### Chicago Partners

# Q2 2025 Quarterly Conference Call

April 10<sup>th</sup>, 2025



## **Important Disclosure Information**

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See final slide for full disclosure information.

## **Today's Speakers**



**Jim Hagedorn, CFA**Founder & Managing Partner



**Anthony Halpin**Founder & Chief Financial Officer



**Matthew Fischer, CFA**Partner & Chief Technology Officer



Dan Toledo, CFA, CFP®

Partner



Nicole Polanco, CFP®

Senior Wealth Advisor



## Today's Agenda

Quote
Investor Psychology
U.S. Economic Data
Economic Indicators
Client Access
Q&A



### Quote

"Since 2020, we have been proactively refining the structure of our client portfolios to enhance their resilience against market volatility, including the significant fluctuations we're experiencing today. Our team is closely monitoring current developments and remains steadfast in staying informed and adaptive. While recent headlines may feel unsettling, we remain focused on implementing thoughtful, long-term strategies designed to navigate uncertainty and protect your financial goals.

As always, we're here to support you. If you have any questions or concerns, please don't hesitate to reach out—we're committed to providing clarity and guidance every step of the way."

### - Chicago Partners



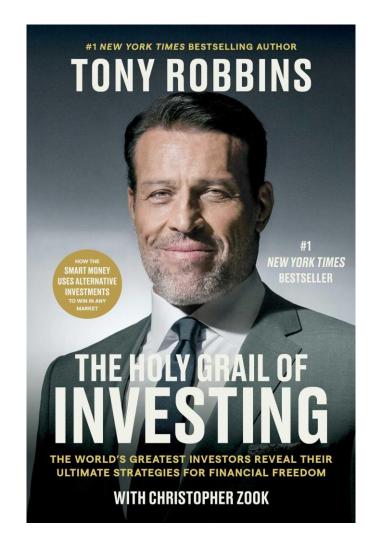


Christopher A. Zook

Chairman & Chief Investment Officer, CAZ Investments



## The Holy Grail of Investing



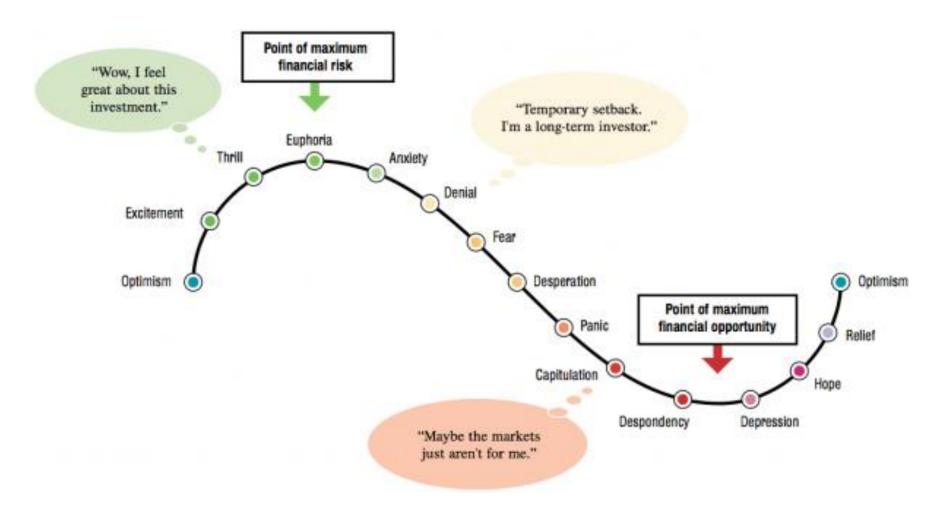




Client Experience Investor Psychology & Important Reminders



## The 14 Stages of Trading Psychology







## The 14 Stages of Trading Psychology

- **1. OPTIMISM** It all starts with a hunch or a positive outlook leading us to buy a stock.
- **2. EXCITEMENT** Things start moving our way and we get giddy inside. We start to anticipate and hope that a possible success story is in the making.
- **3. THRILL** The market continues to be favorable and we just can't help but start to feel a little "smart." At this point we have complete confidence in our trading system.
- **4. EUPHORIA** This marks the point of maximum financial risk but also maximum financial gain. Our investments turn into quick and easy profits, so we begin to ignore the basic concept of risk. We now start trading anything that we can get our hands on to make a buck.
- **5. ANXIETY** Oh no, it's turning around! The markets start to show their first signs of taking your "hard earned" gains back. But having never seen this happen, we still remain ultra greedy and think the long-term trend is higher.
- **6. DENIAL** The markets don't turn as quickly as we had hoped. There must be something wrong we think to ourselves. Our "long-term" view now shortens to a near-term hope of an improvement.
- **7. FEAR** Reality sets in that we are not as smart as we once thought. Instead of being confident in our trading we become confused. At this point we should get out with a small profit and move on but we don't for some stupid reason.

- **8. DESPERATION** All gains have been lost at this point. We had our chance to profit and missed it. Not knowing how to act, we attempt to do anything that will bring our positions back into the black.
- **9. PANIC** The most emotional period by far. We are clueless and helpless. At this stage we feel like we are at the mercy of the market and have absolutely no control.
- **10. CAPITULATION** We have reached our breaking point and sell our positions at any price. So long as we can get out of the market to avoid bigger losses we are content.
- **11. DESPONDENCY** After exiting the markets we do not want to buy stocks ever again. The markets are not for us and should be avoided like the plague. However, this rare point marks the point of maximum financial opportunity.
- **12. DEPRESSION** We drink, cry and/or pray. How could we have been so dumb we think to ourselves. Some start to correctly look back and analyze what went wrong. Real traders are born here, learning from past mistakes.
- **13. HOPE** We can still do this! Eventually we come to the realization that the market actually does have cycles (shocking). We begin to start analyzing new opportunities.
- **14. RELIEF** The markets are turning positive again and we see our prior investment come back around. We regain our faith (although small) in our ability to invest our money. The cycle start all over again!

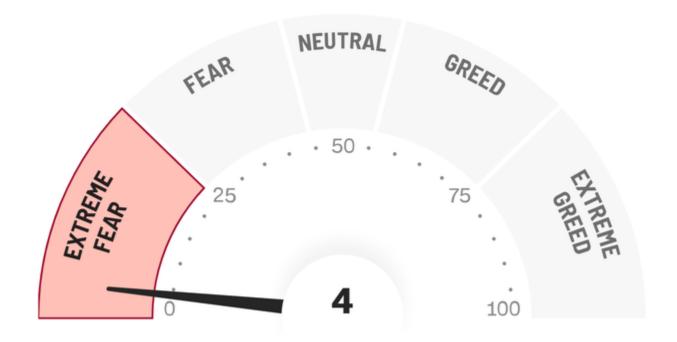




## **Extreme Fear Driving the Market**

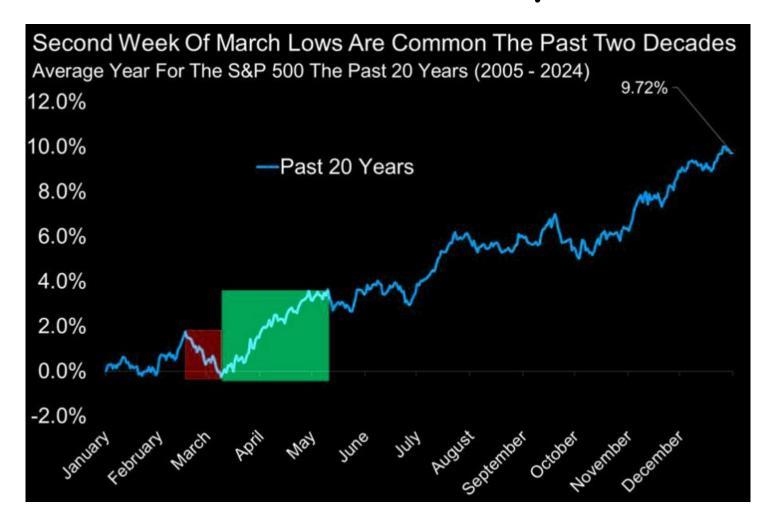
### **Fear & Greed Index**

What emotion is driving the market now?





## **Intra Year Volatility**

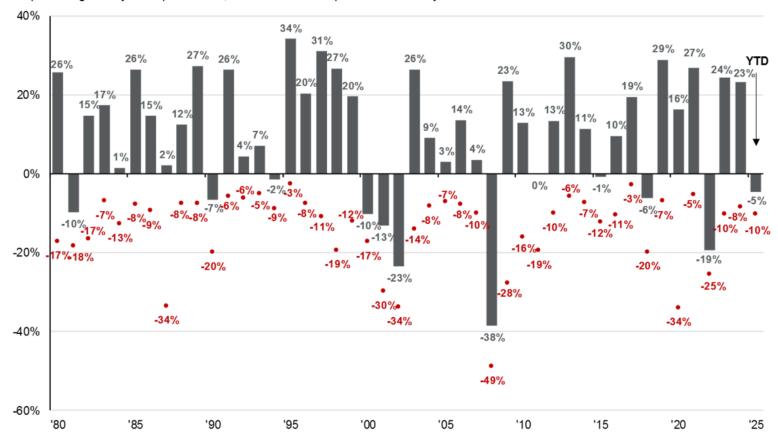




## **Intra Year Volatility**

#### S&P intra-year declines vs. calendar year returns

Despite average intra-year drops of 14.1%, annual returns were positive in 34 of 45 years

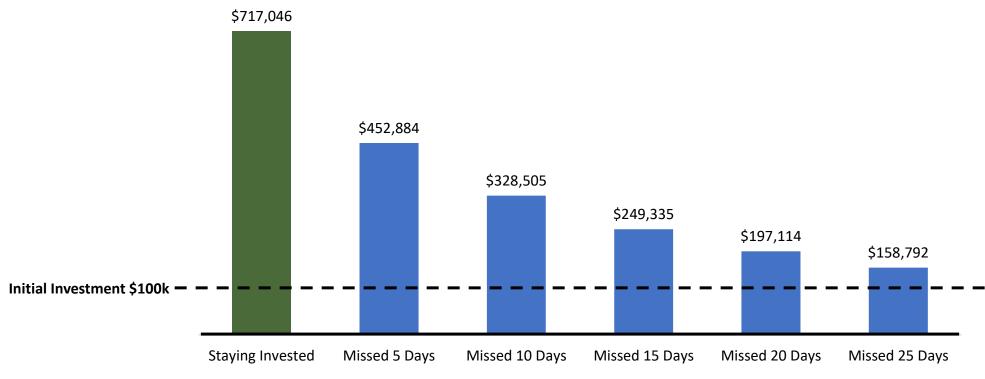




## **Staying Invested for the Long Term**

### Missing top-performing days can hurt your return

Hypothetical Investment of \$100,000 in the S&P 500 Index over the last 20 years (2005-2024)



Source: BlackRock, Bloomberg



## Stay the Course Amid Stock Market Volatility

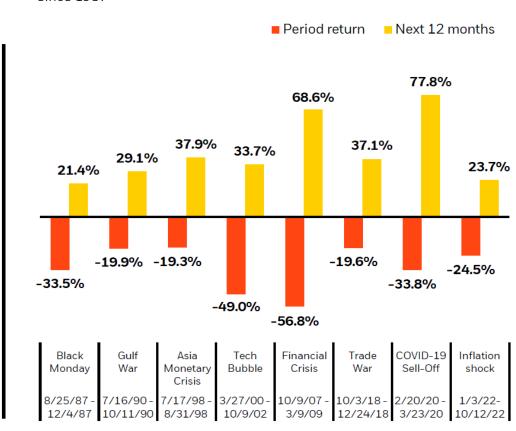
### **Top 15 Worst Market Days Since 1950\***

Top S&P 500 single day declines and subsequent 1 year return

Calendar Days	S&P 500 Decline*	Return 1 year later*
10/19/87	-20.5%	23.1%
3/16/20	-12.0%	69.0%
3/12/20	-9.5%	61.8%
10/15/08	-9.0%	20.8%
12/01/08	-8.9%	35.9%
9/29/08	-8.8%	-4.1%
10/26/87	-8.3%	23.5%
10/09/08	-7.6%	17.8%
3/9/20	-7.6%	43.6%
10/27/97	-6.9%	21.5%
08/31/98	-6.8%	38.0%
01/08/88	-6.8%	15.3%
11/20/08	-6.7%	45.1%
05/28/62	-6.7%	26.7%
08/08/11	-6.7%	25.2%
Average	-8.9%	30.9%

#### **Past Growth Scares and Bear Markets**

Since 1987

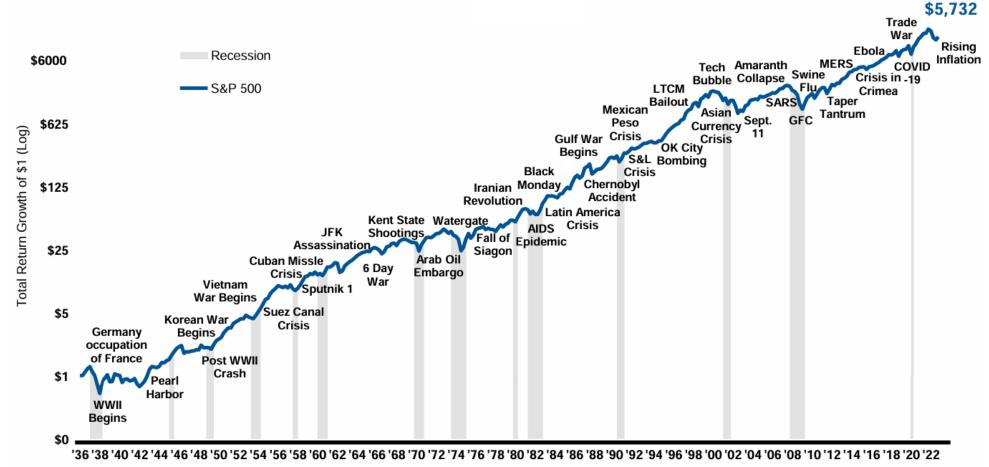


Source: BlackRock, Morningstar



### **S&P 500 Growth of \$1**

Since 1936



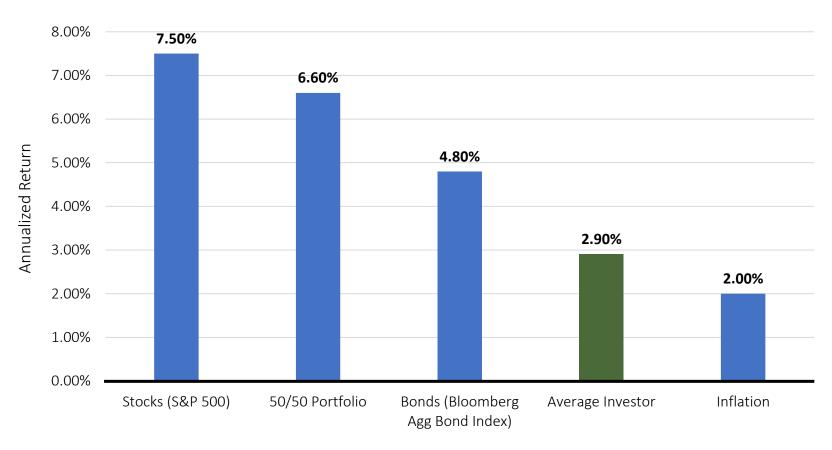
Source: Partners Group





## **Average Investor Performance**

2001-2020



Source: DALBAR Inc., MSCI, NAREIT, Russell, J.P. Morgan Asset Management. Data as of December 31, 2020





## **Long-Term Perspective on Market Downturns**

**S&P 500\* Cumulative Returns¹ (%)** (1926-2024)

**QUICK TAKE:** While volatility is a normal part of investing, the sharpness and longevity of each bear market varies widely and, in many cases, S&P 500 cumulative returns are up significantly following a bear market.



#### **Bear Market Details**

#### Cumulative Returns of the S&P 500<sup>®2</sup>

	Market Events	Bear Market End Date	Bear Declines	Duration (years)	1 Quarter Later	1 Year Later	2 Years Later
1	The Great Depression	June 1932	-83%	2.8	84.97%	162.89%	146.90%
2	Roosevelt's Recession	March 1938	-50%	1.0	38.40%	35.18%	59.01%
3	Germany Invades Poland	April 1942	-30%	2.5	14.07%	61.23%	74.04%
4	Inventory Recession	November 1946	-22%	0.4	6.41%	8.01%	12.72%
5	Rising Interest Rates and Fed Tightening	June 1962	-22%	0.4	3.68%	31.16%	59.37%
6	Instability and Inflation	June 1970	-29%	1.5	16.92%	41.83%	57.07%
7	Nixon's 3 <sup>rd</sup> Phase	September 1974	-43%	1.7	9.37%	38.14%	80.19%
8	Black Monday	November 1987	-30%	0.2	17.36%	23.33%	61.36%
9	Irrational Exuberance	September 2002	-45%	2.0	8.44%	24.40%	41.65%
10	The Great Recession	February 2009	-51%	1.2	25.83%	53.62%	88.30%
11	Global Pandemic	March 2020	-34%1	0.2	20.54%	56.35%	80.81%
12	Energy and Inflation Spikes	October 2022	-24%1	0.8	5.76%	10.14%	52.02%
	Averages	-	-39%	1.2	20.98%	45.52%	67.79%³

Source: FactSet, NBER, MSNBC, S&P Dow Jones Indices, AMG



## **Declines & Recovery Expectations**

Corrections & Bear Markets								
		Decline	Peak to Trough	Durations Trough to Peak Level	Peak to Peak Level			
	Minimum	-10.00%	13 Days	13 Days	28 Days			
Corrections	Average	-13.82%	4.02 M	3.69 M	7.71 M			
-10% to -20%	Maximum	-19.92%	1.45 Y	1.44 Y	2.90 Y			
	Ave	rage Frequei	ncy: Once E	very 2.9 Ye	ars			
	Minimum	-21.63%	1.08 M	2.73 M	5.95 M			
Bear Markets	Average	-34.30%	1.29 Y	1.96 Y	3.25 Y			
-20% & Over	Maximum	-56.78%	3.04 Y	5.79 Y	7.51 Y			
	Ave	rage Frequei	ncy: Once E	very 6.7 Ye	ars			
Correction	Minimum	-10.00%	13 Days	13 Days	28 Days			
Correction	Average	-19.96%	7.45 M	9.63 M	1.42 Y			
Bear Market	Maximum	-56.78%	3.04 Y	5.79 Y	7.51 Y			
	Ave	rage Frequei	ncy: Once E	very 2.0 Ye	ars			

Source: S&P Dow Jones Indices LLC; FTSE Russell; Morgan Stanley Capital International; Copyright © 2025 Crandall, Pierce & Company



### We Do Better When You Do Better

### **Highly Advertised RIA Form ADV**

Equity and Blended Accounts	Annual Management Fee
\$0 to \$1MM	1.25%
\$1MM-\$5MM	1.125%
\$5MM+	1.000%



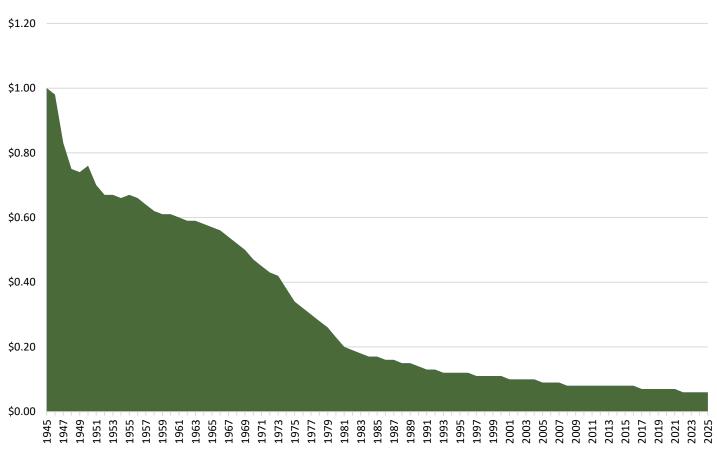


U.S. Economic Data Current State of the U.S. Economy



## Impact of Inflation on Your Wealth

Inflation-Adjusted Value of a U.S. Dollar



*Inflation = Deep Risk* 

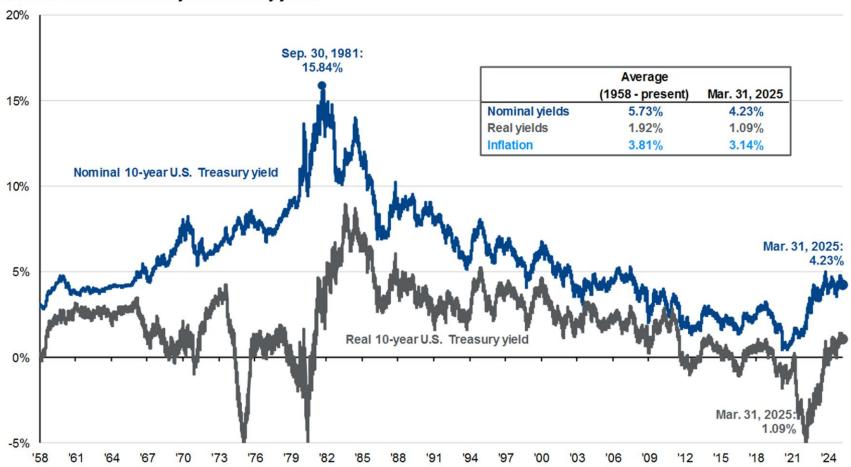
Source: U.S. Bureau of Labor Statistics, 1945 through 2025





## Nominal and Real U.S. 10-Year Treasury Yields

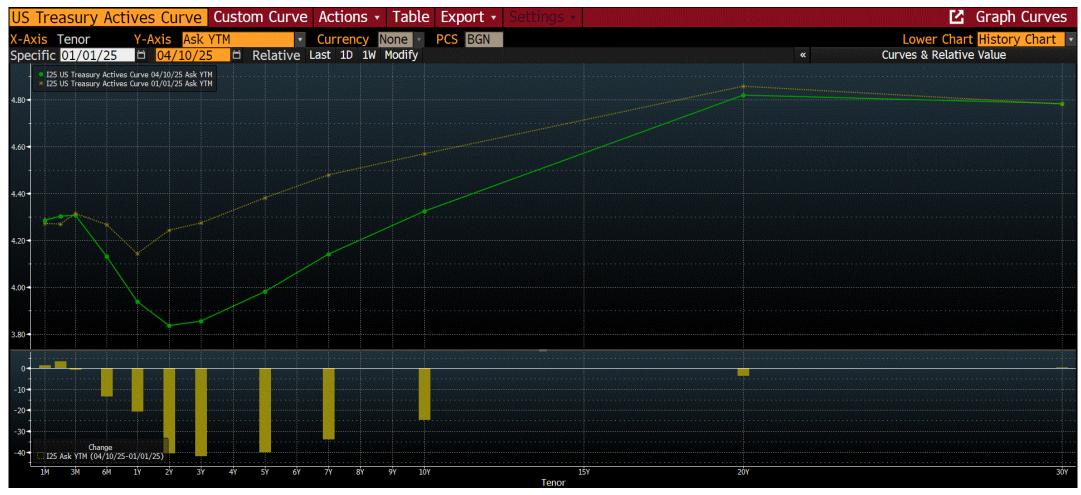
#### Nominal and real U.S. 10-year Treasury yields







## The U.S. Treasury Yield Curve







## The U.S. Treasury Yield Curve

Actives Curve Custom Curve Actions	Chart Export ▼ Settings ▼		☑ Graph Curves
		<b>«</b> (	Curves & Relative Value
Members • Values • Members • Constituents			
			<b>_</b>
			I25 Ask YTM
			(Change)
04/10/25			04/10/25-01/01/25
Tenor Description	Yield Description	Yield	Yield
1MGBM Govt	4.286 Same	4.271	1.5
2M GB2 Govt	4.303 Same	4.270	3.3
3M GB3 Govt	4.306 Same	4.314	-0.8
6M GB6 Govt	4.131 Same	4.266	-13.5
1Y GB1 Govt	3.936 Same		-20.7
2Y GT2 Govt	3.833 Same		-40.9
			-40.9 -42.2
			-40.3
			-33.9
			-40.3 -33.9 -24.3
			-3.5
	4.786 Same	4.781	0.5
	Y-Axis Ask YTM Currency  (25 © 04/10/25 © Relative Last 1D 1W  Iembers Values Members Constituents  I25 Ask YTM US Treasury Actives Curve 04/10/25  Tenor Description 1M GBM Govt 2M GB2 Govt 3M GB3 Govt 6M GB6 Govt	Y-Axis Ask YTM	Y-Axis





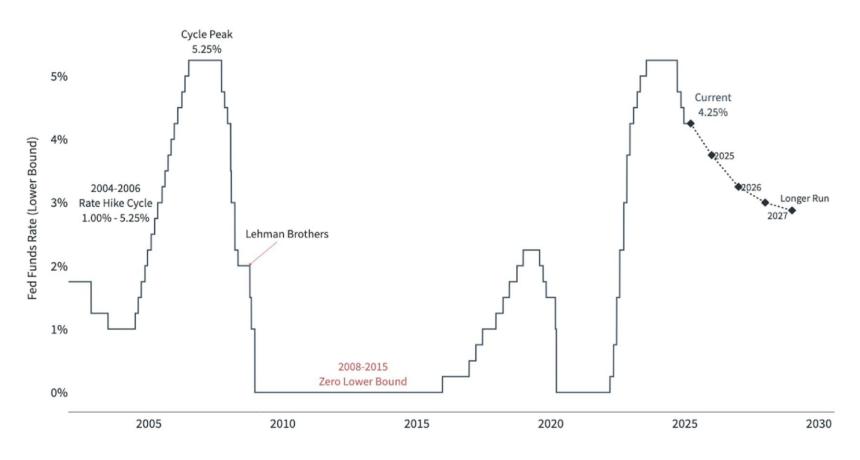
## **World Interest Rate Probability**

		0		
Meeting	#Hikes/Cuts	%Hike/Cut	Imp. Rate ∆	Implied Rate
05/07/2025	-0.239	-23 <b>.9</b> %	-0.060	4.264
06/18/2025	-0.932	-69.3%	-0.233	4.091
07/30/2025	-1.765	-83.3%	-0.441	3.882
09/17/2025	-2.498	-73 <b>.</b> 3%	-0.625	3.699
10/29/2025	-2.965	-46.7%	-0.741	3.583
12/10/2025	-3.519	-55.4%	-0.880	3.444
01/28/2026	-3.715	-19.6%	-0.929	3.395
03/18/2026	-4.016	-30.1%	-1.004	3.320
04/29/2026	-4.155	-13.9%	-1.039	3.285
06/17/2026	-4.262	-10.7%	-1.066	3.258
07/29/2026	-4.455	-19.3%	-1.114	3.210





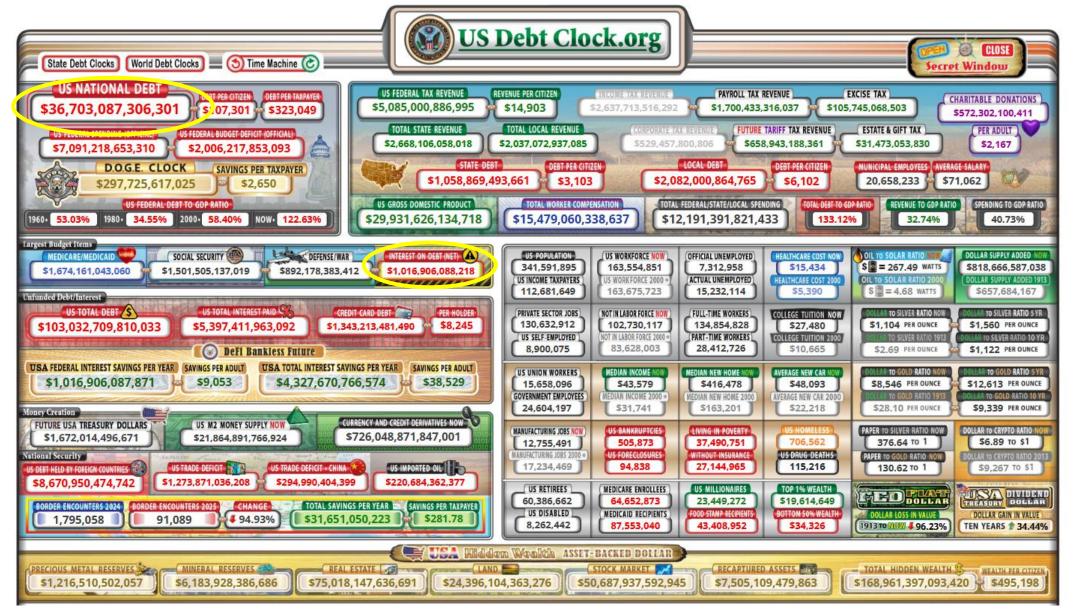
## Federal Funds Rate - Target Range Lower Limit



Latest Data point is Mar 2025.

Source: Clearnomics, Federal Reserve

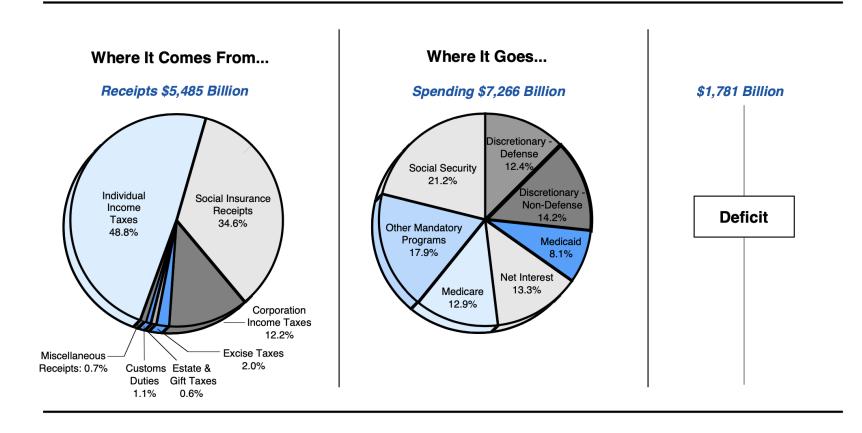








## The President's Federal Budget Proposal - Fiscal Year 2025



Due to rounding, numbers may not add up to 100%, data released March 11 of 2024.

Source: Office of Management and Budget, Crandall, Pierce & Company



## The Market Return Equation

Market Return 
$$(RM) = E + Y + \Delta P/E$$





## Large Cap Market Return (RM) = $E + Y + \Delta P/E$

Market Return (RM) =  $9.36 + 1.50 + \Delta P/E$ 

	murket Ke	e(u)(1) - 9.	30   1.30   L	11/L			
S&P 500 INDEX							
Periodicity A 🔻 Flavor F12 🔻	View Growth	Currence	y USD 🔻				
Measure	Actual	F12 Est	Growth	Y+1 Est	Growth	Y+2 Est	Growth
1) Earnings Per Share	245.58	268.57	9.36%	302.29	12.56%	332.13	<b>9.87</b> %
2) EPS before XO, Positive	226.31	249.19	10.11%	282.95	13.55%	312.74	10.53%
3) Cash Flow Per Share	293.89	369.94	<b>25.88</b> %	420.18	13.58%	623.99	48 <b>.</b> 51%
4) Dividends Per Share	76.22	81.75	7.26%	86.57	5.90%	94.55	9.22%
5) Book Value Per Share	1163.59	1305.26	12.17%	1441.61	10.45%	1671.87	<b>15.97</b> %
6) Sales Per Share	1882.15	1973.59	4.86%	2094.02	6.10%	2214.33	5.75%
7) EBITDA Per Share	410.05	437.89	6.79%	487.37	11.30%	531.19	8.99%
8) Long Term Growth	0.00	9.46	0.00%	0.00	0.00%	0.00	0.00%
9) Net Debt Per Share	571.96	528.15	-7.66%	480.61	-9.00%	419.69	-12 <b>.</b> 67%
10) Enterprise Value Per Share	6028.46	5985.05	-0.72%	5937.51	-0.79%	5876.59	-1.03%
	1						
Valuation Measure		Actual	F12		Y+1 Est		Y+2 Est
11) Price/EPS		22.22		.32	18.05		16.43
12) Price/EPS before XO, Positive		24.11		90	19.29		17.45
13) Price/Cash Flow		18.57		. 75	12.99		8.75
14) Dividend Yield		1.40	1	50	1.59		1.73





## Mid Cap Market Return (RM) = $E + Y + \Delta P/E$

Market Return (RM) =  $6.74 + 1.97 + \Delta P/E$ 

S&P Midcap 400 Index							
Periodicity A Flavor F12	View Growth	<ul><li>Currence</li></ul>	y USD 🕝				
Measure	Actual	F12 Est	Growth	Y+1 Est	Growth	Y+2 Est	Growth
1) Earnings Per Share	179.38	191.47	6.74%	222.50	16.20%	242.05	8.79%
2) EPS before XO, Positive	160.52	173.46	8.06%	206.00	18.76%	222.05	7.79%
3) Cash Flow Per Share	278.85	292.84	5.02%	603.94	106.24%	373.75	-38 <b>.</b> 12%
4) Dividends Per Share	47.99	55.13	14.88%	58.37	5.87%	67.28	<b>15.27</b> %
5) Book Value Per Share	1218.66	1358.55	11.48%	1494.00	9.97%	1705.54	14.16%
6) Sales Per Share	2192.88	2332.36	6.36%	2459.43	5.45%	2584.17	5.07%
7) EBITDA Per Share	347.96	376.82	8.29%	414.63	10.03%	434.32	4.75%
8) Long Term Growth	0.00	14.39	0.00%	0.00	0.00%	0.00	0.00%
9) Net Debt Per Share	778.92	924.47	18.69%	754.40	-18.40%	591.19	-21.64%
10) Enterprise Value Per Share	3575.45	3723.25	4.13%	3553.18	-4.57%	3389.97	-4.59%
Valuation Measure	1	Actual	F12-	<u>Fet</u>	Y+1 Est		Y+2 Est
11) Price/EPS		15.60		62	12.58		11.56
12) Price/EPS before XO, Positive		17.44		.13	13.59		12.60
13) Price/Cash Flow		10.04		-56	4.63		7.49
14) Dividend Yield		1.71		97	2.09		2.40





## Small Cap Market Return (RM) = $E + Y + \Delta P/E$

Market Return (RM) =  $6.44 + 2.78 + \Delta P/E$ 

S&P Small Cap 600 Index							
	View Growth	▼ Currenc	y USD 🔻				
Measure	Actual	F12 Est	Growth	Y+1 Est	Growth	Y+2 Est	Growth
1) Earnings Per Share	82.62	87.94	6.44%	104.84	19.21%	120.61	<b>15.04</b> %
2) EPS before XO, Positive	75.98	79.90	5.16%	96.66	20.98%	105.82	<b>9.47</b> %
3) Cash Flow Per Share	125.69	156.24	24.31%	184.02	17.78%	0.00	0.00%
4) Dividends Per Share	24.11	33.44	38.68%	35.46	6.06%	0.00	0.00%
5) Book Value Per Share	731.71	1450.26	98.20%	1076.33	-25.78%	1319.32	22.58%
6) Sales Per Share	1240.42	1246.13	0.46%	1309.24	5.06%	1457.62	11.33%
7) EBITDA Per Share	173.55	207.11	19.34%	230.89	11.48%	258.01	11.75%
8) Long Term Growth	0.00	0.00	0.00%	0.00	0.00%	0.00	0.00%
9) Net Debt Per Share	665.03	689.65	3.70%	579.06	-16.04%	447.25	-22.76%
10) Enterprise Value Per Share	1848.31	1893.58	2.45%	1782.99	-5.84%	1651.18	-7 <b>.</b> 39%
Valuation Measure		Actual	F12-1	Est	Y+1 Est		Y+2 Est
11) Price/EPS		14.57	13.	.69	11.48		9.98
12) Price/EPS before XO, Positive		15.85	15.		12.45		11.38
13) Price/Cash Flow		9.58	7	71	6.54		0.00
14) Dividend Yield		2.00	2.	.78	2.95		0.00

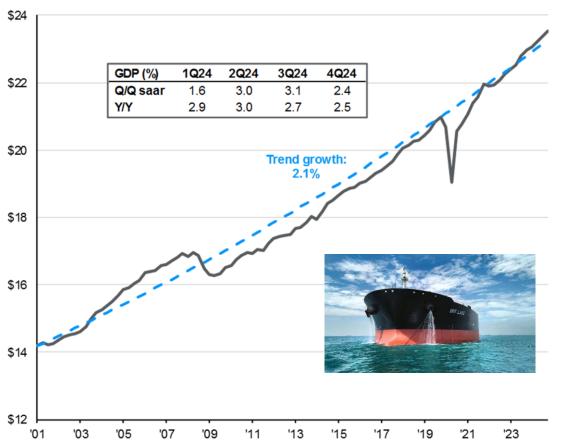




## **Supertanker Economy**

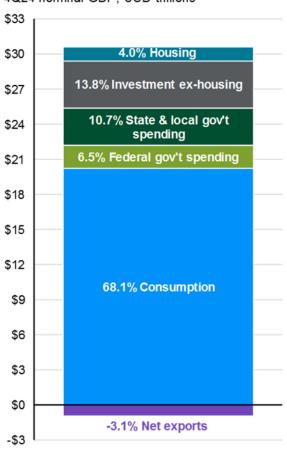
### Real GDP

Trillions of chained (2017) dollars, seasonally adjusted at annual rates



### Components of GDP

4Q24 nominal GDP, USD trillions

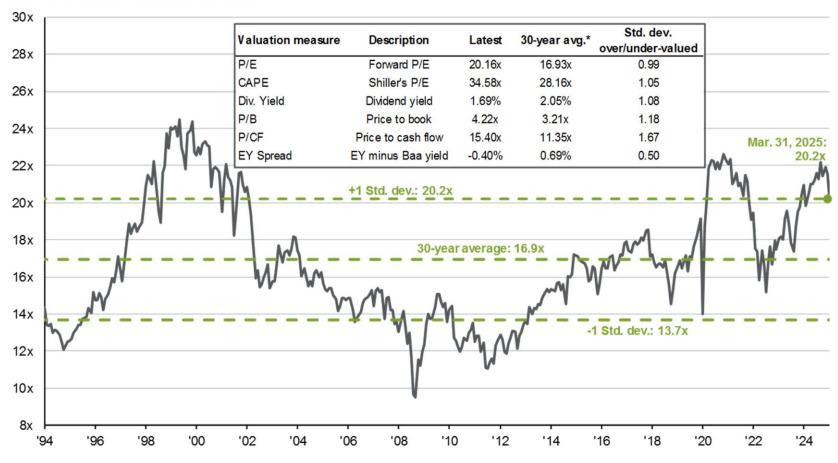






### **S&P 500 Valuation Measures**

#### S&P 500 Index: Forward P/E ratio



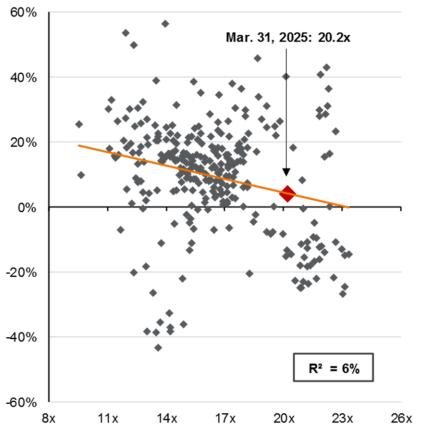




## P/E Ratios and Equity Returns

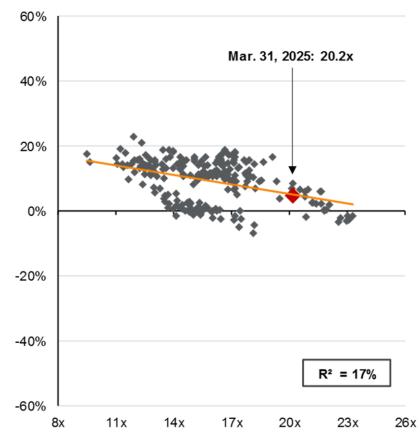
### Forward P/E and subsequent 1-yr. returns

S&P 500 Total Return Index



### Forward P/E and subsequent 5-yr. annualized returns

S&P 500 Total Return Index







#### **Economic Indicators**

**Optimal Recessionary Conditions and Leading Economic Indicators** 



### **Checklist: Optimal Recessionary Conditions**

- Accelerating Inflation Not now, but tariff impact could accelerate inflation
- Inverted Yield Curve No, the curve is kinked
- Employment Declining No, U.S. unemployment is 4.2%
- 29 Months After First Rate Hike No, Fed cut rates 0.25% in December
- **P/E Above 17** Yes, it is 20
- **10-Year Treasury Above 6.6%** No, it is 4.33%
- Bonds More Attractive Than Stocks No
- Dividend Yield Decreasing No

Nicole Polanco, CFP®

#### Legend

- Cautionary Reading
- Moderate Reading
- Positive Reading





### **Leading Economic Indicators**



#### **Economic Survey Results**

Optimism about the economy among CFOs fell in the first quarter of 2025 amid concerns about tariffs and uncertainty, according to the latest CFO Survey. The economic optimism index fell from 66.0 in the fourth quarter to 62.1 in the first quarter of 2025, almost erasing gains from a post-election jump in the fourth quarter. Optimism about their own firm's financial prospects also fell, although not nearly as much.

Almost a third of responding firms reported being concerned about trade policy or tariffs in the first quarter—a sharp increase from the fourth quarter.

- March 26th report



#### **Conference Board Leading Economic Index**

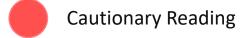
101.1 on 2/28/25 – Up from 99.70 last quarter



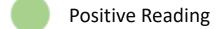
**CEO Confidence Index:** CEO Confidence in the Economy 1 Year From Now

4.99 on 3/31/25 - Down from 7.01 at end of year.

#### Legend





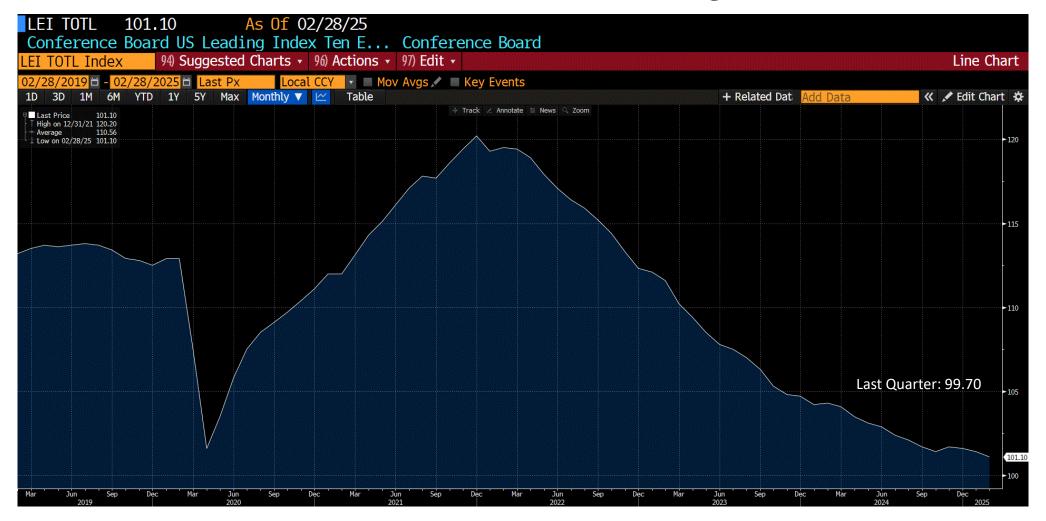








### **U.S.** Conference Board Leading Index











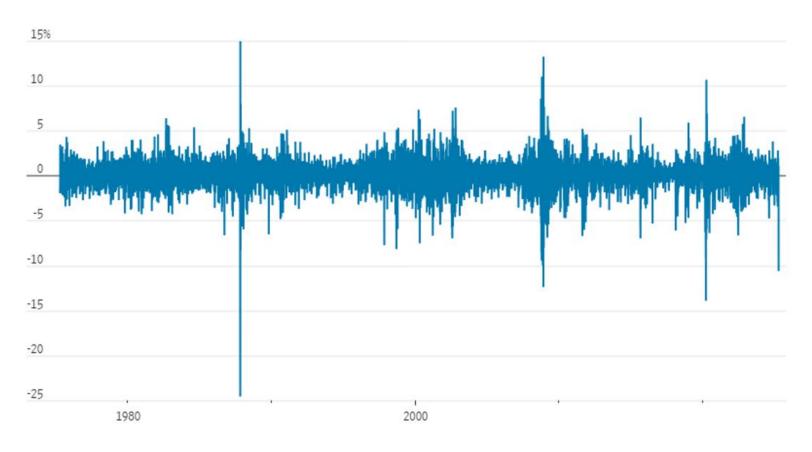
### **CEO Confidence Index** (Economy 1 Year from Now)







### 2-Day Changes in S&P 500, Past Half Century



Previous 2-day declines > 10% occurred: March 2020, during the Covid-19 panic; November 2008, during the global financial crisis; and October 1987, with the Black Monday crash. All three were followed by > 10% advances over the next 12 months.

Source: LSEG



### The Best Days for Equities Have Followed the Worst

March 2020 volatility showcased how quickly markets can rebound even after significant drawdowns.

#### 3 of the Worst Days Since 1950

Worst days since 1950	Calendar Days	S&P 500 Decline	Return 1 Year Later	
#2	3/16/2020	-12.0%	69.0%	
#3	3/12/2020	-9.5%	61.8%	
#9	3/9/2020	-7.6%	43.6%	

#### 5 of the Best Days Since 1950

Best Days Since 1950	Calendar Days	S&P 500 Gain	Return 1 Year Later		
#3	3/24/20	9.4%	61.7%		
#4	3/13/20	9.3%	48.0%		
#7	4/6/20	7.0%	55.6%		
#12	3/26/20	6.2%	53.7%		
#13	3/17/20	6.0%	59.9%		

Over the last 20 years, 24 of 25 of the best days in the market occurred within 1 month of one of the 25 worst days.

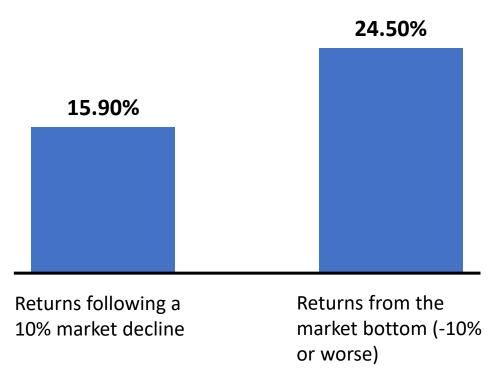
Source: BlackRock, Morningstar



#### **Stock Market Corrections**

#### **Median Return Following a -10% Decline**

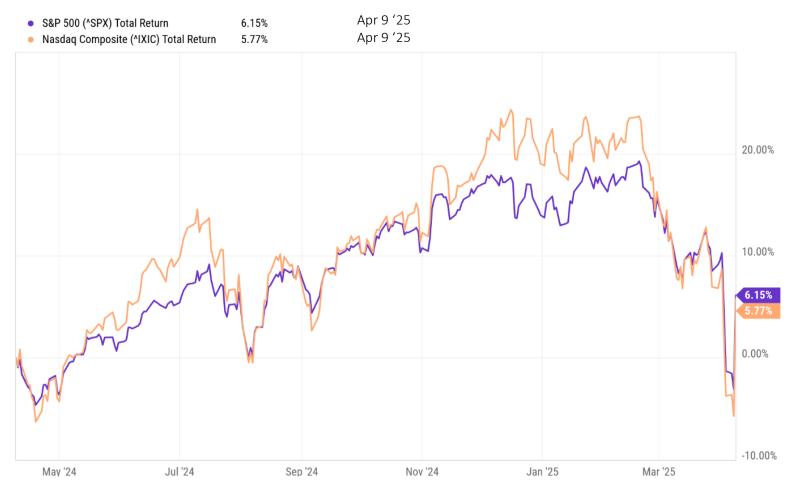
Last 20 years, performance next 12 months

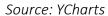


Source: BlackRock, Bloomberg



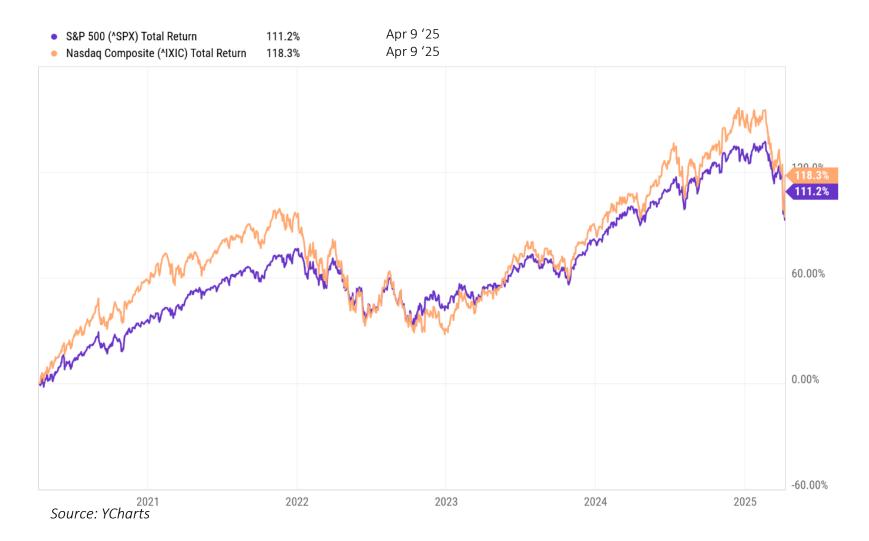
### **S&P** and **Nasdaq 1Y** Returns







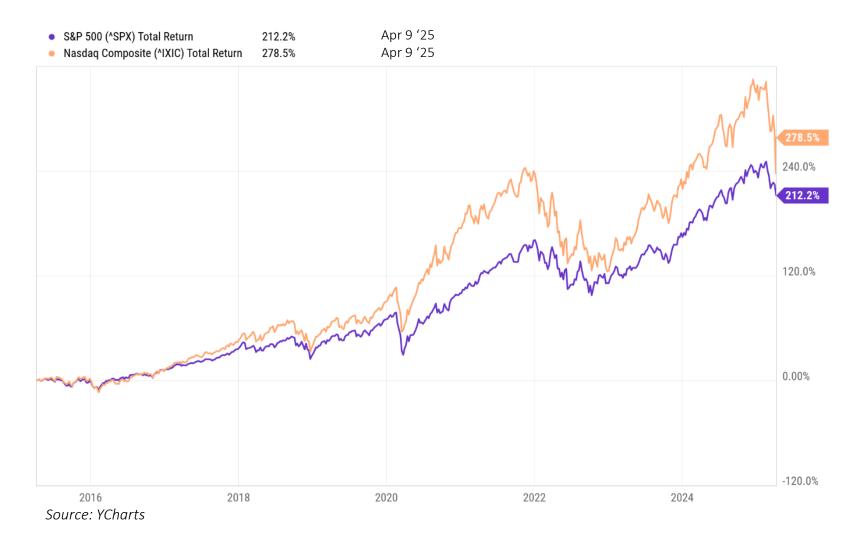
### S&P and Nasdaq 5Y Returns





**Jim Hagedorn, CFA**Founder & Managing Partner

### **S&P** and Nasdaq 10Y Returns





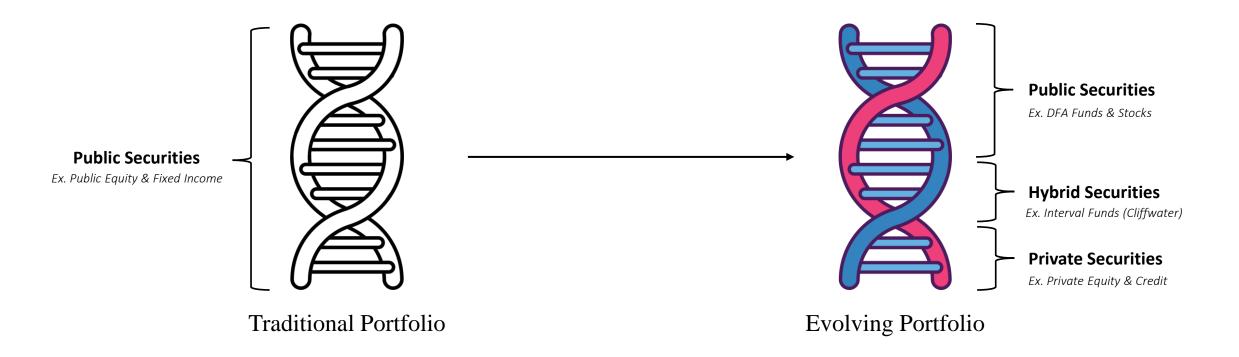
**Jim Hagedorn, CFA**Founder & Managing Partner

## **Evolving Portfolio DNA**

Updates on the Chicago Partners Investment Strategy



## **Evolving Portfolio DNA**









Major Leagues CP's Strong Performers

#### **Private Market Returns**

Durable Returns from Private Market Assets 2005 -2023 2005 - 2023 return std return (ann.) dev (ann.) 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 14.8% 9.6% Private Equity 10.3% 8.4% 26.3% 25.0% 32.0% 33.8% 19.3% 5.2% 58.1% 23.0% 10.7% 16.8% 32.4% 13.8% 17.5% 27.2% 12.3% 31.5% 29.1% 41.8% return US Large-Cap Equities 9.6% 16.2% 26.4% -6.5% 41.4% 15.8% 9.7% 16.0% 23.5% 13.7% 10.3% 8.5% 21.5% 18.4% 28.7% 6.3% 32.2% 18.3% 12.3% 21.8% 15.6% 24.2% 9.5% 3.5% US Private Debt 26.5% 15.1% 15.3% 25.4% 2.9% 17.1% -13.0% 9.2% 15.5% 13.4% 6.9% 12.0% 20.5% 8.1% 19.3% 15.4% 15.3% 22.7% 9.2% 8.1% Global Private Infrastructure 13.5% 15.1% 7.8% 9.6% 5.5% 7.3% 18.5% 14.3% -4.1% 26.7% 16.7% -19.0% 23.3% 14.6% 14.8% 11.2% 19.1% 15.7% 21.5% Hypothetical Diversified Portfolio 7.8% 8.9% 20.0% 15.1% 9.1% 12.9% 17.9% 17.2% 11.7% -23.1% 4.4% 14.0% 13.8% 7.1% 2.0% 15.5% 0.0% **17.5%** 11.8% 14.4% -4.2% 7.5% Global Private Real Estate 10.2% -24.6% 18.0% 12.7% -0.7% 14.4% 11.4% 12.8% -11.2% 12.1% 10.0% 9.3% 13.3% 4.3% 11.9% 6.0% 1.4% 7.3% 15.4% 12.6% 15.8% 11.5% 12.4% 6.2% US High Yield Bonds -25.3% 14.5% 11.2% 2.6% 5.8% 0.6% 6.9% 14.6% -2.3% 10.4% 10.7% 10.2% 9.3% 9.1% 10.6% 14.2% -11.2% 13.2% 7.8% 13.7% 9.9% -26.1% 10.8% 2.1% 10.1% 9.7% -1.0% 8.6% -4.4% 9.3% 7.5% 10.2% -13.0% 8.5% 5.9% return 10.7% Hypothetical Traditional Portfolio 4.9% 12.9% 7.0% -32.7% 5.9% 10.2% 9.9% 9.1% 3.0% -1.1% 8.6% 9.1% 6.1% 7.8% 8.1% 1.3% -0.9% 5.4% -4.7% -16.0% 4.9% 7.7% Hedge Funds -5.3% 7.4% 2.8% 10.8% 5.5% -37.0% 10.2% 6.4% 2.5% -4.6% 4.5% 7.5% -5.5% 9.0% 5.5% 5.3% **-16.1%** 5.5% 4.9% International Equities 18.8% -45.5% -22.9% 6.5% -13.7% 4.2% -2.0% 8.7% 1.8% -18.1% -4.0% US Bonds 3.1% 4.4% 60% global US high yield US large-cap International US bonds Hedge funds equities / 40% **Hypothetical Traditional Portfolio** equities equities bonds US bonds Key 40% global equities / Global private US private Global private **Hypothetical Diversified Portfolio** US private debt 30% US bonds / 30% privates infrastructure equity real estate

Source: Bloomberg, Cambridge Associates, UBS, Crandall Pierce





### **CAZ Strategic Opportunities Fund**

#### Investment Objective:

The CAZ Strategic Opportunities Fund ("SOF") targets exposure across a wide variety of public & private market assets and will seek to implement a less correlated investment strategy.

#### **Fund Features:**

- · Access to opportunities across private equity, private credit, real assets, venture capital, and more
- Diversification across major themes in which we invest our personal capital, including general partner ("GP") stakes, disruptive technology, healthcare, professional sports, etc.
- · Exposure to secondary opportunities, direct investments, and co-investments alongside major sponsors
- The ability to potentially benefit from our scale and buying power, providing attractive economics through vastly improved terms
- A portfolio targeting less correlated assets that may enhance the risk/reward ratio for investors

#### Core Areas of Focus:

General Partner Stakes

Professional Sports

Private Energy Private Real Estate Private Credit

Venture Capital

Private Market Secondaries

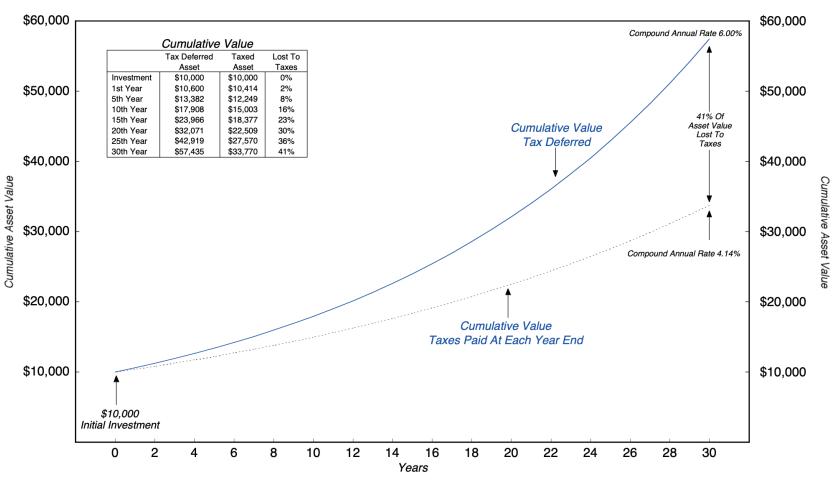
#### Fund Performance as of 12/31/2024

2024 Performance	Inception Date	Q1	Q2	Q3	Q4	Since Inception		
Class I	3/1/2024	0.15%	8.33%	-0.28%	1.94%	10.30%		
All Seasons Blended Index		2.28%	0.66%	6.71%	-4.17%	5.39%		

Source: CAZ Investments



### Why Tax Deferred Assets?



Assumed 6% yield and a 31% tax bracket.

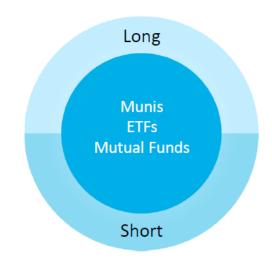
Source: Crandall, Pierce & Company



### **Quantinno – DEALS Overlay**

**DEALS Overlay**Use idle assets more efficiently to enhance after-tax wealth

- Quantinno can accept a variety of securities to fund DEALS strategies in lieu of a cash investment.
- Using the existing asset(s) as collateral and keeping them in place, Quantinno will build a diversified long/short extension.
- This extension aims to consistently generate tax benefits and may also provide uncorrelated investment returns in addition to the benchmark.
- If clients have idle assets that they would like to continue to hold, Quantinno is introducing the ability to use these assets more efficiently to enhance after-tax wealth.



Source: Quantinno



### **Quantinno – DEALS Overlay**

#### Adding a Long/Short Extension

Structural advantage that may allow for tax benefits regardless of market direction

#### Traditional Tax Loss Harvesting Long-Only



Passive long-only approaches may start out with strong tax benefits, but after a few years, the strategy may rely on market dips to generate further benefits. Tracking error may also rise over time as losses are harvested.

Source: Quantinno

#### Quantinno DEALS 130/30

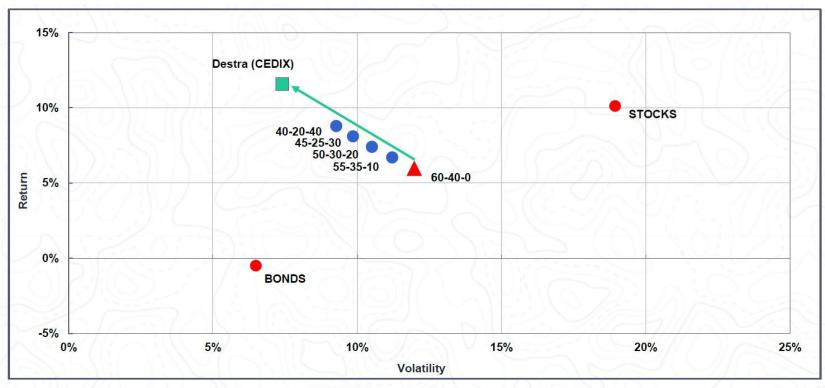
Adding a modest long/short extension



A long/short extension may help increase the magnitude of tax benefit generation and may help generate benefits in both rising & falling market environments. Extensions may also be helpful in managing tracking error.



#### CEDIX as an All-Terrain Investment



Source Morningstar. Data from 5/09/2018 to 12/31/2024. Methodology: Different allocations of MSCI ACWI GR, Bloomberg Global Aggregate Bond TR, and BlueBay Destra International Event-Driven Credit Fund (CEDIX). All portfolios are rebalanced annually at year end. All information is historical and for illustrative purposes only. Past Performance does not guarantee future results. The allocations are as follows:

#### Individual Holdings

Bonds = Barclays Global Aggregate Bond TR Stocks = MSCI ACWI GR

Destra (CEDIX) = BlueBay Destra International Event-Driven Credit Fund I Share

#### Allocations without Destra (CEDIX)

STOCKS = 100% Stocks, 0% Bonds 60-40 = 60% Stocks, 40% Bonds BONDS = 0% Stocks, 100% Bonds

#### Allocations with Destra (CEDIX)

55-35-10 = 55% Stocks, 35% Bonds, 10% Destra (CEDIX)

50-30-20 = 50% Stocks, 30% Bonds, 20% Destra (CEDIX)

45-25-30 = 45% Stocks, 25% Bonds, 30% Destra (CEDIX)

40-20-40 = 40% Stocks, 20% Bonds, 40% Destra (CEDIX)

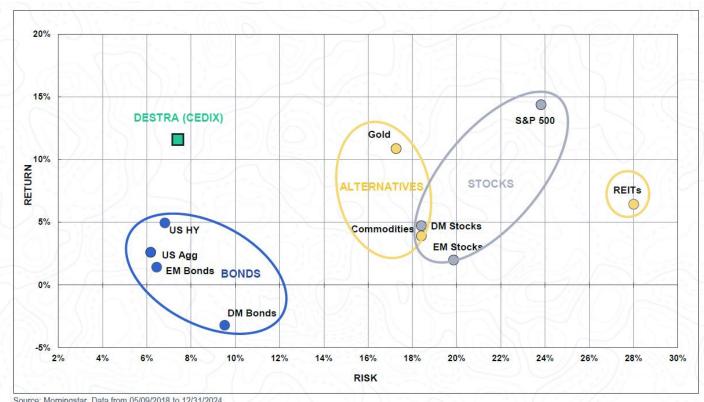
Destra (CEDIX) = 0% Stocks, 0% Bonds, 100% Destra (CEDIX)

Source: Destra Capital, Morningstar





#### CEDIX as an All-Terrain Investment



Source: Morningstar. Data from 05/09/2018 to 12/31/2024.

Index Definitions: Destra (CEDIX) = BlueBay Destra International Event-Driven Credit Fund I Share; US Agg = Barclays US Aggregate Bond TR; US High Yield = BBgBarc US Corporate High Yield TR; DM Bonds = FTSE WGBI non-USD TR; EM Bonds = Bloomberg EM USD Aggregate TR; S&P 500 = S&P 500 TR; DM Stocks = MSCI EAFE TR; EM Stocks = MSCI EM TR; REITs = FTSE NAREIT All Equity TR; Commodities = Bloomberg Commodity TR; Gold = London PM Spot Gold.

All information is historical and for illustrative purposes only. Past performance does not guarantee future results. Investors cannot invest directly in an index and index returns do not reflect any fees, expenses or sales charges directly in an index.



Source: Destra Capital, Morningstar





# Client Access Client Portals & Login Information

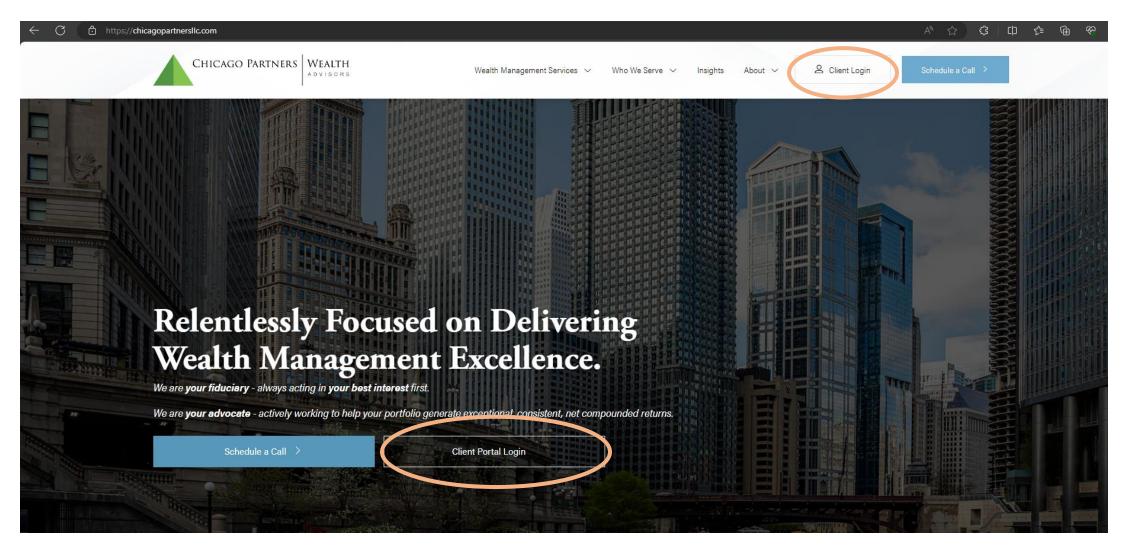
#### **Notes From Our Compliance Team**

Please let us know if you have any changes to your investor status, sit on the board of any companies, or have any other restrictions. To comply with regulations, we must have this data on file.





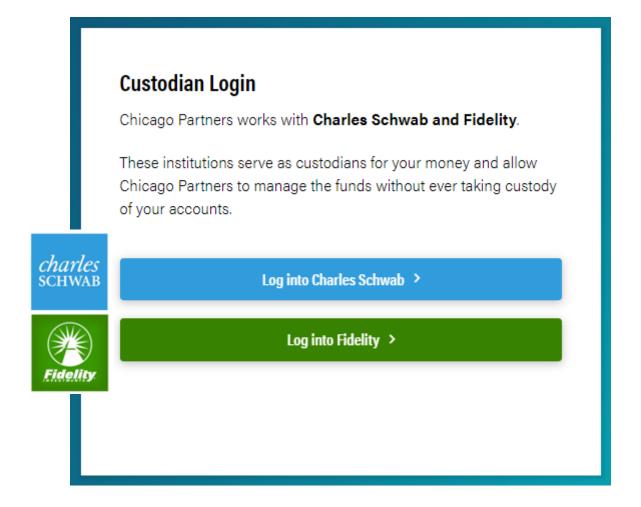
#### **Client Access**







### **Custodian Login**



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Founder & CFO



### The Chicago Partners Client Portal & Mobile App

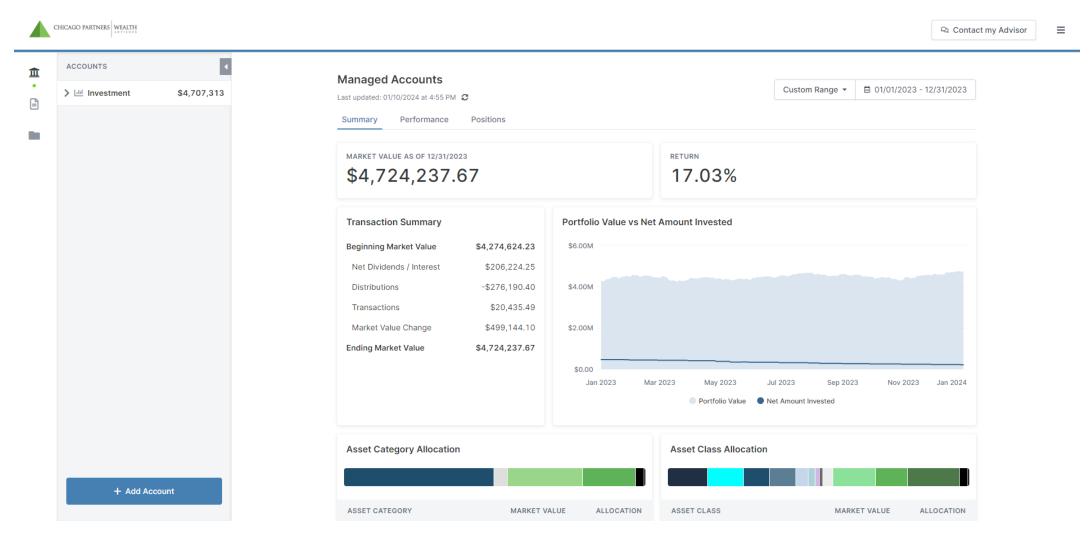




- Connect to your portal from anywhere - your desktop, laptop, or your mobile phone.
- Enhanced Performance Reporting
- Access your reports and account statements digitally in one location



### The Chicago Partners Client Portal & Mobile App





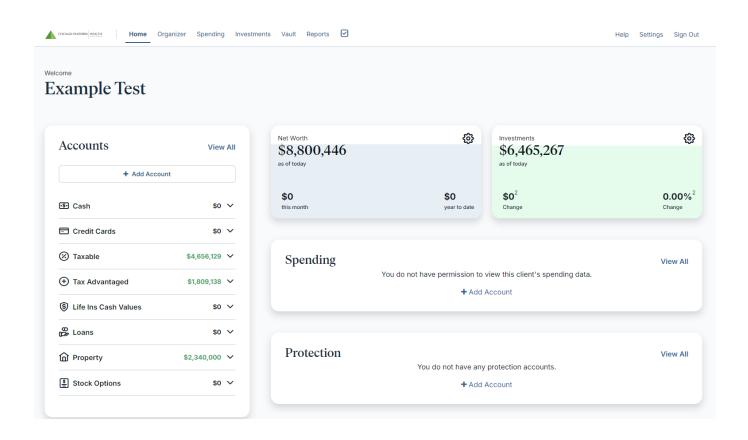
**Anthony Halpin** 

Founder & CFO



### Wealth Management System (WMS)

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- Your WMS account provides a global overview of your balance sheet.
- Planning for Success
- Common Scenario Analysis
  - Large Purchases
  - "What if?"
  - Annual Expense Review





### **Upcoming Young Investors Webinar**

Is there a young professional or young investor you know that could use some help getting their finances together and developing financial literacy skills?

Our Wealth Advisors have started a webinar series aimed to prepare young investors for a lifetime of financial success. The details are below:

When: Tuesday, April 29th at 12:00pm CT

Where: Zoom

**Who:** Young Investors (Ages 18 - 29)

Tell the young professionals you know to keep their eye out for the next edition of our Young Investors Webinar! Please feel free to reach out to your advisor if you would like to subscribe to the Young Investors Webinar Series or have any specific questions.

If you have previously subscribed to the series, you will automatically receive an invitation and replay of this next installment.





Q&A

Thank you for attending!

What is the firm's view on impact to the market if tariffs remain at the current level, longer than is expected?



#### Relative Performance - Drawdowns

#### Total Return – 1990 through February 2025

Large-Index Peak				Maxim	um Drawd	lowns: Co	rrections a	and Bear N	/larkets				Large-Index Trough
5/31/1990	Large-Index -14.69% 5 Months	Large-Growth -15.24% 3 Months	Large-Value -17.07% 5 Months	Mid-Growth -21.73% 4 Months	Mid-Index -22.86% 5 Months	Mid-Value -25.98% 10 Months	EAFE-Value -27.26% 9 Months	Small-Value -28.42% 10 Months	Small-Index -29.14% 4 Months	Small-Growth -30.24% 4 Months	EAFE-Index -30.58% 9 Months	EAFE-Growth -33.70% 9 Months	10/31/1990
6/30/1998	EAFE-Growth -13.22% 2 Months	EAFE-Index -15.03% 2 Months	Large-Index -15.37% 2 Months	Large-Growth -15.57% 2 Months	Large-Value -16.57% 4 Months	EAFE-Value -16.91% 2 Months	Mid-Value -20.52% 5 Months	Mid-Index -21.40% 4 Months	Mid-Growth -23.64% 4 Months	Small-Value -25.44% 4 Months	Small-Index -29.78% 4 Months	Small-Growth -33.96% 4 Months	8/31/1998
8/31/2000	Mid-Value -21.79% 6 Months	Small-Value -26.67% 10 Months	Large-Value -27.68% 16 Months	Mid-Index -30.34% 25 Months	Small-Index -30.64% 25 Months	EAFE-Value -38.30% 33 Months	Large-Index -44.73% 25 Months	EAFE-Index -47.44% 36 Months	EAFE-Growth -56.32% 36 Months	Small-Growth -58.21% 30 Months	Mid-Growth -61.31% 30 Months	Large-Growth -61.86% 25 Months	9/30/2002
10/31/2007	Large-Growth -47.98% 16 Months	Large-Index -50.95% 16 Months	Small-Growth -52.31% 16 Months	Small-Index -52.90% 21 Months	Mid-Growth -52.91% 16 Months	Mid-Index -54.15% 21 Months	EAFE-Growth -54.24% 16 Months	Small-Value -55.46% 21 Months	Large-Value -55.56% 21 Months	EAFE-Index -56.40% 16 Months	Mid-Value -57.44% 21 Months	EAFE-Value -58.59% 16 Months	2/28/2009
9/30/2018	Large-Value -11.72% 3 Months	Large-Index -13.52% 3 Months	EAFE-Growth -13.73% 5 Months	EAFE-Index -14.17% 8 Months	EAFE-Value -15.32% 8 Months	Mid-Value -15.62% 4 Months	Large-Growth -15.89% 3 Months	Mid-Index -15.91% 4 Months	Mid-Growth -16.35% 4 Months	Small-Value -20.69% 4 Months	Small-Index -22.12% 4 Months	Small-Growth -23.49% 4 Months	12/31/2018
12/31/2019	Large-Growth -15.98% 2 Months	EAFE-Growth -17.41% 3 Months	Large-Index -19.60% 3 Months	Mid-Growth -20.78% 2 Months	EAFE-Index -22.72% 3 Months	Small-Growth -25.77% 3 Months	Large-Value -26.73% 3 Months	Mid-Index -27.07% 3 Months	EAFE-Value -28.08% 3 Months	Small-Index -30.61% 3 Months	Mid-Value -31.71% 3 Months	Small-Value -35.66% 3 Months	3/31/2020
12/31/2021	Large-Value -17.76% 9 Months	Mid-Value -20.35% 9 Months	Small-Value -21.12% 9 Months	EAFE-Value -21.44% 8 Months	Large-Index -23.87% 9 Months	Mid-Index -24.27% 9 Months	Small-Index -26.62% 11 Months	EAFE-Index -26.88% 13 Months	Large-Growth -30.66% 9 Months	Small-Growth -32.59% 8 Months	EAFE-Growth -32.82% 9 Months	Mid-Growth -34.12% 11 Months	9/30/2022
						Average:	Drawdown	1					
Percent	Large-Value -24.73%	Large-Index -26.10%	Mid-Value -27.63%	Mid-Index -28.00%	Large-Growth -29.03%	EAFE-Value -29.42%	EAFE-Index -30.46%	Small-Value -30.49%	EAFE-Growth -31.63%	Small-Index -31.69%	Mid-Growth -32.98%	Small-Growth -36.65%	Percent
					Av	erage: Pe	ak to Trou	gh					
Duration	Mid-Value 8.29 Months	Large-Growth 8.57 Months	Small-Value 8.71 Months	Large-Value 8.71 Months	Large-Index 9.00 Months	Small-Growth 9.86 Months	Mid-Growth 10.14 Months	Mid-Index 10.14 Months	Small-Index 10.29 Months	EAFE-Value 11.29 Months	EAFE-Growth 11.43 Months	EAFE-Index 12.43 Months	Duration
	Average: Trough to Peak Level												
Duration	Mid-Index 11.29 Months	Large-Value 13.29 Months	Mid-Value 14.29 Months	Small-Index 15.86 Months	Large-Index 16.57 Months	Mid-Growth 17.29 Months	Small-Value 19.71 Months	EAFE-Value 21.86 Months	Small-Growth 21.86 Months	EAFE-Index 22.86 Months	EAFE-Growth 24.86 Months	Large-Growth 26.43 Months	Duration
Average: Peak to Peak Level													
Duration	Mid-Index 21.43 Months	Large-Value 22.00 Months	Mid-Value 22.57 Months	Large-Index 25.57 Months	Small-Index 26.14 Months	Mid-Growth 27.43 Months	Small-Value 28.43 Months	Small-Growth 31.71 Months	EAFE-Value 33.14 Months	Large-Growth 35.00 Months	EAFE-Index 35.29 Months	EAFE-Growth 36.29 Months	Duration
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
	- Pank -												

Rank ·

Data: Maximum drawdowns associated with the last seven Standard & Poor's 500 Stock Index (Large-Index) Corrections and Bear Markets. Example: In the 5/31/90 Correction, Large-Growth ranked 2nd with a drawdown of -15.24%. The drawdown lasted for 3 months. Definitions: Corrections - Minimum 10% drawdown but less than 20%, Bear Markets - Minimum 20% drawdown. a

Source: S&P Dow Jones Indices LLC; FTSE Russell; Morgan Stanley Capital International; Copyright © 2025 Crandall, Pierce & Company



### **Important Disclosure Information**

Past performance is no guarantee of future results. Different types of investments involve varying degrees of risk. Therefore, and there can be no assurance that the future performance of any specific investment or investment strategy (including the investments and/or investment strategies recommended and/or undertaken by Chicago Partners Investment Group LLC ("CP"), or any non-investment related content, will be profitable, equal any corresponding indicated historical performance level(s), be suitable for your portfolio or individual situation, or prove successful. Neither CP's investment adviser registration status, nor any amount of prior experience or success, should be construed that a certain level of results or satisfaction will be achieved if CP is engaged, or continues to be engaged, to provide investment advisory services. CP is neither a law firm, nor a certified public accounting firm, and no portion of its services should be construed as legal or accounting advice. Moreover, no portion of the foregoing content serves as the receipt of, or a substitute for, personalized investment advice from CP. A copy of our current written disclosure Brochure and Form CRS discussing our advisory services and fees is available upon request or at <a href="https://www.chicagopartnersllc.com">www.chicagopartnersllc.com</a>. The scope of the services to be provided depends upon the needs and requests of the client and the terms of the engagement. Please Remember: If you are a CP client, please contact CP, in writing, if there are any changes in your personal/financial situation or investment objectives for the purpose of reviewing/evaluating/revising our previous recommendations and/or services, or if you would like to impose, add, or to modify any reasonable restrictions to our investment advisory services. Unless, and until, you notify us, in writing, to the contrary, we shall continue to provide services as we do currently.

Historical performance results for investment indices, benchmarks, and/or categories have been provided for general informational/comparison purposes only, and generally do not reflect the deduction of transaction and/or custodial charges, the deduction of an investment management fee, nor the impact of taxes, the incurrence of which would have the effect of decreasing historical performance results. It should not be assumed that your CP account holdings correspond directly to any comparative indices or categories. Please Also Note: (1) comparative benchmarks/indices may be more or less volatile than your CP accounts; and, (2) a description of each comparative benchmark/index is available upon request.

\*Please Note: Ranking Limitations. Neither rankings nor recognitions by unaffiliated rating services, publications, media, or other organizations, nor the achievement of any professional designation, certification, degree, or license, membership in any professional organization, or any amount of prior experience or success, should be construed by a client or prospective client as a guarantee that the client will experience a certain level of results if the investment professional or the investment professional's firm is engaged, or continues to be engaged, to provide investment advisory services. A fee was not paid by either the investment professional or the investment professional's firm to receive the ranking. The ranking is based upon specific criteria and methodology (see ranking criteria/methodology). No ranking or recognition should be construed as an endorsement by any past or current client of the investment professional or the investment professional's firm. ANY QUESTIONS: CP's Chief Compliance Officer remains available to address any questions regarding rankings and/or recognitions, including the criteria used for any reflected ranking.

