

Raymond A Rondeau

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- AAI Active Investing Tool Developer
- MetaStock & TradeStation Developer & Programmer
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Welcome



Benvenuto -	Italian
Bienvenidos -	Spanish
Bienvenue -	French
Bun venit -	Romanian
Dobro pozhalovat' -	Russian
Emukela -	Zulu
Foon ying & Huan yin -	Chinese
Hwangyong-hamnida -	Korean
Iiwy -	Ancient Egypt
Irashaimasu & Yo koso -	Japanese
Laskavo prosimo -	Ukrainian
Sosopo mai -	Samoan
Velkommen' -	Danish
Vitezte -	Czech
Willkommen -	German
Witajcie -	Polish
Zayt vilkum -	Yiddish



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“An investment in knowledge pays the best interest.”

- *Benjamin Franklin*



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Essential Investing Course





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Video Education Suite Content

Home Join Latest AAI Journal Markets Model Portfolios Investing Ideas Screening Learn & Plan Community A+ Investor

Wayne Thorp - Intro to Stock Investing *

Manage Product

✓ You are registered!

Snapshot Instructor Materials * Primary Presentation (7) Resources Survey Discussion ?



Key: ☒ Complete ☒ Next ☒ Failed ☒ Available ☒ Locked



** Introduction to Stock Investing (presentation)

Begin self-paced component package.



^ Segment Test (for credits)

20 Questions | Unlimited attempts | 14/22 points to pass | Graded as Pass/Fail



* Efficient Market Hypothesis (bonus video)

Begin self-paced component package.

This video contains supplemental educational material from our speaker that is directly related to the content covered in the primary video presentation. This section has no requirements to proceed.

View Course

Mark as Completed



* Reading Stock Quotes (bonus video)

Begin self-paced component package.



Words of Wisdom (benefit)

Open to download resource.



Segment Incentive Bonus (benefit)

Open to download resource.



● Credit Accrual & Certificate of Completion (reference)

20.00 - Core Course credits | Certificate available



Snapshot - presentation description with class details and the included elements



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VES Future Release Classes

Title	Instructor	Topic	Level	RES	WOW	SIB	View	Test	Time	Credits
How to Select Good Stocks	L. Navellier	Stocks	Intermediate	X	X	X	90%	70%	~ 30	1
How to Interpret Investment Data	D. Chisholm	Strategy	Advanced	X	X		90%	70%	~ 35	1
Basic Chart Reading	R. Rondeau	Strategy	Beginner	X	X	X	90%	70%	~ 45	1
Orders & Executions	R. Rondeau	Retirement	All	X	X	X	90%	70%	~ 30	1
Intro to Technical Analysis	R. Rondeau	Investing	All	X	X	X	90%	70%	~ 60	2
Fixed Income Investing	M. Fridson	Fixed Income	Intermediate	X	X	X	90%	70%	~ 90	3
Investment Strategies	R. Bernstein	Strategy	Intermediate	X	X	X	90	70%	~ 45	1
PROJECTED TOTALS									~ 335	10

Symbol	Net Chg	Net Chg	Bid Size	Bid	Last	Ask	Ask Size
SPY	2.53%	9.90	1,000	400.77	400.79	400.81	500

Spread	Price	Depth	Size
0.04	400.77 * 400.81	5 * 3	3000 * 1400
0.06	400.76 * 400.82	6 * 3	2800 * 1200
0.09	400.74 * 400.83	1 * 2	200 * 800

ID	Bid	Size	Time
nsdq#	400.77	500	04:25:14 PM
ARCX#	400.77	500	04:25:15 PM
PSX	400.77	500	04:25:15 PM
EDGX	400.77	500	04:25:17 PM
BATS	400.77	1000	04:25:18 PM
BX	400.76	500	04:25:14 PM
BATY	400.76	500	04:25:14 PM
CINN#	400.76	500	04:25:14 PM
EDGA	400.76	500	04:25:14 PM

ID	Ask	Size	Time
MEMX	400.81	400	04:25:18 PM
nsdq#	400.81	500	04:25:18 PM
BATS	400.81	500	04:25:18 PM
AMEX	400.82	400	04:25:14 PM
ARCX#	400.82	400	04:25:18 PM
EDGX	400.82	400	04:25:18 PM
CINN#	400.83	300	04:25:15 PM
BATY	400.83	500	04:25:17 PM
PSX	400.87	500	04:25:13 PM



Symbol	Bid Tick	Open	VWAP	Close
SPY		394.36	398.65	401.04

Size	Price	Condition	Time
90	400.79+	Odd Lot, Btwn B&A	04:25:17 PM
1	400.78-	Odd Lot, Below Bid	04:25:17 PM
99	400.79	Odd Lot, At Bid	04:25:17 PM
100	400.79	Form T, At Bid	04:25:17 PM
300	400.79-	Form T, At Bid	04:25:17 PM
100	400.80	Form T, Btwn B&A	04:25:15 PM
500	400.80	Form T, Btwn B&A	04:25:15 PM
25	400.80-	Odd Lot, At Bid	04:25:14 PM
100	400.83	Form T, Above Ask	04:25:13 PM
500	400.83	Form T, Above Ask	04:25:13 PM
500	400.83	Form T, Above Ask	04:25:13 PM
400	400.83	Form T, Above Ask	04:25:13 PM
100	400.83	Form T, Above Ask	04:25:13 PM
500	400.83+	Form T, Above Ask	04:25:13 PM
400	400.82	Form T, At Ask	04:25:13 PM
100	400.82	Form T, At Ask	04:25:13 PM
400	400.82	Form T, At Ask	04:25:13 PM
400	400.82+	Form T, Above Ask	04:25:13 PM
500	400.81	Form T, At Ask	04:25:13 PM
400	400.81	Form T, At Ask	04:25:13 PM
500	400.81	Form T, At Ask	04:25:13 PM
400	400.81	Form T, At Ask	04:25:13 PM
500	400.81+	Form T, At Ask	04:25:13 PM
300	400.805+	Form T, Btwn B&A	04:25:13 PM
100	400.80+	Form T, At Ask	04:25:12 PM
300	400.795+	Form T, Btwn B&A	04:25:12 PM
1	400.77+	Odd Lot, Btwn B&A	04:25:10 PM
50	400.75-	Odd Lot, At Bid	04:25:08 PM
200	400.79	Form T, Above Ask	04:25:03 PM
400	400.79	Form T, Above Ask	04:25:03 PM
100	400.79	Form T, Above Ask	04:25:03 PM
400	400.79+	Form T, Above Ask	04:25:03 PM
400	400.78	Form T, Above Ask	04:25:03 PM
500	400.78	Form T, Above Ask	04:25:03 PM
400	400.78	Form T, Above Ask	04:25:03 PM
500	400.78	Form T, Above Ask	04:25:03 PM
100	400.78	Form T, Above Ask	04:25:03 PM
400	400.78	Form T, Above Ask	04:25:03 PM
500	400.78	Form T, Above Ask	04:25:03 PM
500	400.78+	Form T, Above Ask	04:25:03 PM
400	400.77	Form T, At Ask	04:25:03 PM
400	400.77	Form T, At Ask	04:25:03 PM
400	400.77	Form T, At Ask	04:25:03 PM
400	400.77+	Form T, At Ask	04:25:03 PM
500	400.76	Form T, At Ask	04:25:03 PM
400	400.76	Form T, At Ask	04:25:03 PM
400	400.76	Form T, At Ask	04:25:03 PM
400	400.76	Form T, At Ask	04:25:03 PM



Thanks for Attending

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Certification Benefits

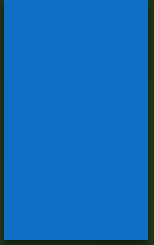
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How to Improve Investment Performance

- I. Building Wealth Through Investing
- II. Wealth Building Evolution
- III. Improving Investment Performance
- IV. Question and Answer Session





Building Wealth Through Investing

SECTION I

Maverick Investors & Traders



A Worthy Challenge

- Legacy \$1,000,000 to his son at his son's retirement
- By investing
- No money to invest
- No additional work or effort
- Same lifestyle with no sacrifices

Theoretical Comprise

- We needed some money to start the investment process
- We looked at and settled on \$2.76 / day
- The price of a two bottles of water (story)

Theoretical Proposal

- We propose that Shane will invest \$83 a month
- ONLY for the first 18 years of his son's life
- How much money would Shane have to bequeath to his son?

Historical Percentage Returns

Asset Class:	30-39	40-49	50-59	60-69	70-79	80-89	90-99	00-09	1930-2013
S&P 500 Index	-1	9.2	19.4	7.8	5.9	17.5	18.2	-9	9.7
Large-Cap Value	-5.7	12.7	18.4	9.4	12.9	20.6	16.8	4.1	11.2
Small-Cap	2.3	14.9	19.2	13.0	9.2	16.8	15.5	9.0	12.7
Small-Cap Value	-2.6	19.8	19.6	14.4	14.4	20.1	16.2	12.8	14.4

Return Projections

How much money would Shane accumulate after investing \$1000 per year, with a return of 11%, after 18 years?

IT'S
QUIZ
TIME !!!

Amortization Tables

Results Summary	
Starting amount	\$0.00
Years	18 years.
Additional contributions	\$83.00 per month
Rate of return	11.00% compounded annually
Total amount you will have contributed	\$17,928.00
Total interest	\$35,209
Total at end of investment	\$53,137.37

Savings Balance

Year	Additions	Interest	Balance
Start	\$0		\$0
1	\$996.00	\$58.40	\$1,054.40
2	\$996.00	\$174.37	\$2,224.77
3	\$996.00	\$303.12	\$3,523.89
4	\$996.00	\$446.01	\$4,965.90
5	\$996.00	\$604.66	\$6,566.56
6	\$996.00	\$780.73	\$8,343.29
7	\$996.00	\$976.16	\$10,315.45
8	\$996.00	\$1,193.11	\$12,504.56
9	\$996.00	\$1,433.91	\$14,934.47
10	\$996.00	\$1,701.17	\$17,631.64
11	\$996.00	\$1,997.88	\$20,625.52
12	\$996.00	\$2,327.21	\$23,948.73
13	\$996.00	\$2,692.77	\$27,637.50
14	\$996.00	\$3,098.53	\$31,732.03
15	\$996.00	\$3,548.90	\$36,276.93
16	\$996.00	\$4,048.86	\$41,321.79
17	\$996.00	\$4,603.80	\$46,921.59
18	\$996.00	\$5,219.78	\$53,137.37

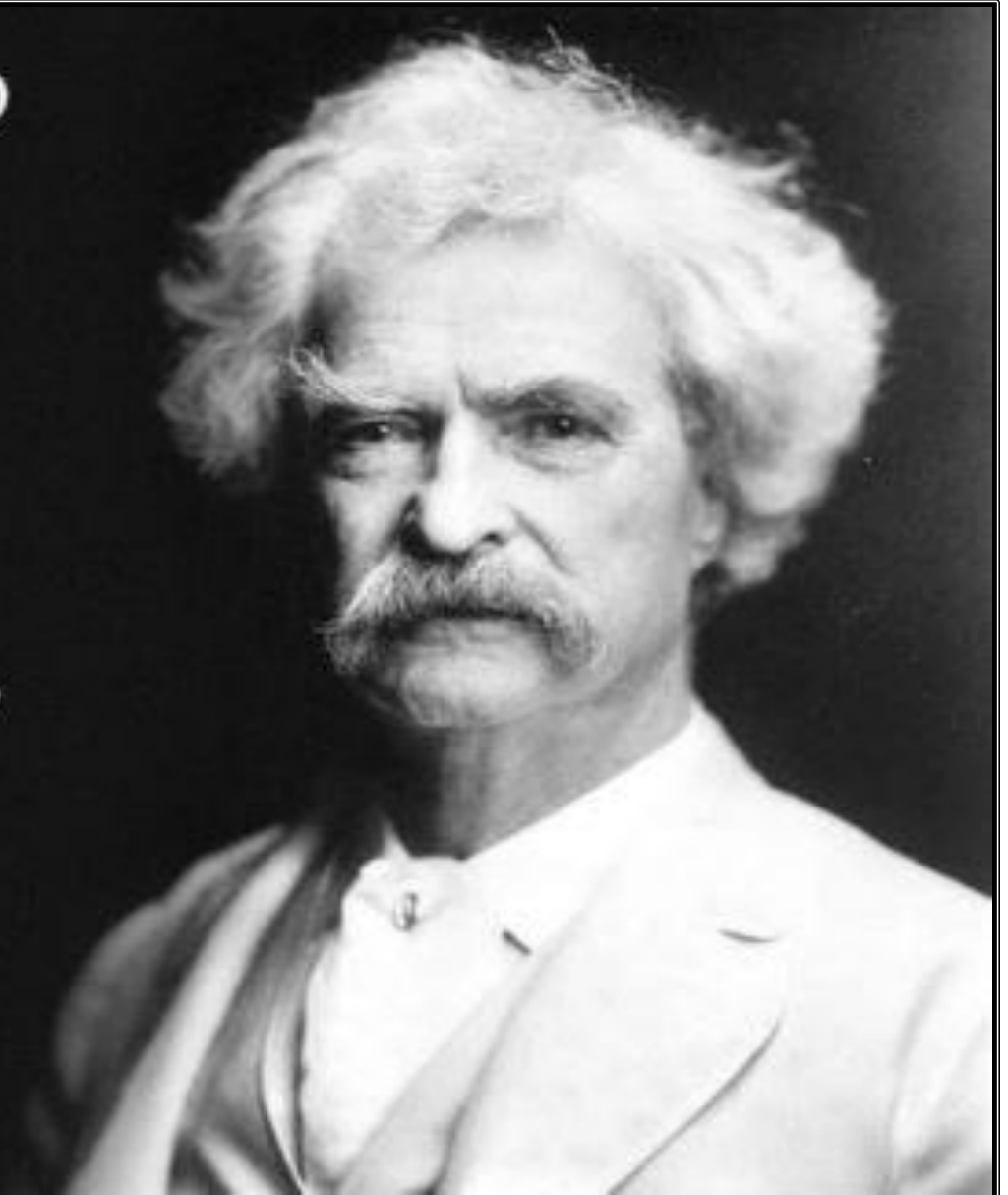
The Final Balance

IT'S
QUIZ
TIME !!!

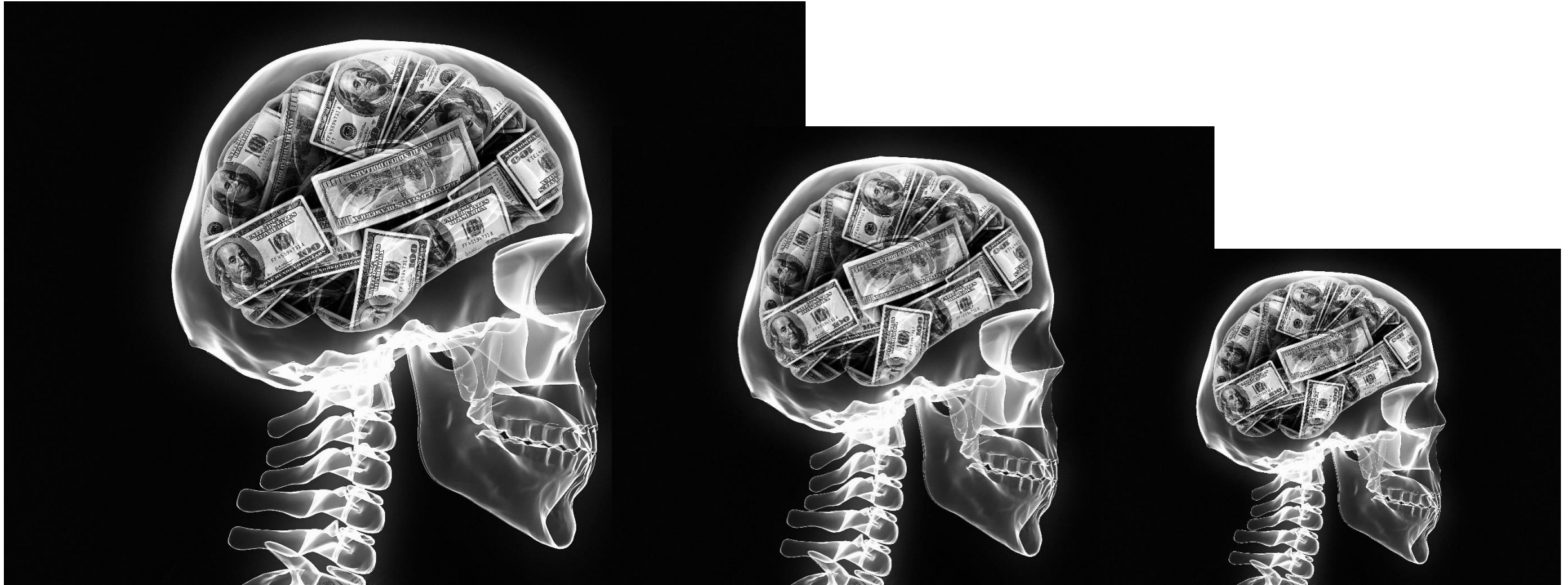
Reality Check

“IT'S EASIER TO
FOOL PEOPLE
THAN TO
CONVINCE
THEM THAT
THEY HAVE
BEEN FOOLED.”

~MARK TWAIN



Collaborating Efforts





[illegible]

Investing is Individualistic

- Investor's current financial situation
- Future monetary needs and goals
- Risk tolerance
- Personality
- Time to allocate
- Analytical strengths and weaknesses



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If you must pay – always pay less

Best Gift Card Deals



What does the typical monthly budget look like?

Here's the typical monthly budget for U.S. households. How does your budget compare?

Housing: 33% (\$18,886 a year)

Transportation: 16% (\$9,049 a year)

Food: 13% (\$7,203 a year)

Pensions and insurance: 11% (\$6,831 a year)

Health care: 8% (\$4,612 a year)

Other: 7% (\$3,933 a year)

Entertainment: 5% (\$2,913 a year a year)

Apparel and services: 3% (\$1,803 a year)

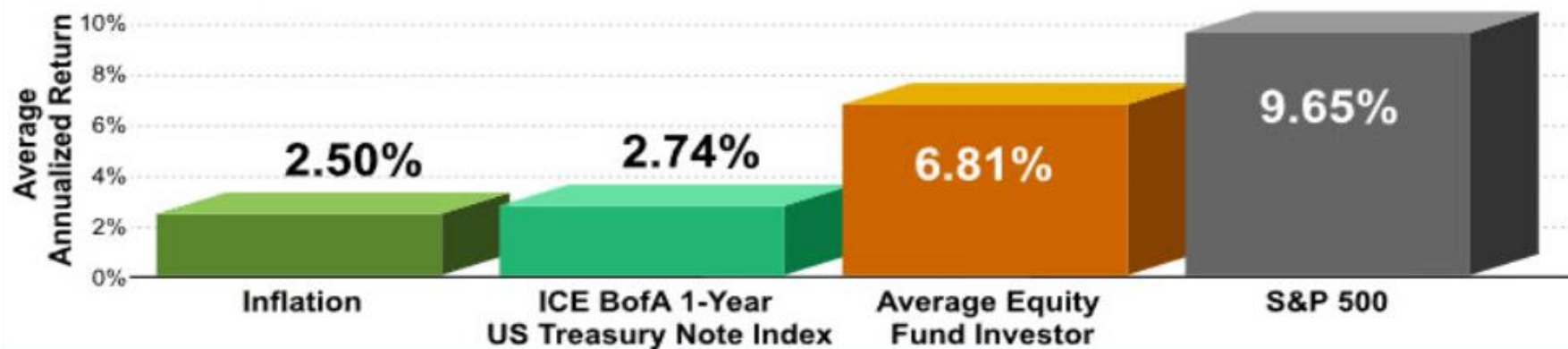
DISCIPLINE

is the bridge between
goals and accomplishment



Emotional Investment Decisions

The Dalbar Study: Average Equity Fund Investor vs. Indexes Over 30 Years 30 Years (1/1/1993 - 12/31/2022)



Average Equity Investor as determined by Dalbar | Study source: [Dalbar QAIB 2023 study](#), Morningstar, Inc. | Past performance does not guarantee future results. The S&P 500 Index is an unmanaged float-adjusted market capitalization-weighted index that is generally considered representative of the U.S. stock market. Other indexes may be more appropriate to benchmark your investments against. It is not possible to invest directly in an index. Data is provided for illustrative purposes only, it does not represent actual performance of any client portfolio or account and it should not be interpreted as an indication of such performance. © 2023 Index Fund Advisors, Inc. (IFA.com)

Portfolios

Reports

Performance Report - Bollinger Reverse

Summary Trade Analysis Trades List Returns & Equity Equity Table Periodical Returns Graphs Settings

Summary	Value
Total Return	\$167,094.66
Total Realized Return	\$166,673.91
Gross Profit	\$1,120,947.14
Gross Loss	(\$954,273.23)
Open Trade P/L	\$420.75
Number of Trades	26207
Number of Winning Trades	13373
Number of Losing Trades	12310
% Profitable	51.03 %
Average Trade	\$6.36
Average Trade (%)	0.26 %
Standard Deviation	\$125.89
Standard Deviation Trade %	5.10 %
Largest Winning Trade	\$2,101.40
Largest Losing Trade	(\$3,900.00)
Profit Factor	1.17
Average Win/Average Loss	1.08
Sharpe Ratio	0.2296
K-Ratio	0.3772
Return Retracement Ratio	4.6659
Compounded Annual Return	8.06 %
Compounded Monthly Return	0.64 %
Average Annual Return	\$11,935.33
Average Annual Return (%)	7.50 %
Average Monthly Return	\$1,092.12
Average Monthly Return (%)	0.67 %
Percent Days Profitable	49.80 %
Percent Months Profitable	65.36 %
Percent Years Profitable	85.71 %
Commissions on Currencies	\$0.00

Lock...	Portfolio Name	Report Name	Modified	Start	End	Total Return	Sharpe Ra...	K-Ratio	# Tra...	Average Tr...	Avg Drawd...	Max Drawd...	Total Return / Max Draw...	Type	Curre...	Initial Capi...	Risk Free...	Paramet...	MM Par...
■	Bollinger L&...	Backtest 001...	11/13/2016 10:...	3/24/2000	3/5/2013									Standa...	USD	\$100,000.00	2		
■	Bollinger L&...	Bollinger Re...	11/13/2016 10:...	3/24/2000	2/5/2013	\$167,094.66	0.2296	0.3772	26207	\$6.36	(\$2,603.03)	(\$41,491.95)	4.0272	Standa...	USD	\$100,000.00	2	Indicato...	
■	MACD Cross...	MACD Above...	11/12/2016 3:5...	3/24/2000	3/5/2013	\$836,164.55	0.1847	0.2270	18457	\$45.19	(\$13,012.58)	(\$439,797....	1.9012	Standa...	USD	\$100,000.00	2	FastLen ...	
■	MACD Cross...	MACD Above...	11/12/2016 3:4...	3/24/2000	3/5/2013	\$860,569.25	0.1827	0.2452	14671	\$58.53	(\$12,007.55)	(\$422,295....	2.0378	Standa...	USD	\$100,000.00	2	FastLen ...	
■	MACD Cross...	MACD Above...	11/12/2016 3:3...	3/24/2000	3/5/2013	\$966,488.64	0.1835	0.2461	16598	\$58.07	(\$14,262.70)	(\$456,421....	2.1175	Standa...	USD	\$100,000.00	2	FastLen ...	
■	MACD Cross...	MACD Cross...	11/12/2016 3:0...	3/24/2000	3/5/2013	\$882,443.60	0.1737	0.2363	30143	\$29.09	(\$13,927.15)	(\$456,314....	1.9339	Standa...	USD	\$100,000.00	2	FastLen ...	
■	MACD Cross...	MACD Cross...	11/12/2016 2:5...	3/24/2000	3/5/2013	\$579,893.88	0.1448	0.1587	37607	\$15.27	(\$14,152.87)	(\$439,250....	1.3202	Standa...	USD	\$100,000.00	2	FastLen ...	
■	MACD Cross...	MACD Cross...	11/12/2016 2:3...	3/24/2000	3/5/2013	\$702,153.58	0.1589	0.1986	29198	\$23.90	(\$12,536.15)	(\$400,194....	1.7545	Standa...	USD	\$100,000.00	2	FastLen ...	

Analysis

Law of Diminishing Returns

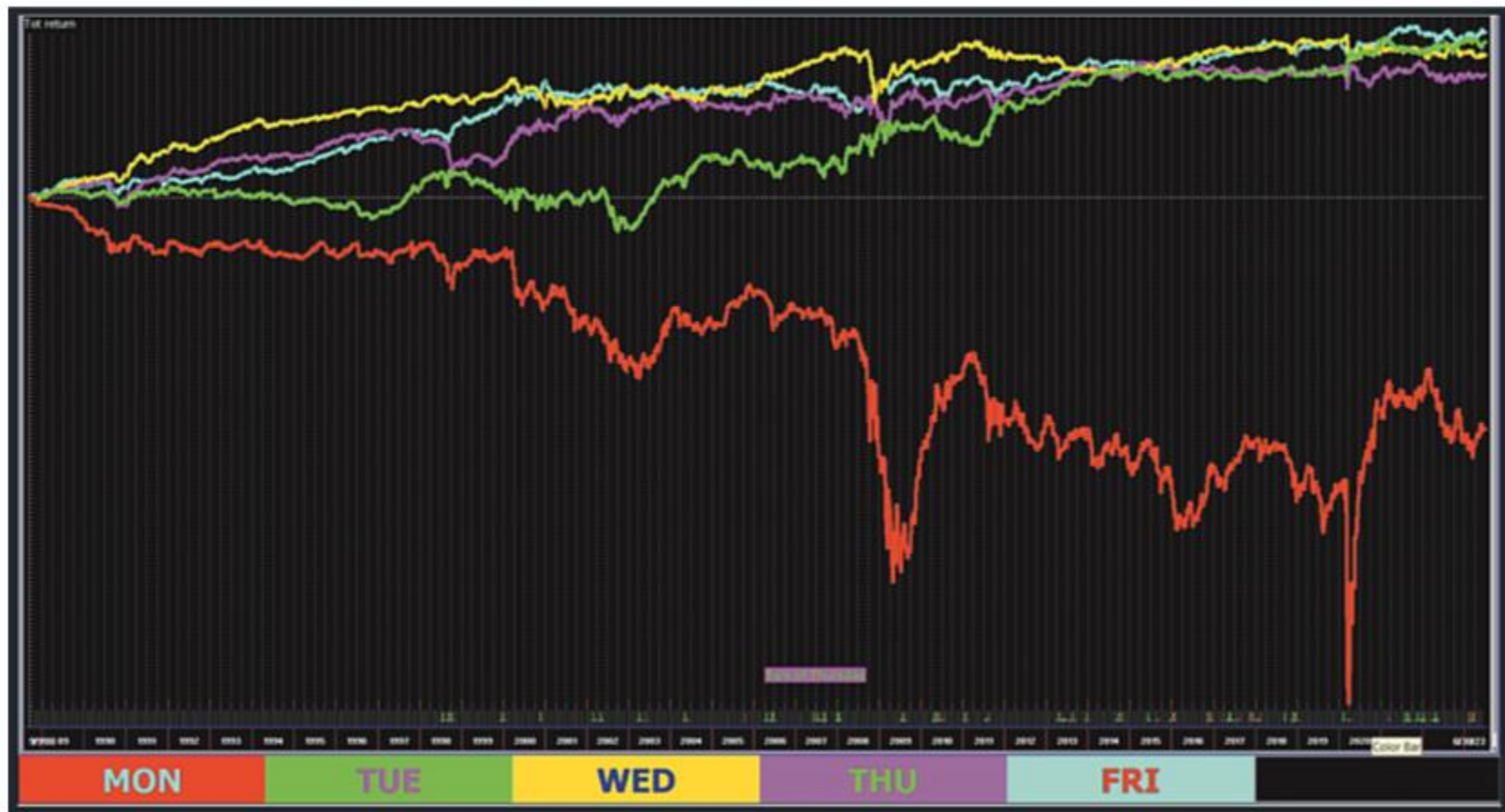
“Things should be as simple as possible but not simpler”

Albert Einstein

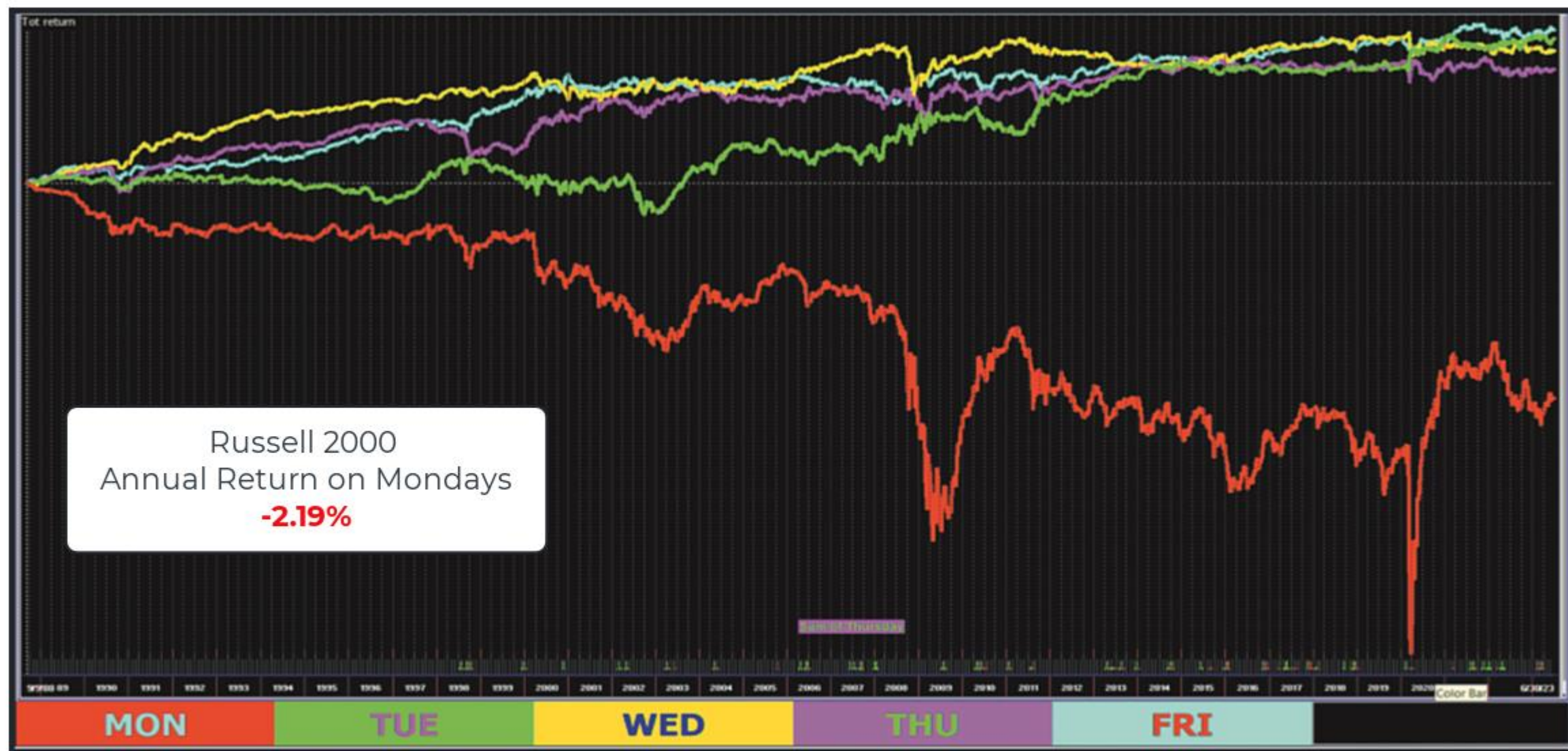
“If a simple explanation will suffice then a complex one isn’t necessary”

Occam’s razor

Day	Monday	Tuesday	Wednesday	Thursday	Friday
% / Year	-1.75%	2.76%	3.57%	1.31%	2.24%



Source: Stocks & Commodities Magazine - Ken Huck & Nelson Huck



Source: Stocks & Commodities Magazine - Ken Huck & Nelson Huck



MUTUAL FUNDS

[illegible]

INVESTMENTS



“I remain confident we will pull out of this nose dive.”

Average Annual Returns (July 1963 to December 1990) (%)

	Price-to-Book-Value Ratio										
	High	Low									
	All	1	2	3	4	5	6	7	8	9	10
All Stocks	15.80	7.96	12.42	13.49	14.98	15.94	16.21	18.02	18.16	19.56	21.41
Size Deciles											
1-Largest	11.22	11.75	11.09	10.56	8.86	9.90	10.43	10.16	12.15	12.28	15.12
2	12.01	5.41	11.22	11.62	12.68	13.35	11.75	10.30	14.16	13.22	15.66
3	13.76	8.21	14.44	11.48	12.01	12.55	12.82	14.71	13.35	16.63	20.27
4	13.62	12.01	12.68	12.55	10.43	12.55	14.44	12.55	14.84	14.03	19.14
5	14.71	8.73	12.42	14.57	15.80	11.88	16.35	15.25	15.25	15.94	19.56
6	15.94	11.09	8.08	13.76	19.14	14.44	18.58	18.72	16.21	19.84	19.42
7	15.25	4.78	8.99	13.49	17.60	14.44	15.53	17.32	20.84	19.70	19.14
8	15.66	6.93	11.09	15.80	12.01	17.60	16.77	16.77	18.16	20.13	20.98
9	15.66	5.28	13.35	12.15	15.25	17.18	15.25	20.70	16.49	18.58	23.73
10-Smallest	19.14	8.73	14.57	15.39	18.58	20.41	19.70	22.42	22.56	24.16	25.64

Source: *The Cross-Section of Expected Stock Returns*, Eugene Fama & Kenneth French, *The Journal of Finance*, June 1992



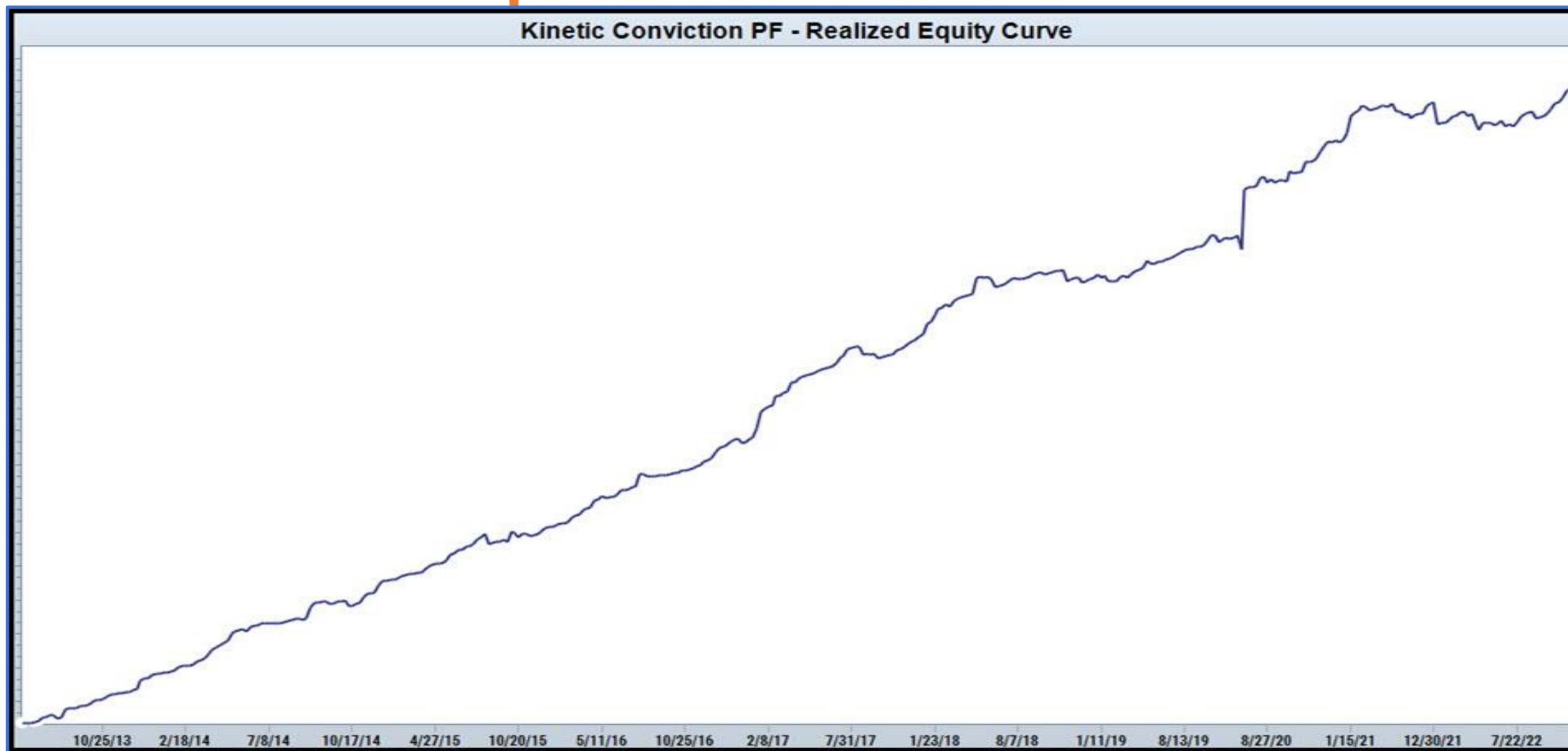
Kinetic Conviction PF Performance

Category	Value
Number of Trades	410
Hit Rate - % Profitable	81.7%
Profit Factor	3.73
K-Ratio	.5693
Average Trade \$ Return	\$137.37
Average Trade % Return	2.78%
Average Trade Length (days)	26.5
Maximum Consecutive Wins	20
Maximum Consecutive Losses	2

AI - Kinetic Conviction PF

Appropriate for:

Investors/traders with a short-term time horizon who are willing to scan a larger universe of stocks and who prioritize risk and consistency of returns.



Performance Details

Winning Trades	
Number of Winning Trades	335
Average Win	\$229.71
Percent of Winning Trades	81.7%
Maximum Consecutive Wins	20
Largest Winning Trade	\$5,298.30
Largest Winning Trade (%)	106.2%
Average Winning Trade Length	19.79 days
Losing Trades	
Number of Losing Trades	75
Average Loss	-\$275.05
Percent of Losing Trades	18.3%
Maximum Consecutive Losses	2
Largest Losing Trade	-\$1,857.24
Largest Losing Trade (%)	-37.9%
Average Losing Trade Length	56.49 days

Trade Runup	
Maximum \$	\$5,298
Maximum %	106.2%
Maximum Date	4/17/2020
Average \$	\$251.87
Average %	5.2%
Trade Drawdown	
Maximum \$	(\$2,427)
Maximum %	-48.6%
Maximum Date	12/26/2018
Average \$	(\$250.30)
	-5.1%

Equity Runup	
Maximum \$	\$57,706
Maximum %	58.4%
Maximum Date	11/22/2022
Average \$	\$19,370.72
Average %	19.6%
Best 12 month period	

Maximum \$	\$12,362
Maximum %	10.4%
Maximum Date	8/1/2016
Equity Drawdown	
Maximum \$	(\$5,606)
Maximum %	-3.6%
Maximum Date	7/14/2022
Average \$	(\$485.27)
Average %	-0.4%
Worst 12 month period	
Maximum \$	(\$4,158)
Maximum %	-2.7%
Maximum Date	7/1/2021

Periodicity	
Average Time to Recovery	8 days
Average Time Between Equity Peaks	17 days
Longest Time Between Equity Peaks	305 days
Percent Weeks Profitable	54.41%
Percent Months Profitable	67.50%
Percent Years Profitable	100.00%

Monthly Return / Ratios	
Average	\$469.36
Standard Deviation	\$1,195.26
Sharpe Ratio	0.2264
K-Ratio	0.5693

* Year % Return is projected from the average trade return and the average days per trade. This amount is not compounded and it does not include dividends.

Yearly Return Statistics

[illegible]

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QuantKey Verification



The backtested results for AAI's Conviction systems performance reports were verified to be accurately reproduced with subsequent retesting using TradeStation's Portfolio Maestro by QuantKey, an industry leader in system design and appraisals.

QuantKey, an independent firm, is a leader in system design, development, appraisals, and evaluation of investing and trading systems for industry vendors and hedge funds.



“One accurate measurement is worth a thousand expert opinions”

- Grace Hopper



RISK ASSESSMENT



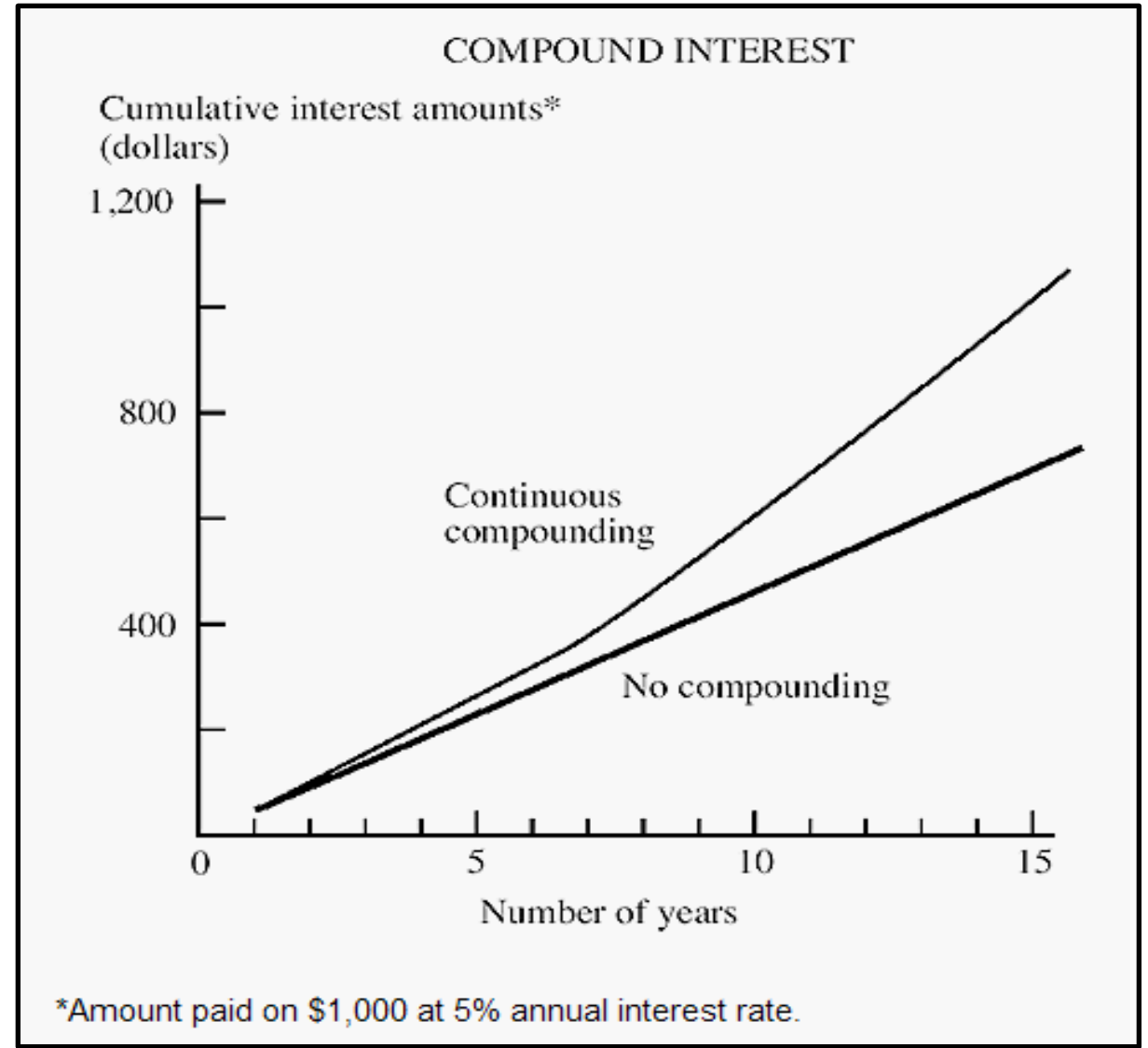
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Interest

Where Simple Is Not Better

The more frequent the compounding the larger the effect.

The more time the larger the effect.



	start principal	start balance	interest	end balance	end principal		start principal	start balance	interest	end balance	end principal
1	\$53,137.00	\$53,137.00	\$5,845.06	\$58,982.07	\$53,137.00	27	\$53,137.00	\$801,298.78	\$88,142.85	\$889,441.64	\$53,137.00
2	\$53,137.00	\$58,982.07	\$6,488.00	\$65,470.10	\$53,137.00	28	\$53,137.00	\$889,441.64	\$97,838.58	\$987,280.22	\$53,137.00
3	\$53,137.00	\$65,470.10	\$7,201.71	\$72,671.81	\$53,137.00	29	\$53,137.00	\$987,280.22	\$108,600.82	\$1,095,881.05	\$53,137.00
4	\$53,137.00	\$72,671.81	\$7,993.90	\$80,665.71	\$53,137.00	30	\$53,137.00	\$1,095,881.05	\$120,546.91	\$1,216,427.96	\$53,137.00
5	\$53,137.00	\$80,665.71	\$8,873.23	\$89,538.94	\$53,137.00	31	\$53,137.00	\$1,216,427.96	\$133,807.07	\$1,350,235.04	\$53,137.00
6	\$53,137.00	\$89,538.94	\$9,849.30	\$99,388.22	\$53,137.00	32	\$53,137.00	\$1,350,235.04	\$148,525.84	\$1,498,760.89	\$53,137.00
7	\$53,137.00	\$99,388.22	\$10,932.71	\$110,320.92	\$53,137.00	33	\$53,137.00	\$1,498,760.89	\$164,863.72	\$1,663,624.59	\$53,137.00
8	\$53,137.00	\$110,320.92	\$12,135.30	\$122,456.22	\$53,137.00	34	\$53,137.00	\$1,663,624.59	\$182,998.71	\$1,846,623.30	\$53,137.00
9	\$53,137.00	\$122,456.22	\$13,470.19	\$135,926.41	\$53,137.00	35	\$53,137.00	\$1,846,623.30	\$203,128.56	\$2,049,751.86	\$53,137.00
10	\$53,137.00	\$135,926.41	\$14,951.91	\$150,878.31	\$53,137.00	36	\$53,137.00	\$2,049,751.86	\$225,472.71	\$2,275,224.56	\$53,137.00
11	\$53,137.00	\$150,878.31	\$16,596.60	\$167,474.93	\$53,137.00	37	\$53,137.00	\$2,275,224.56	\$250,274.72	\$2,525,499.27	\$53,137.00
12	\$53,137.00	\$167,474.93	\$18,422.24	\$185,897.17	\$53,137.00	38	\$53,137.00	\$2,525,499.27	\$277,804.92	\$2,803,304.18	\$53,137.00
13	\$53,137.00	\$185,897.17	\$20,448.69	\$206,345.86	\$53,137.00	39	\$53,137.00	\$2,803,304.18	\$308,363.46	\$3,111,667.65	\$53,137.00
14	\$53,137.00	\$206,345.86	\$22,698.05	\$229,043.90	\$53,137.00	40	\$53,137.00	\$3,111,667.65	\$342,283.43	\$3,453,951.09	\$53,137.00
15	\$53,137.00	\$229,043.90	\$25,194.83	\$254,238.73	\$53,137.00	41	\$53,137.00	\$3,453,951.09	\$379,934.62	\$3,833,885.71	\$53,137.00
16	\$53,137.00	\$254,238.73	\$27,966.24	\$282,204.99	\$53,137.00	42	\$53,137.00	\$3,833,885.71	\$421,727.42	\$4,255,613.13	\$53,137.00
17	\$53,137.00	\$282,204.99	\$31,042.55	\$313,247.54	\$53,137.00	43	\$53,137.00	\$4,255,613.13	\$468,117.45	\$4,723,730.58	\$53,137.00
18	\$53,137.00	\$313,247.54	\$34,457.23	\$347,704.77	\$53,137.00	44	\$53,137.00	\$4,723,730.58	\$519,610.36	\$5,243,340.94	\$53,137.00
19	\$53,137.00	\$347,704.77	\$38,247.53	\$385,952.30	\$53,137.00	45	\$53,137.00	\$5,243,340.94	\$576,767.49	\$5,820,108.44	\$53,137.00
20	\$53,137.00	\$385,952.30	\$42,454.76	\$428,407.05	\$53,137.00	46	\$53,137.00	\$5,820,108.44	\$640,211.93	\$6,460,320.37	\$53,137.00
21	\$53,137.00	\$428,407.05	\$47,124.77	\$475,531.82	\$53,137.00	47	\$53,137.00	\$6,460,320.37	\$710,635.25	\$7,170,955.61	\$53,137.00
22	\$53,137.00	\$475,531.82	\$52,308.51	\$527,840.32	\$53,137.00	48	\$53,137.00	\$7,170,955.61	\$788,805.11	\$7,959,760.73	\$53,137.00
23	\$53,137.00	\$527,840.32	\$58,062.43	\$585,902.76	\$53,137.00	49	\$53,137.00	\$7,959,760.73	\$875,573.68	\$8,835,334.41	\$53,137.00
24	\$53,137.00	\$585,902.76	\$64,449.28	\$650,352.06	\$53,137.00	50	\$53,137.00	\$8,835,334.41	\$971,886.79	\$9,807,221.20	\$53,137.00
25	\$53,137.00	\$650,352.06	\$71,538.73	\$721,890.79	\$53,137.00	51	\$53,137.00	\$9,807,221.20	\$1,078,794.35	\$10,886,015.53	\$53,137.00
26	\$53,137.00	\$721,890.79	\$79,408.00	\$801,298.78	\$53,137.00	52	\$53,137.00	\$10,886,015.53	\$1,197,461.69	\$12,083,477.24	\$53,137.00

Percentage Return is a Significant Factor

Percentage Return	Final Balance
2%	\$60,366
5%	\$363,771
8%	\$2,127,900
11%	\$12,083,476
14%	\$66,597,278

Percentage Return Differentials Are Not Linear

Percentage Return	Final Balance
2%	\$60,366
5%	\$363,771
8%	\$2,127,900
11%	\$12,083,476
14%	\$66,597,287



If I was running \$1 million today, or \$10 million for that matter, I'd be fully invested. Anyone who says that size does not hurt investment performance is selling.

The highest rates of return I've ever achieved were in the 1950s. I killed the Dow. You ought to see the numbers. But I was investing peanuts then.

It's a huge structural advantage not to have a lot of money. I think I could make you 50% a year on \$1 million. No, I know I could. I guarantee that.



"If I was running \$1 million today, or \$10 million for that matter, I'd be fully invested. Anyone who says that size does not hurt investment performance is selling. The highest rates of return I've ever achieved were in the 1950s. I killed the Dow. You ought to see the numbers. But I was investing peanuts then. It's a huge structural advantage not to have a lot of money. I think I could make you 50% a year on \$1 million. No, I know I could. I guarantee that."

Warren Buffett



ASSET ALLOCATION
FLEXIBILITY



SMALLER STOCK
EXECUTION EFFICIENCY



LOWER MAINTENANCE
COST



PERSONALIZED TAX
EXECUTION STRATEGIES

Individual Active Investing Approach

Original Credit Card

Purchase:	\$10,000
Credit Card Incentive:	2%
Money Deposited into Brokerage account:	\$200

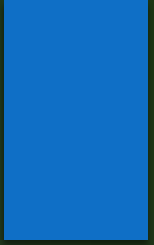
New Certificate of Deposit

Floated Debt Amount:	\$10,000
CD Interest Rate:	5%
CD Return:	\$500



Percentage Return Differentials Are Not Linear

Percentage Return	Final Balance
2%	\$60,366
5%	\$363,771
8%	\$2,127,900
11%	\$12,083,476
14%	\$66,597,287



A Wealth Building Evolution

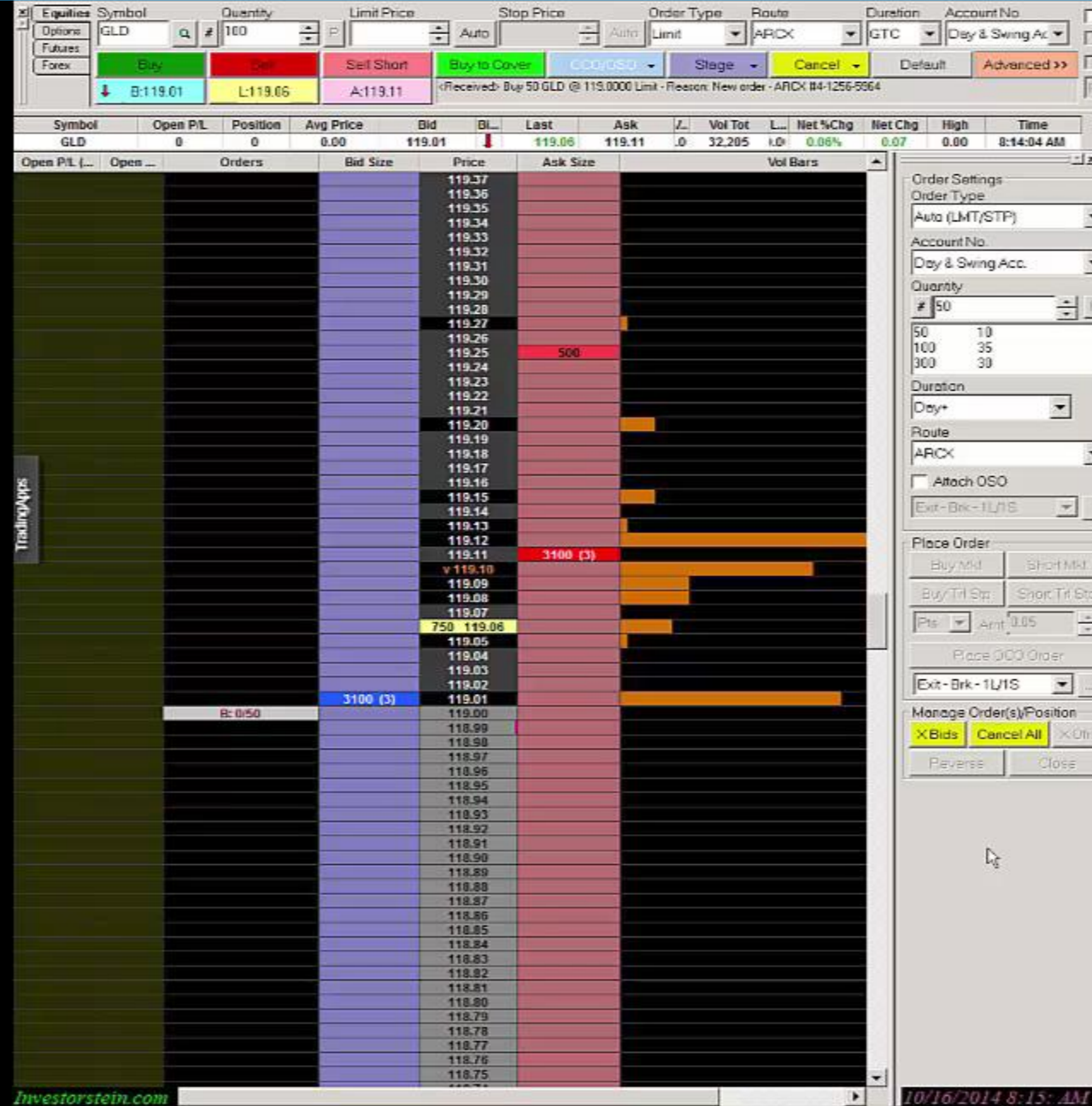
SECTION II

IT'S
QUIZ
TIME !!!



Our Markets Have Changed

- More Volatile
- Global Environment
- Price Gapping
- Margin and Leverage
- Derivate Structures
- Dark Pools
- High Frequency Trading





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	119.17	
	119.16	
	119.15	
	119.14	
	119.13	
	119.12	
	119.11	3100 (3)
	119.10	
	119.09	
	119.08	
	119.07	
	750 119.06	
	119.05	
	119.04	
	119.03	
3100 (3)	119.02	
	119.01	
	119.00	
	118.99	

ASK Price
Investor Pays
119.11

Spread
(\$0.09)

BID Price
Investor Receives
\$119.02



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How much additional money would an investor have 35 years later if they improved their trade efficiency by just 5 cents on a 200-share purchase and sale of an investment?

Based on a projected 11% annual return.

Starting Amount

\$20

After

35 years

Return Rate

11 %

Compound

annually ▼

Additional Contribution

\$0

Contribute at the ☐ beginning ☒ end
of each ☒ month ☐ year

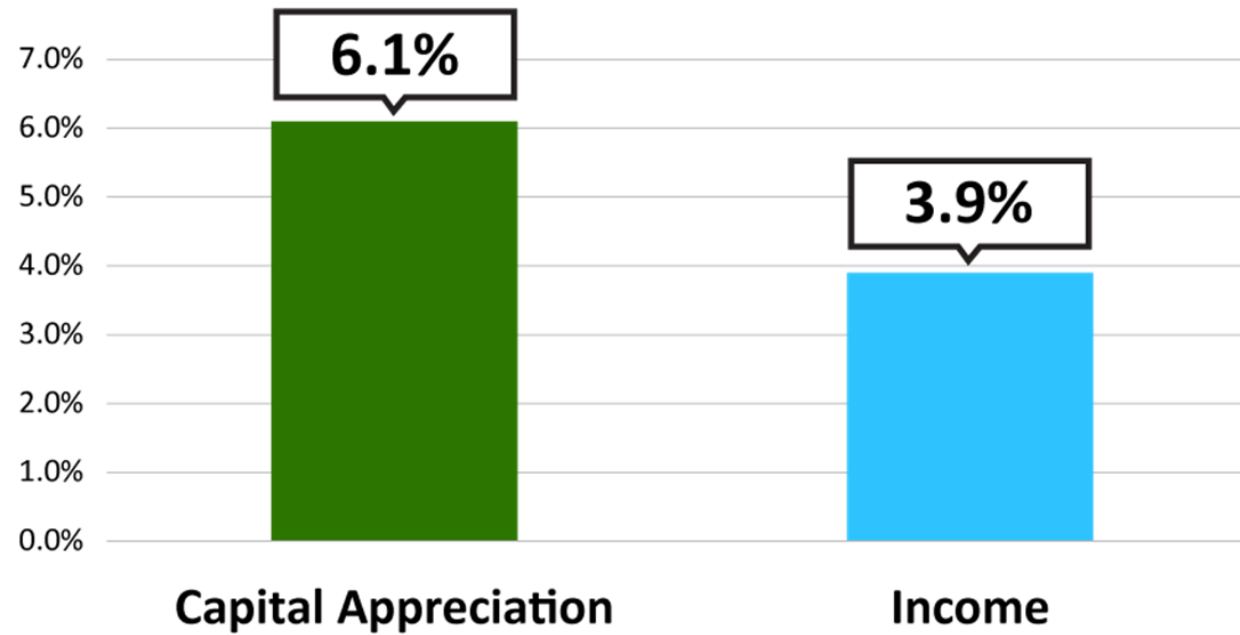
Results

End Balance **\$771.50**

Starting Amount \$20.00

Total Contributions \$0.00

Total Interest **\$751.50**



Contributors to the Long-Term Return of Stocks

- Source: 2020 Ibbotson SBBI Yearbook; returns for the period of 1926-2020

Dividend Growth May Be a Key to Outperformance

- Returns of S&P 500 Index Stocks by Dividend Policy: Growth of \$100 (1972–2019)

\$10,000

Average Annual Returns & Beta by Dividend Policy (3/31/72–12/31/19)

	Returns	Beta
Dividend Growers & Initiators	12.87%	0.92
Dividend Payers	12.79%	0.98
Equal-Weighted S&P 500 Index	12.29%	1.00
No Change in Dividend Policy	11.85%	1.13
Dividend Non-Payers	8.57%	1.13
Dividend Cutters & Eliminators	10.88%	1.23



total return with less volatility relative
their dividends

<https://www.hartfordfunds.com/market-perspectives/the-power-of->
See into account fees and charges associated with actual investments.

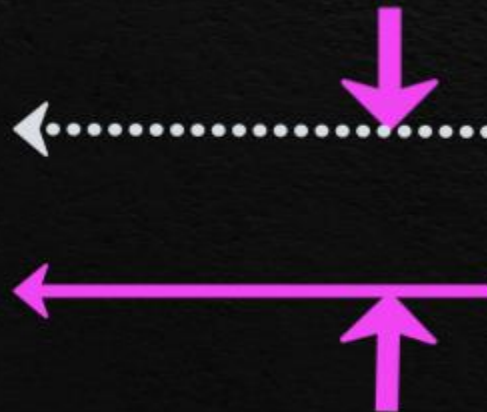


Spread Affect on Dividends

Ask **\$10.10**

Last **\$10.00**

Bid **\$ 9.90**

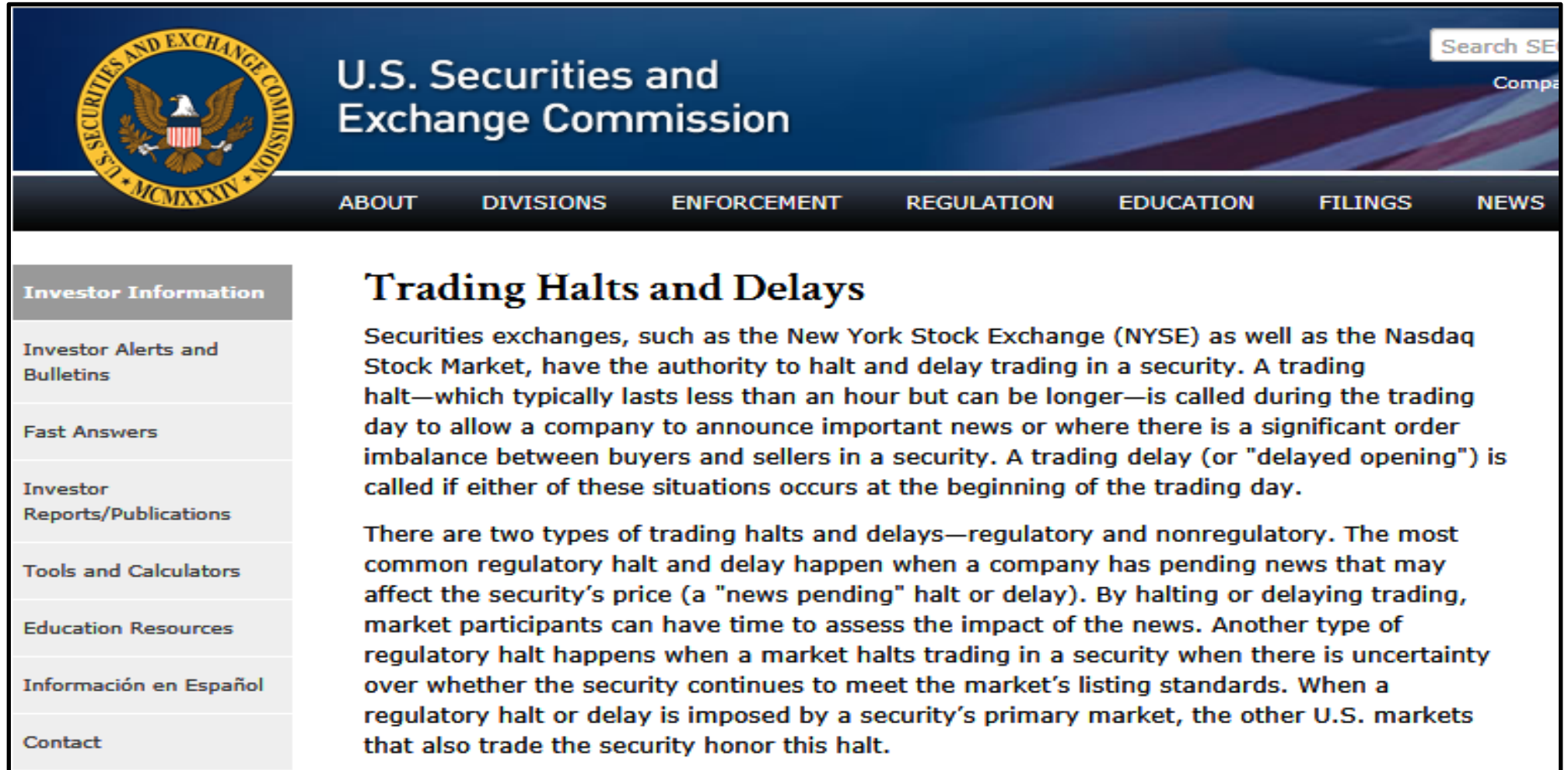


$$\text{\$10.10} - \text{\$10.00} = .10 \quad | \quad \text{\$0.10} / \text{\$10.00} = 1.0\%$$

Order Entry Guidelines

Market Orders

Guarantee fills
but not price?



The screenshot shows the SEC website with the following elements:

- Header:** U.S. Securities and Exchange Commission logo and name. A search bar is visible in the top right corner.
- Navigation Bar:** Links for ABOUT, DIVISIONS, ENFORCEMENT, REGULATION, EDUCATION, FILINGS, and NEWS.
- Left Sidebar (Investor Information):**
 - Investor Alerts and Bulletins
 - Fast Answers
 - Investor Reports/Publications
 - Tools and Calculators
 - Education Resources
 - Información en Español
 - Contact
- Main Content Area:**
 - ### Trading Halts and Delays

Securities exchanges, such as the New York Stock Exchange (NYSE) as well as the Nasdaq Stock Market, have the authority to halt and delay trading in a security. A trading halt—which typically lasts less than an hour but can be longer—is called during the trading day to allow a company to announce important news or where there is a significant order imbalance between buyers and sellers in a security. A trading delay (or "delayed opening") is called if either of these situations occurs at the beginning of the trading day.

There are two types of trading halts and delays—regulatory and nonregulatory. The most common regulatory halt and delay happen when a company has pending news that may affect the security's price (a "news pending" halt or delay). By halting or delaying trading, market participants can have time to assess the impact of the news. Another type of regulatory halt happens when a market halts trading in a security when there is uncertainty over whether the security continues to meet the market's listing standards. When a regulatory halt or delay is imposed by a security's primary market, the other U.S. markets that also trade the security honor this halt.



OSO / OCO Bracket Orders

Investing Complacency

“Success breeds complacency.
Complacency breeds failure”

Andrew Grove

ETFs vs. Mutual Funds

Feature	ETFs	Funds
Diversified	✓	✓
Index Tracking	✓	✓
Actively Managed	✓	✓
Frequent Portfolio Disclosure	✓	✗
Intraday Trading	✓	✗
Daily Creation/Redemption	✓	✓
NAV-based Trading	✓	✓
Ability to Short Sell	✓	✗
Futures or Options Available	✓	✗

- ▶ The ETF wrapper is more flexible and more transparent than a traditional fund
- ▶ Differences in distribution are also an important consideration
- ▶ Choosing between the two is increasingly a matter of preference and circumstances

Source: Morningstar



Starting Amount	\$50,732.48
After	52 years
Return Rate	10.56 %
Compound	annually ▾
Additional Contribution	\$0

Results

End Balance	\$9,383,906.12
Starting Amount	\$50,732.48
Total Contributions	\$0.00
Total Interest	\$9,333,173.64

Mutual Funds
.44% Fee

Starting Amount	\$52,248.91
After	52 years
Return Rate	10.84 %
Compound	annually ▾
Additional Contribution	\$0

Results

End Balance	\$11,022,906.52
Starting Amount	\$52,248.91
Total Contributions	\$0.00
Total Interest	\$10,970,657.61

ETF
.16% Fee

Starting Amount	\$53,137.42
After	52 years
Return Rate	11 %
Compound	annually ▾
Additional Contribution	\$0

Results

End Balance	\$12,083,572.75
Starting Amount	\$53,137.42
Total Contributions	\$0.00
Total Interest	\$12,030,435.33

No Expense
0% Fee

Tax Efficiency

Exhibit 1 Passive ETFs Have Been Significantly More Tax-Efficient Than Active Mutual Funds

			Fund Years	No of Capital Gains Distributions	Frequency (No of Distributions/Fund Years %)	Magnitude (Avg Yearly Cap Gain Return %)
Diversified Emerging Markets	ETFs	Active	22	3	13.6%	1.8%
		Passive	380	19	5.0%	1.8%
	Mutual Funds	Active	1,513	422	27.9%	1.8%
		Passive	77	10	13.0%	1.8%
Foreign Large Blend	ETFs	Active	26	4	15.4%	1.8%
		Passive	270	18	6.7%	1.8%
	Mutual Funds	Active	1,385	422	30.5%	1.8%
		Passive	257	82	31.9%	1.8%
High Yield Bond	ETFs	Active	36	14	38.9%	1.8%
		Passive	191	33	17.3%	1.8%
	Mutual Funds	Active	1,448	431	29.8%	1.8%
		Passive	3	1	33.3%	1.8%
Intermediate Core Bond	ETFs	Active	16	6	37.5%	1.8%
		Passive	87	28	32.1%	1.8%
	Mutual Funds	Active	880	429	48.8%	1.8%
		Passive	150	103	68.7%	1.8%
Large Blend	ETFs	Active	86	21	24.4%	1.8%
		Passive	662	33	5.0%	1.8%
	Mutual Funds	Active	2,848	1,947	68.3%	1.8%
		Passive	630	426	67.6%	1.8%
Large Growth	ETFs	Active	24	6	25.0%	1.8%
		Passive	397	12	3.0%	1.8%
	Mutual Funds	Active	2,789	2,058	73.8%	1.8%
		Passive	186	121	64.5%	1.8%
Large Value	ETFs	Active	34	1	2.9%	1.8%
		Passive	540	35	6.5%	1.8%
	Mutual Funds	Active	2,598	1,768	68.1%	1.8%
		Passive	138	82	59.4%	1.8%
Mid-Cap Blend	ETFs	Active	9	0	0.0%	1.8%
		Passive	244	13	5.3%	1.8%
	Mutual Funds	Active	794	597	75.2%	1.8%
		Passive	176	159	89.8%	1.8%
Mid-Cap Growth	ETFs	Active	12	5	41.7%	1.8%
		Passive	153	8	5.2%	1.8%
	Mutual Funds	Active	1,300	1,061	81.6%	1.8%
		Passive	87	54	62.1%	1.8%
Mid-Cap Value	ETFs	Active	9	3	33.3%	1.8%
		Passive	182	20	11.0%	1.8%
	Mutual Funds	Active	898	656	73.0%	1.8%
		Passive	11	4	36.4%	1.8%
Small Blend	ETFs	Active	19	6	31.6%	1.8%
		Passive	246	22	9.0%	1.8%
	Mutual Funds	Active	1,392	1,055	75.8%	1.8%
		Passive	215	170	79.1%	1.8%
Small Growth	ETFs	Active	4	0	0.0%	1.8%
		Passive	97	5	5.2%	1.8%
	Mutual Funds	Active	1,442	1,132	78.5%	1.8%
		Passive	31	6	19.4%	1.8%
Small Value	ETFs	Active	0	0	0.0%	1.8%
		Passive	185	8	4.3%	1.8%
	Mutual Funds	Active	1,038	739	71.2%	1.8%
		Passive	51	11	21.6%	1.8%

Source: Morningstar Direct, author's calculations.



Picking Good Managers is Hard

Exhibit 1 Active Funds' Success Rates by Category (%)

Category	YTD	1-Year	3-Year	5-Year	10-Year	15-Year	20-Year	10-Year (Lowest Cost) *	10-Year (Highest Cost)
U.S. Large Blend	34.9	36.1	24.7	13.7	9.5	14.0	13.9	10.0	16.1
U.S. Large Value	49.1	42.1	26.1	18.2	11.5	10.8	16.5	10.0	16.1
U.S. Large Growth	47.8	38.9	33.3	23.9	10.1	9.9	—	10.0	16.1
U.S. Mid-Blend	36.4	34.7	27.9	15.0	15.7	8.0	15.7	10.0	16.1
U.S. Mid-Value	73.9	72.7	46.9	32.5	23.2	43.3	—	10.0	16.1
U.S. Mid-Growth	65.6	63.2	62.4	55.8	39.9	33.9	—	10.0	16.1
U.S. Small Blend	30.2	25.6	23.5	20.4	15.5	8.9	34.3	10.0	16.1
U.S. Small Value	53.0	40.0	26.4	26.3	32.7	31.8	—	10.0	16.1
U.S. Small Growth	63.8	58.0	53.6	51.4	43.6	27.4	—	10.0	16.1
Foreign Large Blend	51.5	50.8	28.7	21.2	20.4	14.3	15.8	10.0	16.1
Foreign Large Value	68.0	66.3	28.3	26.6	31.6	—	—	10.0	16.1
Foreign Small-Mid-Blend	28.1	21.9	9.4	7.1	22.2	—	—	10.0	16.1
World Large Stock	59.7	50.4	39.1	29.3	26.3	29.8	—	10.0	16.1
Diversified Emerging Markets	65.6	65.7	45.6	48.9	44.7	35.4	—	10.0	16.1
Europe Stock	72.2	68.4	46.2	42.9	35.3	31.4	—	10.0	16.1
U.S. Real Estate	80.3	76.0	75.3	66.7	40.2	30.5	23.1	10.0	16.1
Global Real Estate	83.1	76.3	59.4	47.5	53.2	—	—	10.0	16.1
Intermediate Core Bond	39.8	48.3	31.3	28.2	22.9	14.5	8.9	10.0	16.1
Corporate Bond	30.2	36.1	14.0	43.6	40.0	—	—	10.0	16.1
High-Yield Bond	42.4	47.9	43.7	44.4	44.5	—	—	10.0	16.1

Source: Morningstar. Data and calculations as of 6/30/20. * Green/red shading indicates that active funds in this fee quintile had above/below-average success rates.



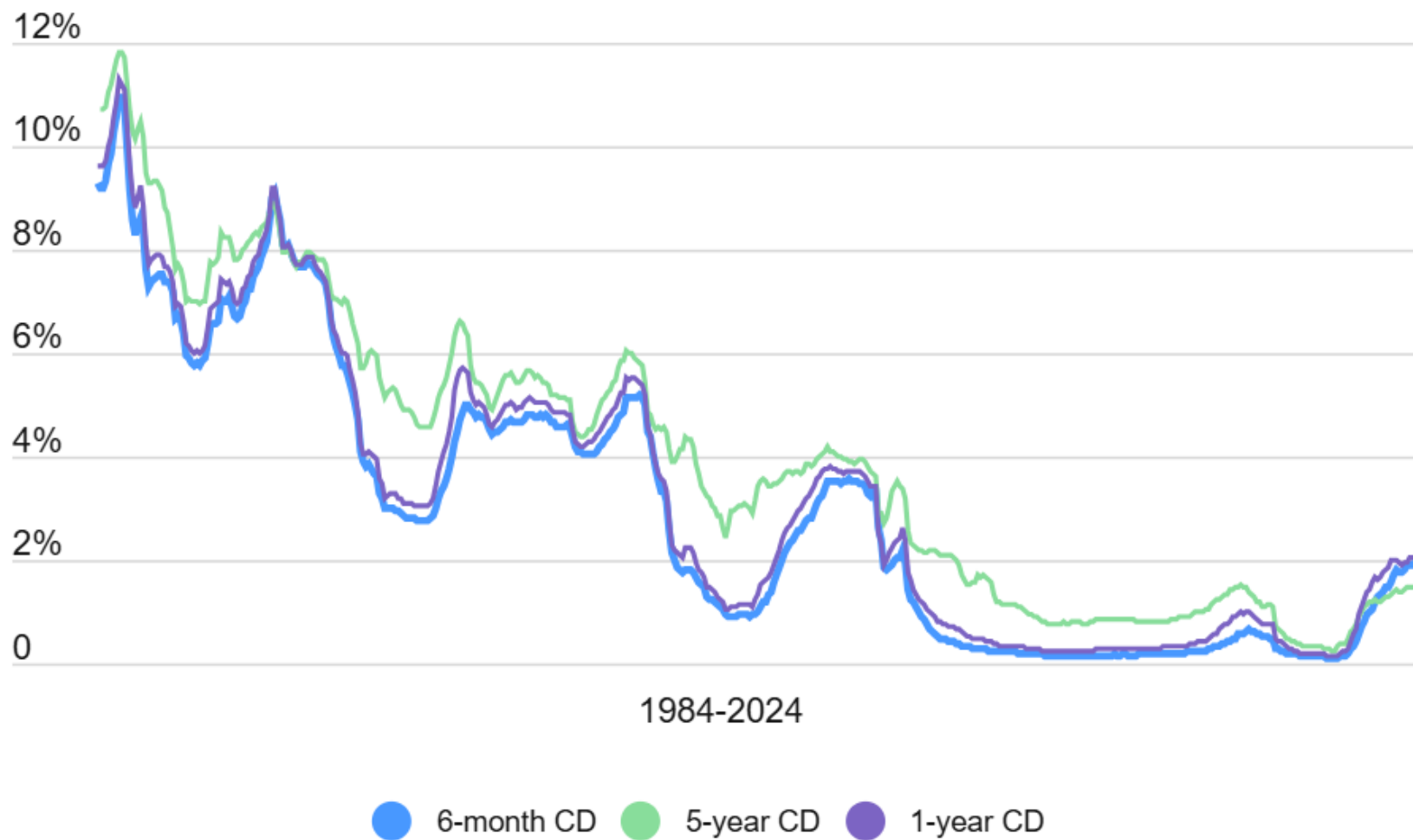
Equity Seasonality

Seasonal Rotation Strategy							
Index	Time Period	November - April	Postive Return	May - October	Postive Return	Return Difference	Up Difference
S&P 500	(1945 - 2017)	6.7%	76%	1.6%	64%	5.1%	12.0%
S&P 500 EW	(1990 - 2017)	9.7%	89%	0.8%	70%	8.9%	19.0%
S&P 600 SC	(1995 - 2017)	9.2%	90%	3.2%	64%	6.0%	26.0%
MSCI - EAFE	(1970 - 2017)	9.1%	81%	-0.3%	49%	9.4%	32.0%
MSCI - EM	(1970 - 2017)	10.6%	83%	0.5%	48%	10.1%	35.0%

Source: CFRA, S&P Dow Jones Indices.

6 Month - Seasonal Rotation Strategy (S&P 500)					
Year	Nov - April Return	May - October Return	Year	Nov - April Return	May - October Return
	6.70%	1.60%		6.70%	1.60%
1945	\$ 1,067	\$ 1,084	1981	\$ 19,510	\$ 19,822
1946	\$ 1,157	\$ 1,175	1982	\$ 21,150	\$ 21,489
1947	\$ 1,254	\$ 1,274	1983	\$ 22,928	\$ 23,295
1948	\$ 1,359	\$ 1,381	1984	\$ 24,856	\$ 25,254
1949	\$ 1,474	\$ 1,497	1985	\$ 26,946	\$ 27,377
1950	\$ 1,598	\$ 1,623	1986	\$ 29,211	\$ 29,678
1951	\$ 1,732	\$ 1,760	1987	\$ 31,667	\$ 32,174
1952	\$ 1,877	\$ 1,908	1988	\$ 34,329	\$ 34,878
1953	\$ 2,035	\$ 2,068	1989	\$ 37,215	\$ 37,811
1954	\$ 2,206	\$ 2,242	1990	\$ 40,344	\$ 40,990
1955	\$ 2,392	\$ 2,430	1991	\$ 43,736	\$ 44,436
1956	\$ 2,593	\$ 2,634	1992	\$ 47,413	\$ 48,171
1957	\$ 2,811	\$ 2,856	1993	\$ 51,399	\$ 52,221
1958	\$ 3,047	\$ 3,096	1994	\$ 55,720	\$ 56,612
1959	\$ 3,304	\$ 3,356	1995	\$ 60,405	\$ 61,371
1960	\$ 3,581	\$ 3,639	1996	\$ 65,483	\$ 66,531
1961	\$ 3,882	\$ 3,944	1997	\$ 70,988	\$ 72,124
1962	\$ 4,209	\$ 4,276	1998	\$ 76,956	\$ 78,188
1963	\$ 4,563	\$ 4,636	1999	\$ 83,426	\$ 84,761
1964	\$ 4,946	\$ 5,025	2000	\$ 90,440	\$ 91,887
1965	\$ 5,362	\$ 5,448	2001	\$ 98,044	\$ 99,612
1966	\$ 5,813	\$ 5,906	2002	\$ 106,286	\$ 107,987
1967	\$ 6,301	\$ 6,402	2003	\$ 115,222	\$ 117,066
1968	\$ 6,831	\$ 6,941	2004	\$ 124,909	\$ 126,908
1969	\$ 7,406	\$ 7,524	2005	\$ 135,410	\$ 137,577
1970	\$ 8,028	\$ 8,157	2006	\$ 146,795	\$ 149,143
1971	\$ 8,703	\$ 8,842	2007	\$ 159,136	\$ 161,682
1972	\$ 9,435	\$ 9,586	2008	\$ 172,515	\$ 175,275
1973	\$ 10,228	\$ 10,392	2009	\$ 187,019	\$ 190,011
1974	\$ 11,088	\$ 11,265	2010	\$ 202,742	\$ 205,985
1975	\$ 12,020	\$ 12,212	2011	\$ 219,786	\$ 223,303
1976	\$ 13,031	\$ 13,239	2012	\$ 238,264	\$ 242,077
1977	\$ 14,126	\$ 14,352	2013	\$ 258,296	\$ 262,428
1978	\$ 15,314	\$ 15,559	2014	\$ 280,011	\$ 284,491
1979	\$ 16,601	\$ 16,867	2015	\$ 303,552	\$ 308,409
1980	\$ 17,997	\$ 18,285	2016	\$ 329,072	
				\$ 334,338	

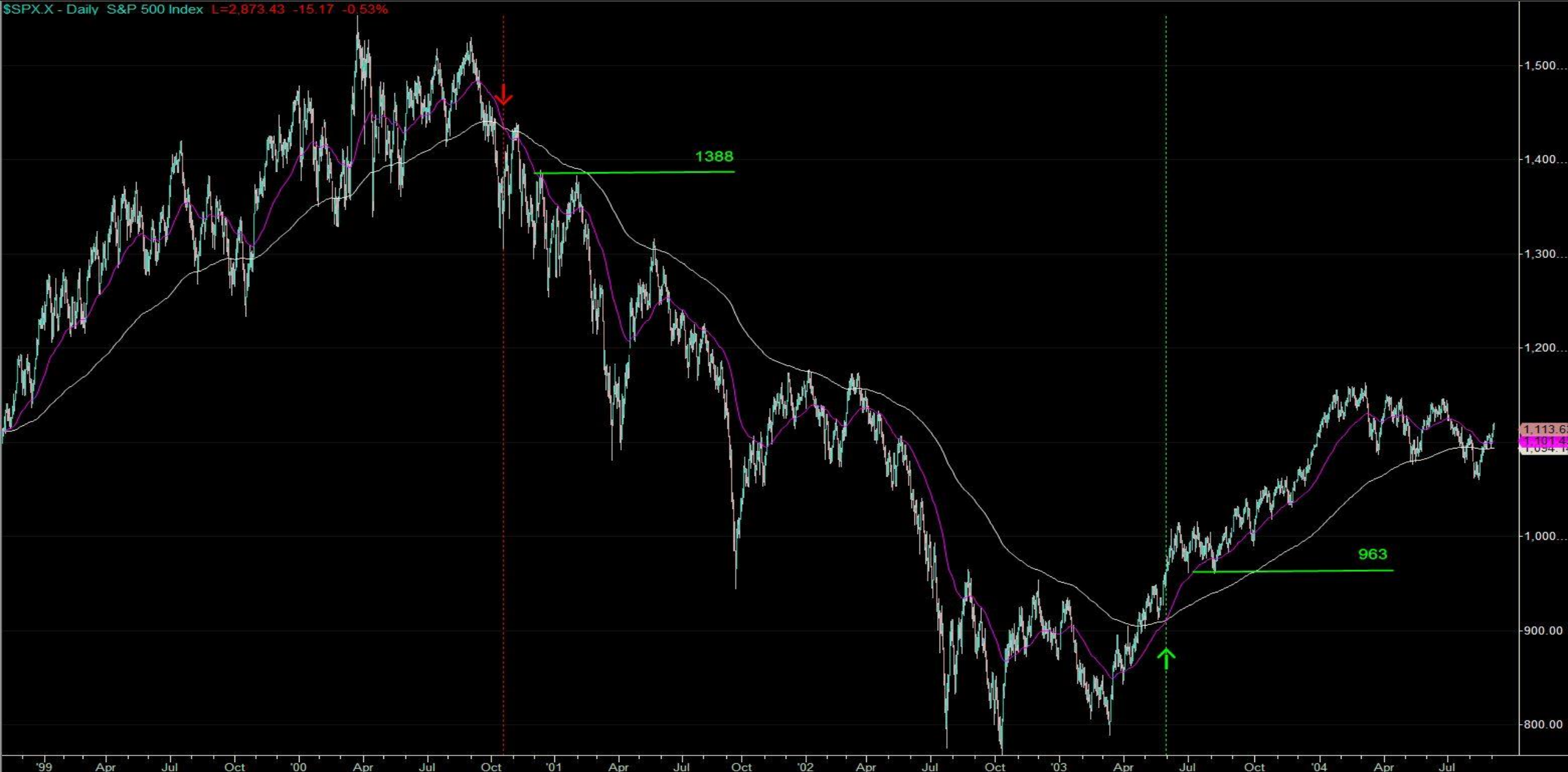
6 Month - Seasonal Rotation Strategy (T-Bills)					
Year	Nov - April Return	May - October Return	Year	Nov - April Return	May - October Return
	6.70%	1.76%		6.70%	1.76%
1945	\$ 1,067	\$ 1,086	1981	\$ 20,647	\$ 21,010
1946	\$ 1,159	\$ 1,179	1982	\$ 22,418	\$ 22,813
1947	\$ 1,258	\$ 1,280	1983	\$ 24,341	\$ 24,770
1948	\$ 1,366	\$ 1,390	1984	\$ 26,429	\$ 26,894
1949	\$ 1,483	\$ 1,509	1985	\$ 28,696	\$ 29,201
1950	\$ 1,610	\$ 1,639	1986	\$ 31,158	\$ 31,706
1951	\$ 1,748	\$ 1,779	1987	\$ 33,830	\$ 34,426
1952	\$ 1,898	\$ 1,932	1988	\$ 36,732	\$ 37,379
1953	\$ 2,061	\$ 2,097	1989	\$ 39,883	\$ 40,585
1954	\$ 2,238	\$ 2,277	1990	\$ 43,304	\$ 44,067
1955	\$ 2,430	\$ 2,473	1991	\$ 47,019	\$ 47,847
1956	\$ 2,638	\$ 2,685	1992	\$ 51,052	\$ 51,951
1957	\$ 2,865	\$ 2,915	1993	\$ 55,432	\$ 56,407
1958	\$ 3,110	\$ 3,165	1994	\$ 60,186	\$ 61,246
1959	\$ 3,377	\$ 3,437	1995	\$ 65,349	\$ 66,499
1960	\$ 3,667	\$ 3,731	1996	\$ 70,955	\$ 72,204
1961	\$ 3,981	\$ 4,051	1997	\$ 77,041	\$ 78,397
1962	\$ 4,323	\$ 4,399	1998	\$ 83,650	\$ 85,122
1963	\$ 4,694	\$ 4,776	1999	\$ 90,825	\$ 92,424
1964	\$ 5,096	\$ 5,186	2000	\$ 98,616	\$ 100,352
1965	\$ 5,533	\$ 5,631	2001	\$ 107,075	\$ 108,960
1966	\$ 6,008	\$ 6,114	2002	\$ 116,260	\$ 118,306
1967	\$ 6,523	\$ 6,638	2003	\$ 126,233	\$ 128,455
1968	\$ 7,083	\$ 7,208	2004	\$ 137,061	\$ 139,473
1969	\$ 7,691	\$ 7,826	2005	\$ 148,818	\$ 151,437
1970	\$ 8,350	\$ 8,497	2006	\$ 161,583	\$ 164,427
1971	\$ 9,067	\$ 9,226	2007	\$ 175,444	\$ 178,532
1972	\$ 9,844	\$ 10,018	2008	\$ 190,493	\$ 193,846
1973	\$ 10,689	\$ 10,877	2009	\$ 206,834	\$ 210,474
1974	\$ 11,606	\$ 11,810	2010	\$ 224,576	\$ 228,528
1975	\$ 12,601	\$ 12,823	2011	\$ 243,840	\$ 248,131
1976	\$ 13,682	\$ 13,923	2012	\$ 264,756	\$ 269,416
1977	\$ 14,856	\$ 15,117	2013	\$ 287,467	\$ 292,526
1978	\$ 16,130	\$ 16,414	2014	\$ 312,125	\$ 317,619
1979	\$ 17,514	\$ 17,822	2015	\$ 338,899	\$ 344,864
1980	\$ 19,016	\$ 19,351	2016	\$ 367,970	
				\$ 374,446	



Source: Bankrate national survey



S&P 500 Crossing Strategy



Dot.com Crash

\$SPX.X - Daily L=2,656.30 -7.69 -0.29%

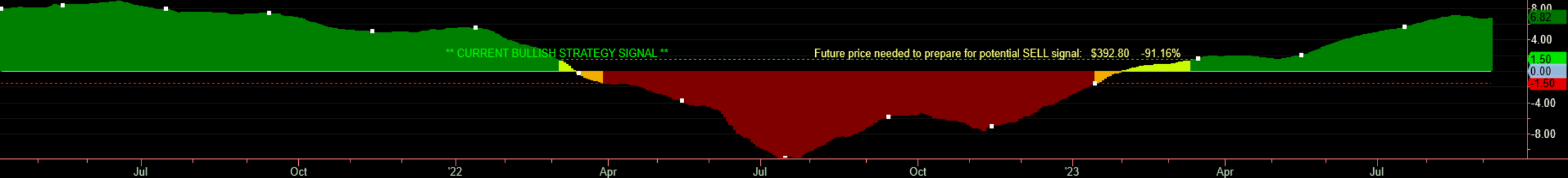
S&P 500 Index



Moving Average – GREAT Recession



COVID Crash



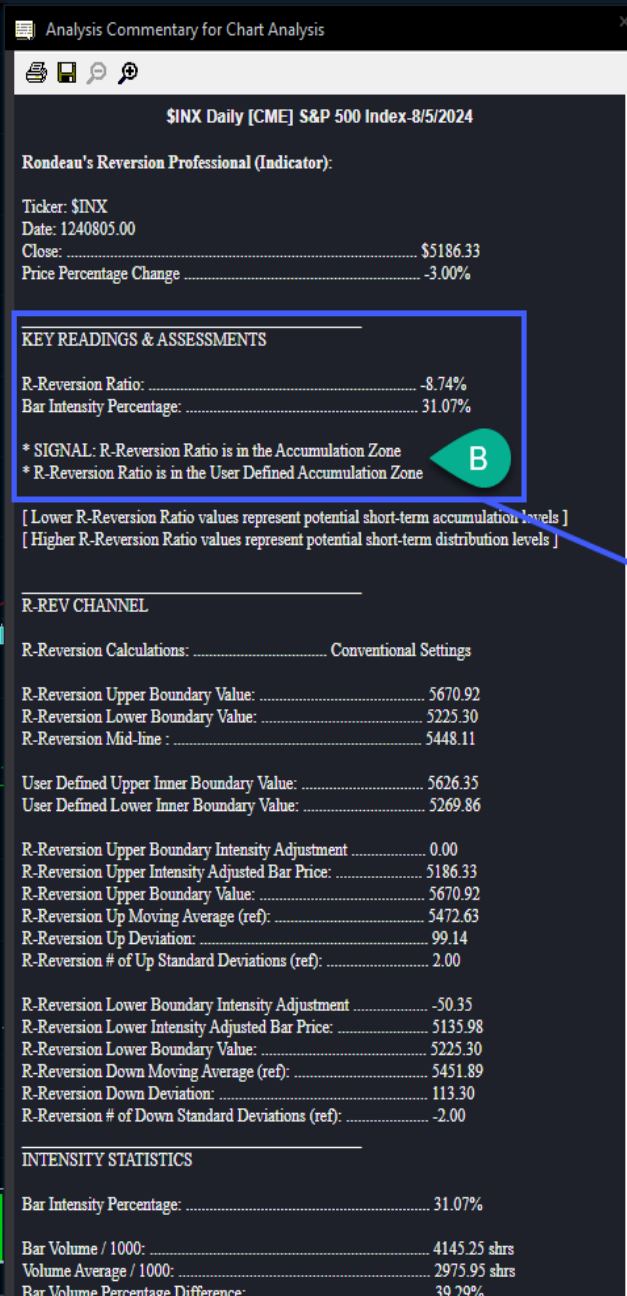
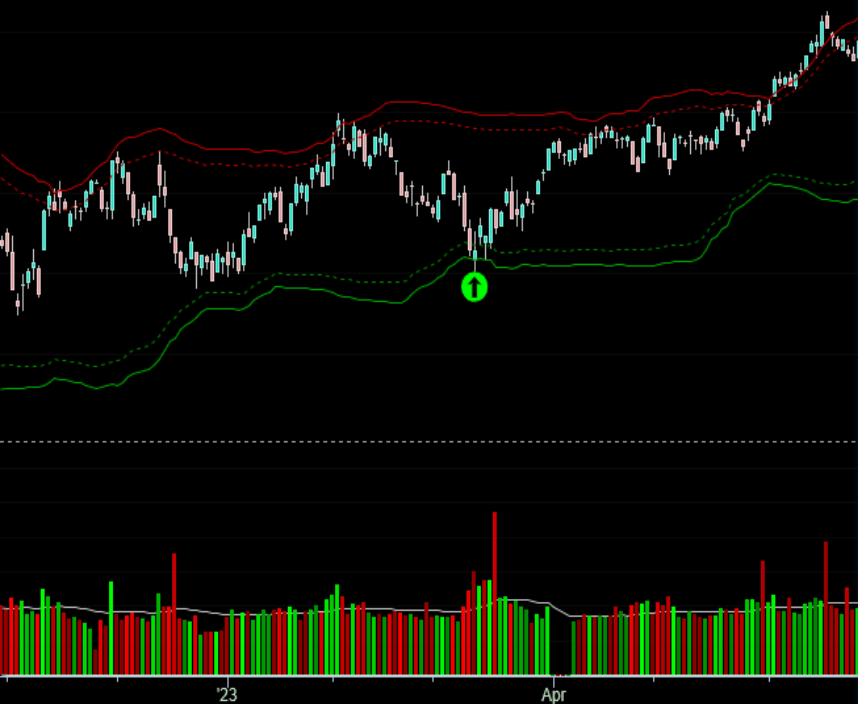
AAll Technical Market Tool

Rondeau's Reversion

R-Reversion Ratio - 58.5%

R-Reversion Ratio - 58.5%

A

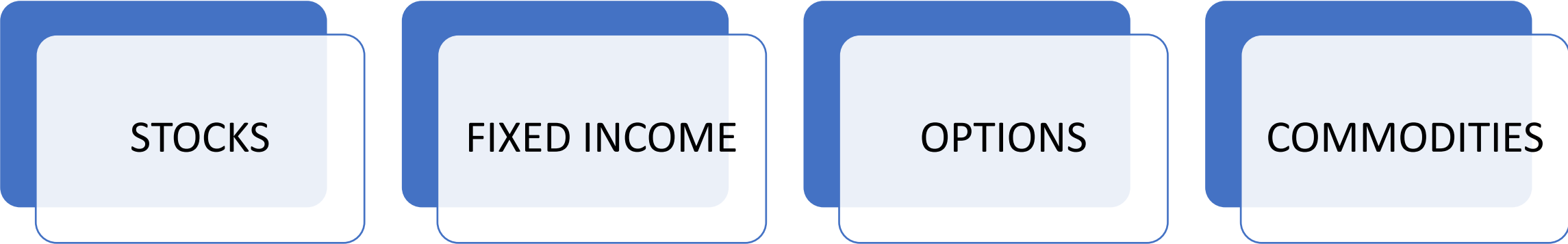


Strategy	Total Return	Avg Trade \$ Return	Avg. Trade % Return	Hit Rate	Profit Factor	K-Ratio	Win / Loss	Max Consect Winners	Max Consect Losers	Average Runup	Average Drawdown	Tot Return/ Max Draw	Entry Efficiency	Exit Efficiency	Ave Trade Length (ref)	Total Trades (ref)	Average Return Per Day	Theoretical Annual Return \$'s	Theoretical Annual Return %
Bollinger Bands	\$ 362,620	\$ 25.98	2.64%	71.2%	2.07	0.5241	0.8400	65	24	\$ 70.52	\$ 84.35	2.321	50.9%	80.4%	57.83 days	13969	\$ 0.457	\$ 166.63	16.66%
R-Reversion +	\$ 388,999	\$ 64.16	6.77%	76.5%	3.36	0.6606	1.0300	114	17	\$ 115.83	\$ 124.32	0.272	54.0%	83.7%	123. days	6063	\$ 0.550	\$ 200.90	20.09%
Benefit Difference	\$ 26,379	\$ 38.18	4.13%	5.3%	1.29	0.1365	0.1900	49	7	\$ 45.31	\$ (39.97)	-2.049	3.1%	3.4%	65 days	-7906	\$ 0.094	\$ 34.272	3.43%
% Assessment	7.27%	146.96%	156.44%	7.39%	62.32%	26.04%	22.62%	75.38%	29.17%	9.57 % Ratio		-88.28%	6.05%	4.18%	112.69%	-56.60%	20.57%	20.57%	20.57%

Strategy	Total Return	Avg Trade \$ Return	Avg. Trade % Return	Hit Rate	Profit Factor	K-Ratio	Win / Loss	Max Consect Winners	Max Consect Losers	Average Runup	Average Drawdown	Tot Return/ Max Draw	Entry Efficiency	Exit Efficiency	Ave Trade Length (ref)	Total Trades (ref)	Average Return Per Day	Theoretical Annual Return \$'s	Theoretical Annual Return %
Stochastics	\$ 303,200	\$ 13.84	1.46%	66.3%	1.66	0.4511	0.8400	38	20	\$ 66.95	\$ 63.12	2.278	57.1%	57.9%	35.63 days	21605	\$ 0.410	\$ 149.56	14.96%
R-Reversion +	\$ 388,999	\$ 64.16	6.77%	76.5%	3.36	0.6606	1.0300	114	17	\$ 115.83	\$ 124.32	0.272	54.0%	83.7%	123. days	6063	\$ 0.550	\$ 200.90	20.09%
Benefit Difference	\$ 85,799	\$ 50.32	5.31%	10.2%	1.70	0.2095	0.1900	76	3	\$ 48.88	\$ (61.20)	-2.006	-3.1%	25.9%	87 days	-15542	\$ 0.141	\$ 51.333	5.13%
% Assessment	28.30%	363.58%	363.70%	15.38%	102.41%	46.44%	22.62%	200.00%	15.00%	-12.9 % Ratio		-88.06%	-5.48%	44.67%	245.21%	-71.94%	34.32%	34.32%	34.32%

Strategy	Total Return	Avg Trade \$ Return	Avg. Trade % Return	Hit Rate	Profit Factor	K-Ratio	Win / Loss	Max Consect Winners	Max Consect Losers	Average Runup	Average Drawdown	Tot Return/ Max Draw	Entry Efficiency	Exit Efficiency	Ave Trade Length (ref)	Total Trades (ref)	Average Return Per Day	Theoretical Annual Return \$'s	Theoretical Annual Return %
RSI	\$ 298,305	\$ 65.68	6.93%	75.8%	3.23	0.5348	1.0300	126	15	\$ 125.48	\$ 121.71	2.278	54.8%	77.9%	152. days	4566	\$ 0.456	\$ 166.41	16.64%
R-Reversion +	\$ 388,999	\$ 64.16	6.77%	76.5%	3.36	0.6606	1.0300	114	17	\$ 115.83	\$ 124.32	0.272	54.0%	83.7%	123. days	6063	\$ 0.550	\$ 200.90	20.09%
Benefit Difference	\$ 90,694	\$ (1.52)	-0.16%	0.7%	0.13	0.1258	0.0000	-12	(2)	\$ (9.65)	\$ (2.61)	-2.006	-0.9%	5.8%	-29 days	1497	\$ 0.094	\$ 34.487	3.45%
% Assessment	30.40%	-2.31%	-2.31%	0.90%	4.02%	23.52%	0.00%	-9.52%	-13.33%	-9.93 % Ratio		-88.06%	-1.55%	7.42%	-19.08%	32.79%	20.72%	20.72%	20.72%

AAll's Active Investing

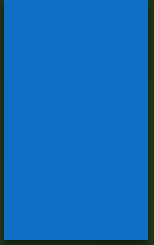


STOCKS

FIXED INCOME

OPTIONS

COMMODITIES

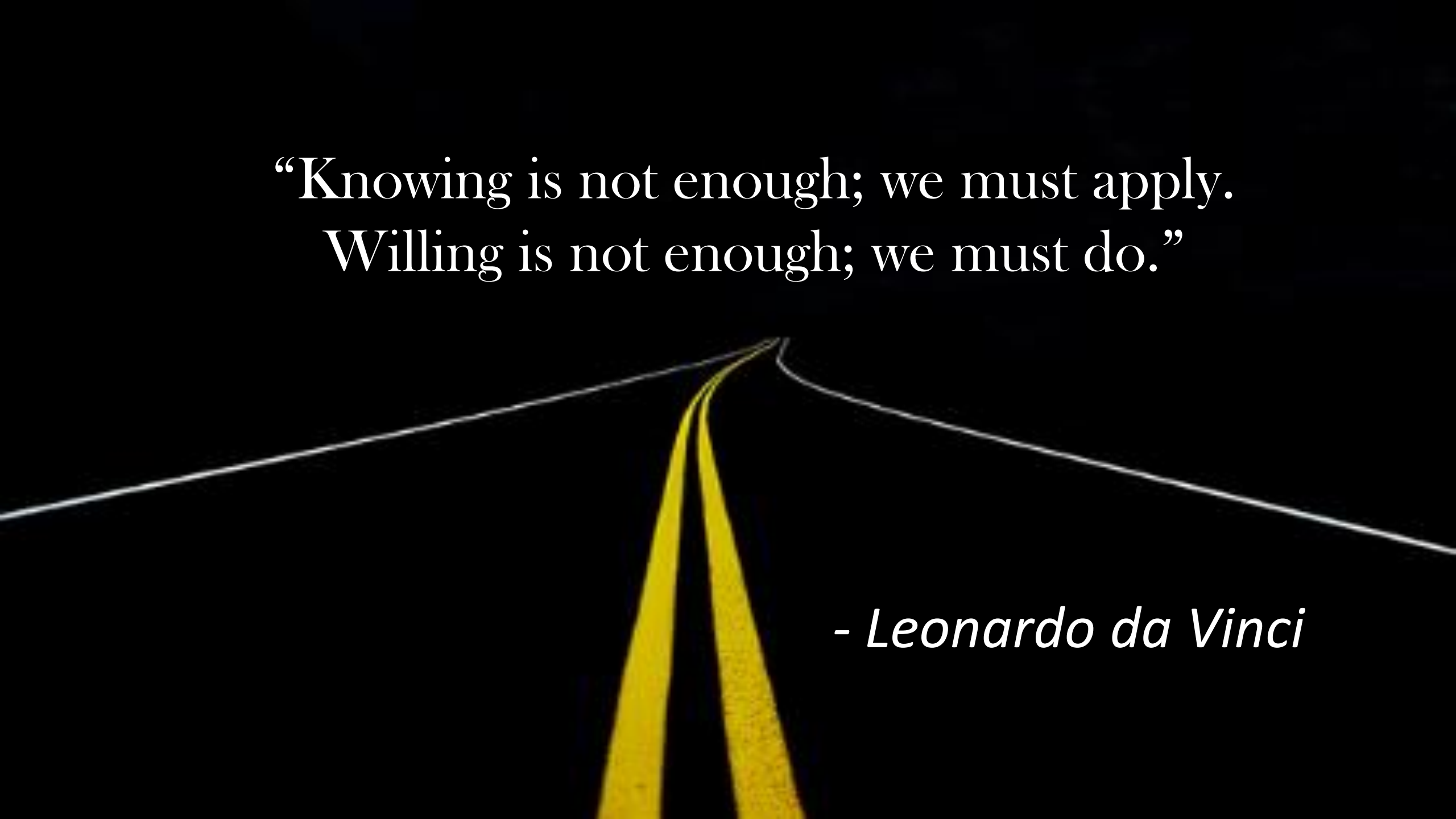


The Key to Improving Investment Performance

SECTION III

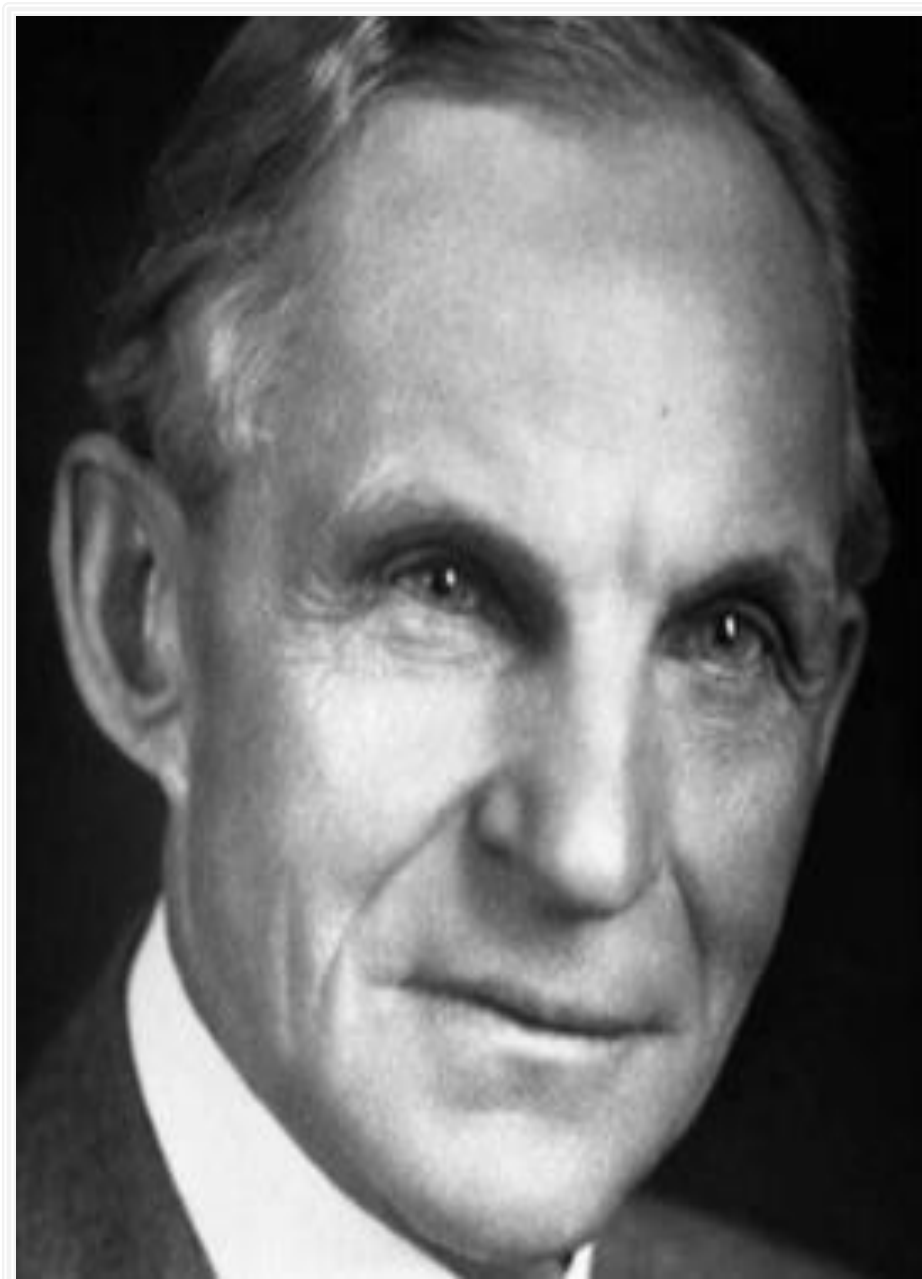
Exploiting the System





“Knowing is not enough; we must apply.
Willing is not enough; we must do.”

- *Leonardo da Vinci*



Those who believe they can do
something and those who believe
they can't are both right.

— Henry Ford —



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