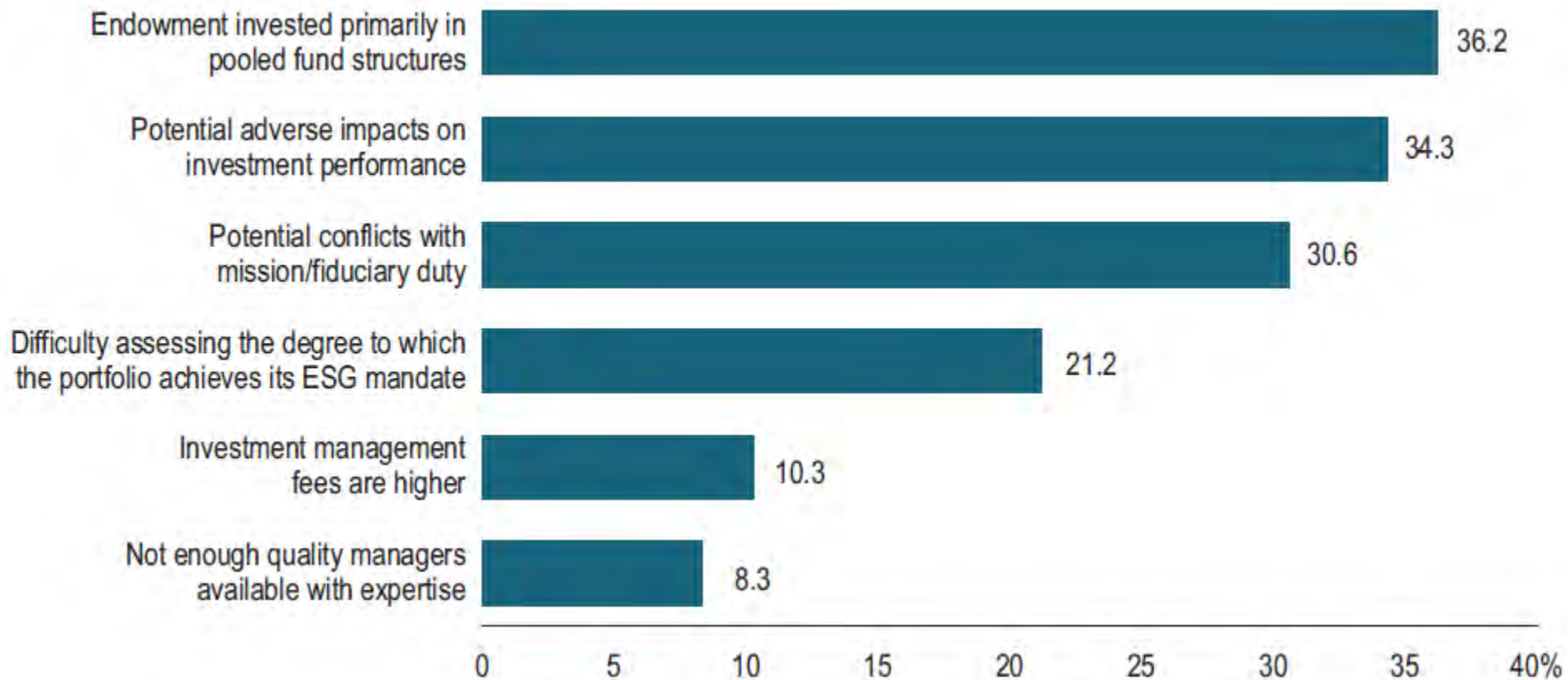
Numbers in percent (%)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
RESPONDED INSTITUTIONS	542	44	76	119	95	70	111	27
Deciles								
90th Percentile	8.3	8.3	7.8	7.8	8.1	8.1	8.7	9.6
80th Percentile	7.7	7.3	7.2	6.9	7.4	7.6	8.2	9.4
70th Percentile	7.2	7.0	7.0	6.6	7.1	7.4	7.7	8.7
60th Percentile	6.9	6.8	6.7	6.4	6.8	7.2	7.4	8.7
50th Percentile (Median)	6.7	6.3	6.4	6.3	6.6	6.9	7.2	8.2
40th Percentile	6.5	6.2	6.2	6.1	6.4	6.7	6.9	7.9
30th Percentile	6.2	6.0	6.0	6.0	6.0	6.5	6.7	7.6
20th Percentile	5.9	5.6	5.7	5.7	5.8	6.2	6.6	7.3
10th Percentile	5.6	4.9	5.2	5.5	5.6	5.8	6.1	6.7
Quartiles								
75th Percentile	7.4	7.0	7.1	6.8	7.3	7.4	7.9	9.2
50th Percentile (Median)	6.7	6.3	6.4	6.3	6.6	6.9	7.2	8.2
25th Percentile	6.1	5.8	5.9	5.8	5.9	6.3	6.6	7.5
Percentiles								
95th Percentile	8.8	8.7	8.2	7.9	8.6	9.0	9.1	10.5
5th Percentile	5.3	4.5	5.2	5.1	5.4	5.6	5.8	6.6

ENDOWMENTS WITH RESPONSIBLE INVESTING PRACTICES

Numbers in percent (%)	TOTAL INSTITUTIONS	UNDER \$50M	\$51M - \$100M	\$101M - \$250M	\$251M - \$500M	\$501M - \$1B	\$1B - \$5B	OVER \$5B
TOTAL INSTITUTIONS	658	82	104	149	108	71	115	29
RESPONDED INSTITUTIONS	225	16	21	41	52	37	48	10
Joined an ESG or sustainability network	27.1	12.5	33.3	24.4	17.3	40.5	29.2	40.0
Appointed a Chief Sustainability Officer	7.6	12.5	4.8	7.3	3.8	8.1	10.4	10.0
Established a proxy voting committee	7.1	0.0	19.0	2.4	0.0	5.4	10.4	40.0
Incorporated ESG/sustainability considerations into your investment policy statement	84.0	81.3	76.2	87.8	90.4	83.8	81.3	70.0

- Roughly one-third of surveyed colleges and universities presently implement Responsible Investing (RI)
- Of those that have adopted various practices, 84% include a commitment to ESG principles within their investment policies compared to 82% last year
- The most frequently used approach remains adherence to environmental/social/governance (ESG) criteria

OBSTACLE TO ADOPTING (RI) PRACTICES



- The largest obstacles to greater adoption are concerns about performance and pooled fund structures that make implementation difficult
- Smaller institutions were much more likely to see no obstacles to implementation as compared to larger institutions