



**EQUITY RISK SCIENCES, INC**  
*Institutional Investment Data Analytics*

# **AN INTRODUCTION TO ERS'S PROPRIETARY DATA ANALYTICS TECHNOLOGIES**

*“Wouldn't it be great if someone used technology  
to make investing safer and more rewarding?”*

Raymond Mullaney  
Founder & CEO

October 16, 2023

# DISCLAIMER & FORWARD-LOOKING LANGUAGE

This presentation shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of these securities in any jurisdiction in which such offer, solicitation or sale would be unlawful. Nothing contained in this presentation should be construed as legal, tax, financial, investment, or other advice.

In addition to historical information, this presentation contains statements relating to the future business performance, future catalysts and future events or developments, strategy, prospects, plans, objectives of management and future operations, and expected market growth of Equity Risk Sciences, Inc. (the “Company,”) that may constitute “forward-looking statements” within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995. The words “believe,” “can make,” “intend,” “could,” “currently,” “will,” “expect” and similar expressions, as they relate to us, are intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy and financial needs. Important factors that could cause actual results to differ from those in the forward-looking statements include but are not limited to the successful commercialization of our risk rating system and solutions, development of our sales and marketing capabilities, our ability to retain key management personnel including our Founder Ray Mullaney as well as Thomas Harpin, acceptance of our solutions by potential customers, the ability of our risk rating systems and solutions to provide valuable information related to a company’s stock price, and intellectual property litigation, and our ability to raise capital necessary for ongoing operations. The statements made herein speak only as of the date of this presentation. The Company’s actual results, performance or achievements could differ materially from the results expressed in, or implied by, these forward-looking statements. The Company undertakes no obligation to update or revise its forward-looking statements to reflect events or circumstances after the date of this presentation, except as required by law.

Market data and industry information used herein are based on our management's knowledge of the industry and the good faith estimates of management. We also relied, to the extent available, upon managements review of independent industry surveys, forecasts and publications and other publicly available information prepared by a number of third-party sources. All of the market data and industry information used herein involves a number of assumptions and limitations which we believe to be reasonable, and you are cautioned not to give undue weight to such estimates. Although we believe that these sources are reliable, we cannot guarantee the accuracy or completeness of this information, and we have not independently verified this information. Projections, assumptions and estimates of our future performance and the future performance of the industry in which we operate are subject to a high degree of uncertainty and risk due to a variety of factors, including those described, above. These and other factors could cause results to differ materially from those expressed in our estimates and beliefs and in the estimates prepared by independent parties. In all cases, you should conduct your own investigation and analysis of the Company and the information contained in this presentation. All estimates and forecasts are subject to change and past results are not necessarily an indication of future performance.

# TABLE OF CONTENTS

ERS: Making Investing Safer and More Rewarding	4	ERS's Technology Beat the S&P 500:	
Why Invest in ERS?	5	9/30/2020 to 9/30/2023 (36 Months)	13
Investors Lost \$8.4 Trillion on Just 60 Companies	6	9/30/2021 to 9/30/2023 (24 Months)	14
In 23 Months, Investors Lost \$180 Billion on These 10 Banks.	7	9/30/2022 to 9/30/2023 (12 Months)	15
Wall Street's Ratings Failed to Assess the Risks of Investing in These 10 Banks	8	Increasing Profits with ERS's FID™ Rating:	
How Technology Is Transforming The Investment Landscape	9	9/30/2022 to 9/30/2023	16
Forbes Interviewed our CEO on May 27, 2020	10	9/30/2021 to 9/30/2023	17
Demonstrating ERS's Capital Preservation Technology over the Past 3 Years	11	ERS's Comprehensive 32-Year Benchmark Performance Study Results	18
Demonstrating ERS's Investment Performance Technology over 24 Years	12	ERS Benchmark Performance Comparison 2-Year Growth of Companies Grouped by ERI™ Rating	19
		Demonstrating the Performance of ERS's "Robo-Advisor" – 12/31/1999 to 12/31/2022	20
		Pioneer Natural Resources (PXD) Report	21-24

# EQUITY RISK SCIENCES, INC.

MAKING INVESTING SAFER AND MORE REWARDING

## The Problem:

Many investors lose substantial portions of their capital.

- In the past 3 years, investors lost at least **\$8.4 trillion** in stocks. ERS presents the names of 60 well-known companies, all highly-rated by Wall Street, that fell an average of 74%, when their average **FID™** rating was **87**.
- **New York Times:** not one of 2,132 mutual funds consistently beat the market over the past 5 years.
- **Bank Stocks:** from 10/31/2021 to 9/30/2023, 10 of the largest bank stocks fell 73%. These stocks were highly-rated by Wall Street prior to their decline. ERS's technology rated each of these stocks with the highest risk possible.

*ERS developed reliable proprietary data analytics that make investing safer and more rewarding.*

## ERS's Core Team:

- **Raymond Mullaney:** President & CEO
- **Thomas Harpin:** Director
- **John Pritchard:** Director

## ERS's Markets

1. **Fiduciaries**  
15,114 SEC-registered investment advisors
2. **RIA firms**  
9,688 RIA firms with AUM of \$25 mil. to \$1 bil.
3. **Retail investors**  
159 million US adult investors
4. **Bank trust companies**
5. **Insurance companies**
6. **Family offices**
7. **Hedge funds**

## Products & Services:

- Proprietary Risk Ratings
- Price-Predictive Tools
- Model Portfolio Testers
- ERS's "Robo-Advisor"
- SaaS-enabled investor websites

# WHY INVEST IN ERS?

ERS has created and independently tested technological products with extraordinary efficacy and therefore extraordinary value to millions of investors. We believe our technology is the most valuable technology in the investment industry.

- 1) **Recent 5-Year Study:** On 10/2/2023, ERS conducted a study of all US-based companies in the past 5 years. The companies which had a FID™ rating under 5 outperformed the S&P 500 Index in 1, 3, 6, 9, and 12 months by an average of **97%**.
- 2) **Benchmark Study:** Our most extensive study, the Benchmark Study, demonstrated:
  - I. **In Falling Markets:** In 83 five-year periods when the S&P 500 **lost an average of -12%**, ERS's portfolios **rose an average of 42%**.
  - II. **In Rising Markets:** In 248 five-year periods when the S&P 500 **rose an average of 76%**, ERS's portfolios **rose an average of 119%**.
  - III. **In all 331 five-year periods,** the S&P 500 **rose an average of 54%**, while ERS's portfolios **rose an average of 100%**.

Investing in **Equity Risk Sciences, Inc.** presents a unique opportunity to participate in the growth of a fintech company with breakthrough technology.

## Funding Goal: \$8 million

A CT and TN-based family office has provided the first \$500,000 in funding at \$5.00 per share and a pre-money valuation of \$41.5 million.

# INVESTORS LOST \$8.4 TRILLION ON JUST 60 COMPANIES

## ERS'S PROPRIETARY RATINGS PROVIDED AN ACCURATE ASSESSMENT OF THE VERY HIGH RISKS OF THESE BANK STOCKS LONG BEFORE THEY FELL

From 9/30/2020 to 9/30/2023, investors lost \$8.4 trillion on these 60 Wall Street favorites from their 3-year highs. These 60 companies had an average FID™ rating at their 3-year highs of **87**, very high-risk.

Company	FID™	Loss	Company	FID™	Loss	Company	FID™	Loss	Company	FID™	Loss
3M	48	-51%	Adobe	98	-60%	Airbnb	100	-62%	Amazon	73	-56%
AMC Enter.	100	-91%	Ameritrust	100	-98%	Applied Mats.	64	-55%	Blackstone	75	-49%
Block	96	-84%	Boeing	71	-57%	Charles Schwab	100	-50%	Charter Comms	72	-63%
Cloudflare	100	-83%	Coinbase Global	78	-91%	Comcast	43	-52%	ContextLogic	100	-97%
Coupang	100	-81%	Crown Castle	100	-53%	Discovery	77	-82%	DocuSign	100	-87%
DoorDash	100	-82%	Estee Lauder	90	-62%	Faraday Future	100	-98%	Fidelity	91	-67%
Ford	70	-55%	General Motors	28	-52%	Illumina	99	-75%	Intel	43	-61%
Lam Research	63	-56%	Lucid Group	100	-90%	Meta	79	-77%	Moderna	100	-80%
Netflix	100	-76%	Nike	79	-53%	P10	79	-98%	Palantir Tech.	100	-85%
Paramount	40	-87%	PayPal	100	-81%	Peloton	97	-97%	PNC	100	-48%
Protective Cap.	100	-98%	Rivian Auto	100	-93%	Robinhood	100	-90%	Roblox	100	-83%
Rock-Tenn	53	-58%	Roku	95	-92%	Salesforce	100	-59%	ServiceNow	100	-51%
SinglePoint	100	-100%	Snap	100	-91%	Snowflake	100	-72%	Target	43	-56%
Tesla	96	-73%	Truist Financial	100	-59%	Twilio	100	-90%	U.S. Bancorp	100	-52%
Uber	100	-68%	Unity Software	100	-89%	Walt Disney	84	-60%	Zoom	100	-89%

Investors suffer significant losses because they do not have objective, accurate and reliable ratings for stocks.

**ERS solves this problem with its stock risk ratings.**

# IN 23 MONTHS, INVESTORS LOST \$180 BILLION ON THESE 10 BANKS.

## ERS'S PROPRIETARY RATINGS PROVIDED AN ACCURATE ASSESSMENT OF THE VERY HIGH RISKS OF THESE BANK STOCKS LONG BEFORE THEY FELL

On 10/31/2021, ERS's average **PRI™** rating on these 10 banks was **88, very high risk**.  
On 10/31/2021, ERS's average **FID™** rating on these 10 banks was **100, the worst possible rating**.

From 10/31/2021 to 9/30/2023, the average price of these 10 large Regional Banks fell 73%.  
Prior to declining, fourteen (14) of Wall Street's largest brokerage firms gave them "buy" ratings.

Bank Name	PRI™ Rating 10/31/21	FID™ Rating 10/31/21	Price Loss 10/31/21 to 9/30/23
Comerica	83	100	-46%
First Republic	100	100	-98%
KeyCorp	68	100	-49%
PacWest Bancorp	87	100	-83%
Signature Bank	100	100	-100%
Silvergate Bank	99	100	-99%
SVB Financial	90	100	-100%
Truist Financial	72	100	-50%
Western Alliance	100	100	-59%
Zions Bancorp	77	100	-41%
<b>Total</b>	<b>88</b>	<b>100</b>	<b>-73%</b>

**Equity Risk Sciences, Inc. uses data science to produce statistical analyses of the probability and magnitude of the price changes of individual securities.**

# WALL STREET'S RATINGS FAILED TO PROVIDE AN ACCURATE ASSESSMENT OF THE RISKS OF INVESTING IN THESE BANKS

Stock	Date	Price	Brokerage	Price Target	Rating	Loss to 9/30/23
Comerica	1/20/22	\$93.54	RBC Capital	\$112	Outperform	<b>-56%</b>
Comerica	1/20/22	\$93.54	Wedbush	\$102	Outperform	<b>-56%</b>
Comerica	1/20/22	\$93.54	Raymond James	\$106	Outperform	<b>-56%</b>
First Republic	1/18/22	\$179.94	Evercore ISI Group	\$220	Outperform	<b>-98%</b>
First Republic	12/15/21	\$205.78	J.P. Morgan	\$250	Overweight	<b>-98%</b>
First Republic	4/14/22	\$160.75	Morgan Stanley	\$180	Equal-Weight	<b>-98%</b>
First Republic	4/8/22	\$158.13	UBS	\$194	Buy	<b>-98%</b>
KeyCorp	1/13/22	\$26.70	UBS	\$32	Buy	<b>-60%</b>
KeyCorp	12/15/21	\$23.11	B of A Securities	\$27	Buy	<b>-53%</b>
KeyCorp	4/11/22	\$20.86	Wells Fargo	\$27	Overweight	<b>-48%</b>
PacWest Banc	1/21/22	\$48.17	Raymond James	\$62	Strong Buy	<b>-84%</b>
PacWest Banc	6/15/22	\$27.37	Truist Securities	\$35	Buy	<b>-71%</b>
PacWest Banc	10/21/22	\$21.98	RBC Capital	\$31	Outperform	<b>-64%</b>
Signature Bank	1/19/22	\$351.43	Goldman Sachs	\$429	Buy	<b>-100%</b>
Signature Bank	1/19/22	\$351.43	Raymond James	\$440	Strong Buy	<b>-100%</b>
Signature Bank	6/6/22	\$223.35	UBS	\$309	Buy	<b>-100%</b>

Stock	Date	Price	Brokerage	Price Target	Rating	Loss to 9/30/23
Silvergate Cap	3/21/22	\$139.96	B of A Securities	\$200	Buy	<b>-99%</b>
Silvergate Cap	1/20/22	\$109.34	Goldman Sachs	\$166	Buy	<b>-99%</b>
Silicon Valley Bk	1/21/22	\$581.76	Raymond James	\$780	Outperform	<b>-100%</b>
Silicon Valley Bk	7/23/21	\$570.87	RBC Capital	\$700	Outperform	<b>-100%</b>
Silicon Valley Bk	9/17/21	\$610.41	Wedbush	\$700	Outperform	<b>-100%</b>
Silicon Valley Bk	10/1/21	\$664.53	Goldman Sachs	\$770	Buy	<b>-100%</b>
Silicon Valley Bk	12/6/21	\$693.39	Morgan Stanley	\$985	Equal-Weight	<b>-100%</b>
Truist Financial	1/19/22	\$64.58	UBS	\$77	Buy	<b>-56%</b>
Truist Financial	4/7/21	\$59.43	Raymond James	\$65	Outperform	<b>-52%</b>
Truist Financial	9/12/22	\$49.54	Deutsche Bank	\$61	Buy	<b>-42%</b>
Western Alliance	4/25/22	\$80.20	Wedbush	\$105	Outperform	<b>-43%</b>
Western Alliance	6/15/22	\$72.86	Truist Securities	\$100	Buy	<b>-37%</b>
Zions Bancorp	2/14/22	\$72.36	Jefferies	\$87	Buy	<b>-52%</b>
Zions Bancorp	1/14/22	\$70.65	Compass Point	\$80	Buy	<b>-51%</b>
Zions Bancorp	1/6/22	\$68.94	Raymond James	\$76	Strong Buy	<b>-49%</b>



## HOW TECHNOLOGY IS TRANSFORMING THE INVESTMENT LANDSCAPE

BILAL MAJBOUR

“One of the most important benefits of this technology is the ability to quickly identify potential investments and make decisions based on **data-driven insights**. These systems are also able to generate trading signals that can be used to enter and exit positions with greater precision and accuracy, reducing the risk of losses. In the future, the financial markets will be unrecognizable from the ones we know today, and technology will be the driving force behind the changes. The potential of these advancements in the financial markets is immense, and it is likely to continue to disrupt and transform the investment landscape in the years to come.

“By understanding the opportunities presented through innovation, you can make the most of your investments and capitalize on a new financial landscape. The future of the financial markets is one of evolution and change, and technology is leading the way. As a leader, to help create a business culture of adaptability, make sure to focus on your long-term vision and objectives. Embrace change, adapt to new environments, encourage creativity, focus on customer service and develop data-driven approaches to decision-making. Thinking that can hold investors back includes focusing too much on short-term gains instead of long-term success—and relying on instinct or gut feelings instead of data-driven results.”

---

### **Equity Risk Sciences' Technology is Improving Investment Performance with Big-Data Statistical Sciences:**

Bilal Majbour never interviewed Ray Mullaney. But if he had interviewed Ray 10 years ago, Ray would have told him exactly what he wrote about. 23 years ago, Ray started down the path of using the full power of technology and big data to make investing safer and more rewarding. Today, we are proud to present a few highlights of our technology. For the past 10 years we've been building what we believe is the most effective, reliable and therefore most valuable investment technology in the industry.

ERS uses data science technology to quantify and reliably rate the probability and magnitude of individual stocks' price changes.

We believe ERS's technology is extremely valuable to retail and institutional investors. In 2023, after raising sufficient capital, we will begin the process of monetizing our discoveries and our technology.

We have thousands of additional pages of analysis for your examination. We welcome your inquiries.

Lawrence Carrel Contributor ©  
*I'm a journalist who covers finance and investing.*

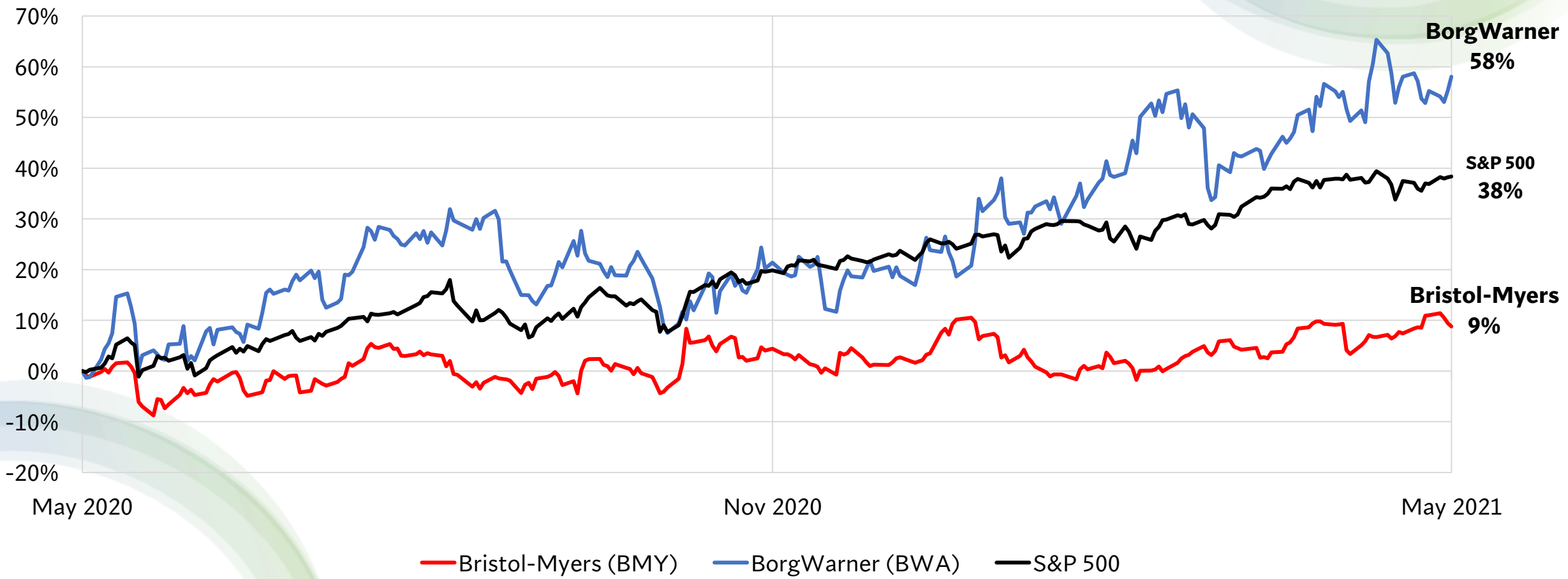
Forbes interviewed Raymond Mullaney on May 27, 2020 and asked him to identify a very favorably-rated stock and a very poorly-rated stock using ERS's technology. Below are quotes from that interview and a summary of the results.

**Bristol Myers (BMY)** "is a high-risk company [with] an FRI™ (Financial Risk) ... of **95** and a PRI™ of **92**".

**BorgWarner (BWA)** is a "strong company with an extremely low risk profile... With an FRI™ of **22** and a PRI™ of **15**."

One year after the Forbes article was published, **BorgWarner rose 58%**, while **Bristol-Myers only rose 9%** and the S&P 500 was up 38%.

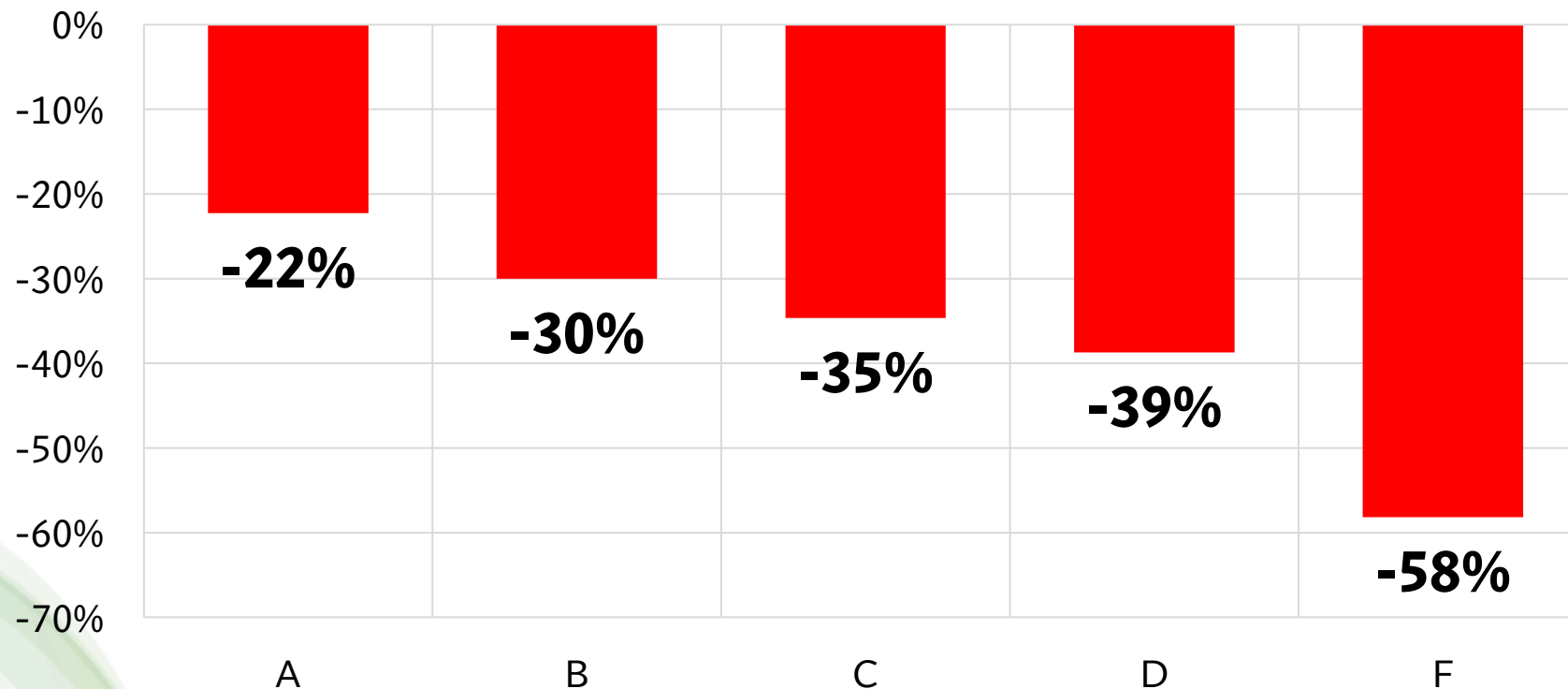
### Price Performance, 5/27/2020 to 5/27/2021



# DEMONSTRATING ERS'S CAPITAL PRESERVATION TECHNOLOGY OVER THE PAST 3 YEARS

In the past 3 years, 843 large US-traded stocks fell over 50%.  
ERS's proprietary **FID™** rating on these stocks averaged a **high-risk 85**.  
Further, the companies that fell 90% or more had an average **FID™** rating of **98**.

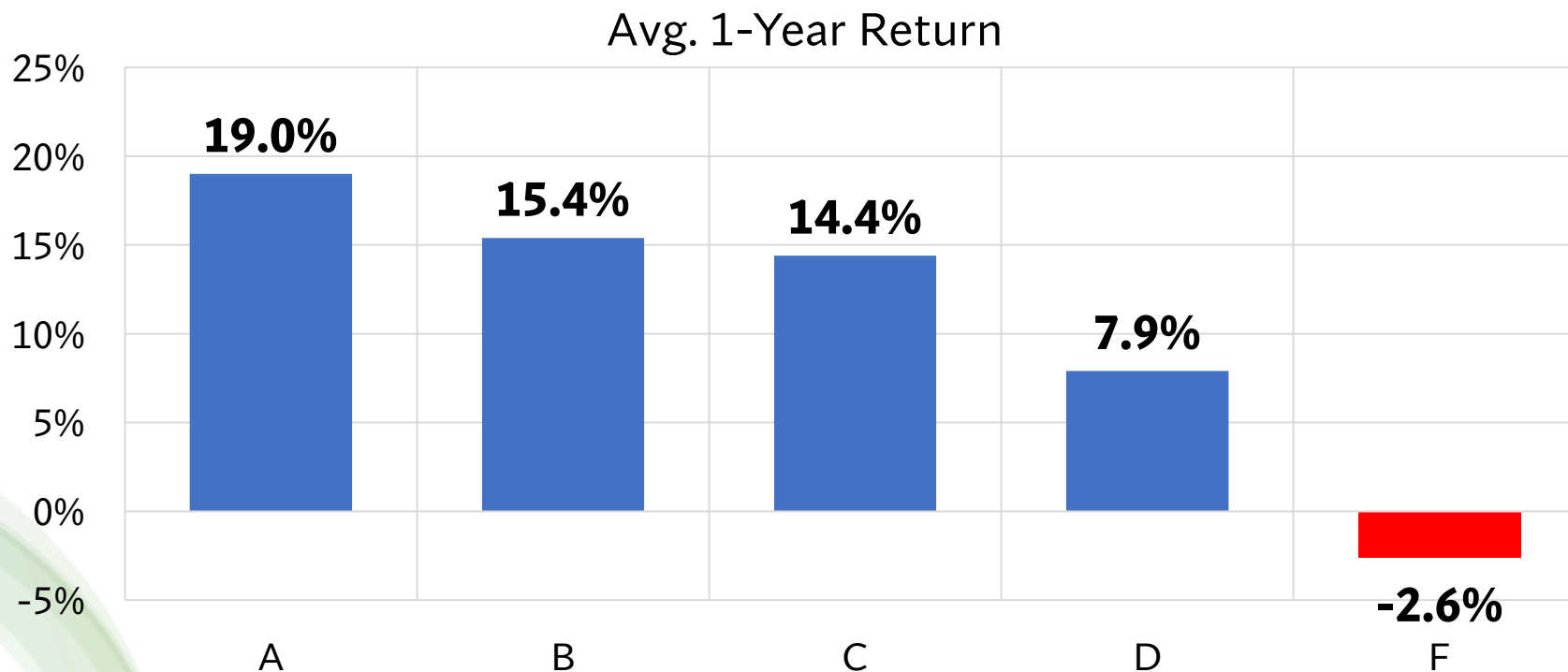
Average Loss from 3-Year High



# DEMONSTRATING ERS'S INVESTMENT PERFORMANCE TECHNOLOGY OVER 24 YEARS

## Study of Portfolios Held for 1 Year

ERS's Ratings	A	B	C	D	F
<b>Avg ERS Portfolio Return</b>	<b>19.0%</b>	<b>15.4%</b>	<b>14.4%</b>	<b>7.9%</b>	<b>-2.6%</b>
<b>Avg. S&amp;P 500 Return</b>	<b>8.5%</b>	<b>8.5%</b>	<b>8.5%</b>	<b>8.5%</b>	<b>8.5%</b>



# ERS's TECHNOLOGY BEAT THE S&P 500

9/30/2020 TO 9/30/2023 (36 MONTHS)

<b>ERS Portfolio:</b>	<b>+114.3%</b>
S&P 500:	<b>+33.6%</b>
Fidelity Blue Chip Growth Fund:	<b>+19.1%</b>
American Funds Growth Fund:	<b>+15.2%</b>

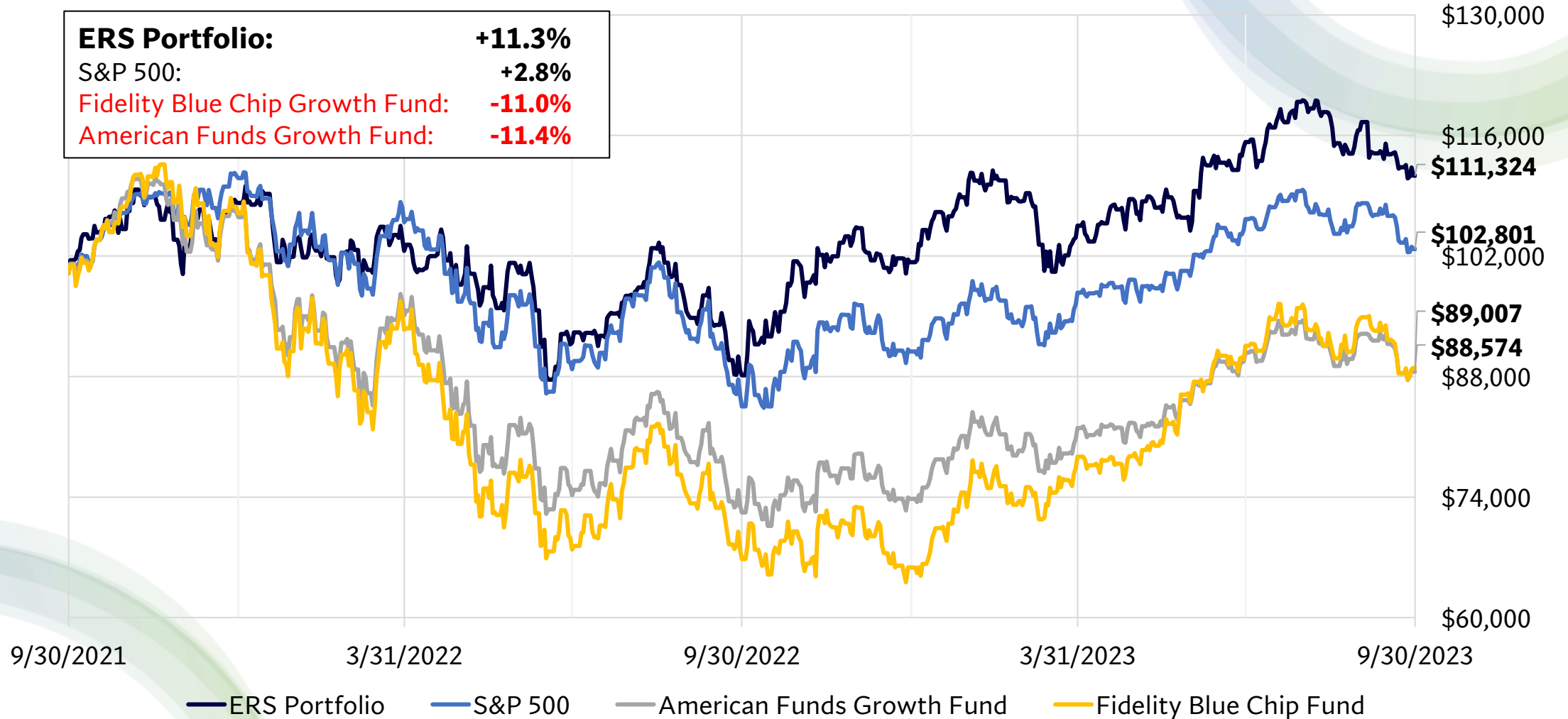


\*ERS's portfolio consisted of 44 companies with FID™ ratings under 15.

# ERS's TECHNOLOGY BEAT THE S&P 500

9/30/2021 TO 9/30/2023 (24 MONTHS)

<b>ERS Portfolio:</b>	<b>+11.3%</b>
S&P 500:	<b>+2.8%</b>
Fidelity Blue Chip Growth Fund:	<b>-11.0%</b>
American Funds Growth Fund:	<b>-11.4%</b>

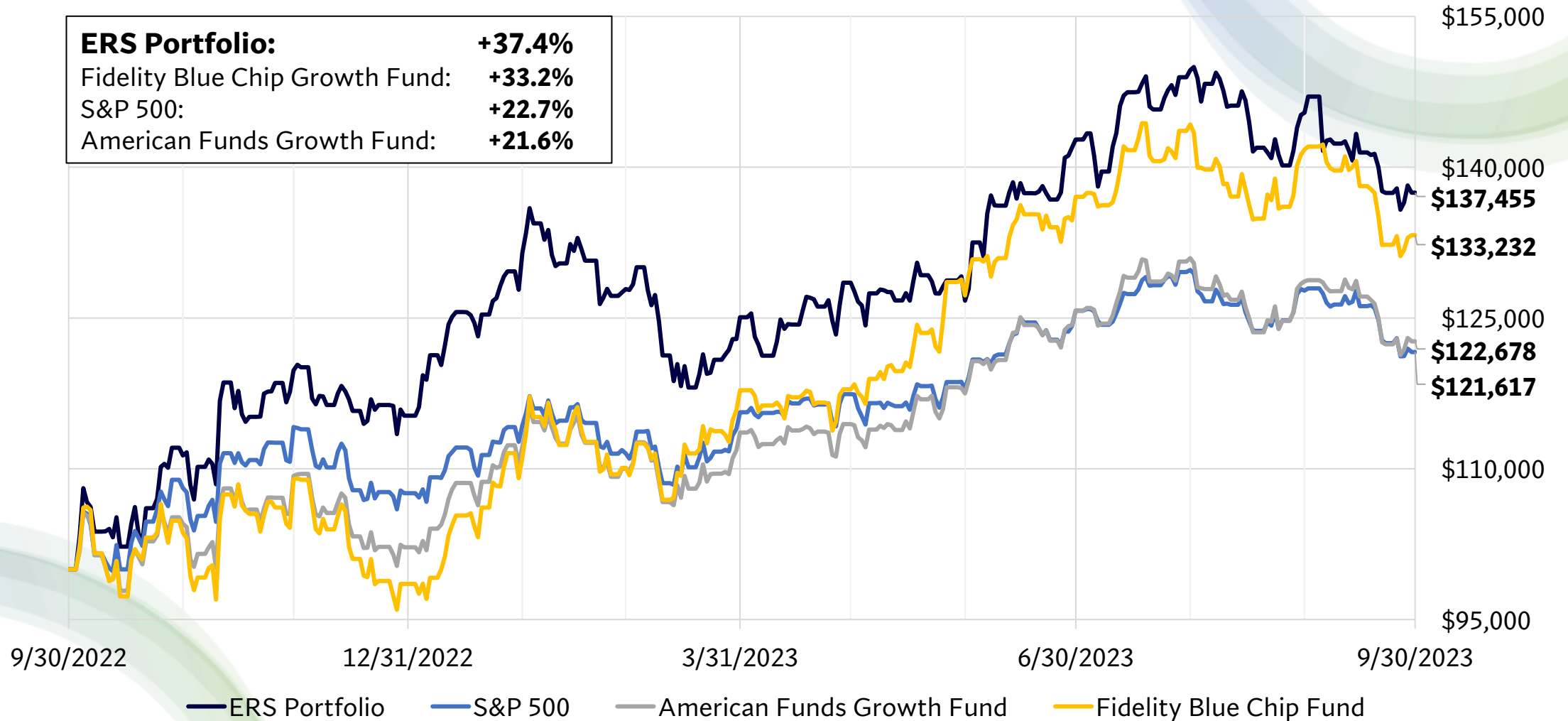


\*ERS's portfolio consisted of 38 companies with FID™ ratings under 15.

# ERS's TECHNOLOGY BEAT THE S&P 500

9/30/2022 TO 9/30/2023 (12 MONTHS)

<b>ERS Portfolio:</b>	<b>+37.4%</b>
Fidelity Blue Chip Growth Fund:	<b>+33.2%</b>
S&P 500:	<b>+22.7%</b>
American Funds Growth Fund:	<b>+21.6%</b>



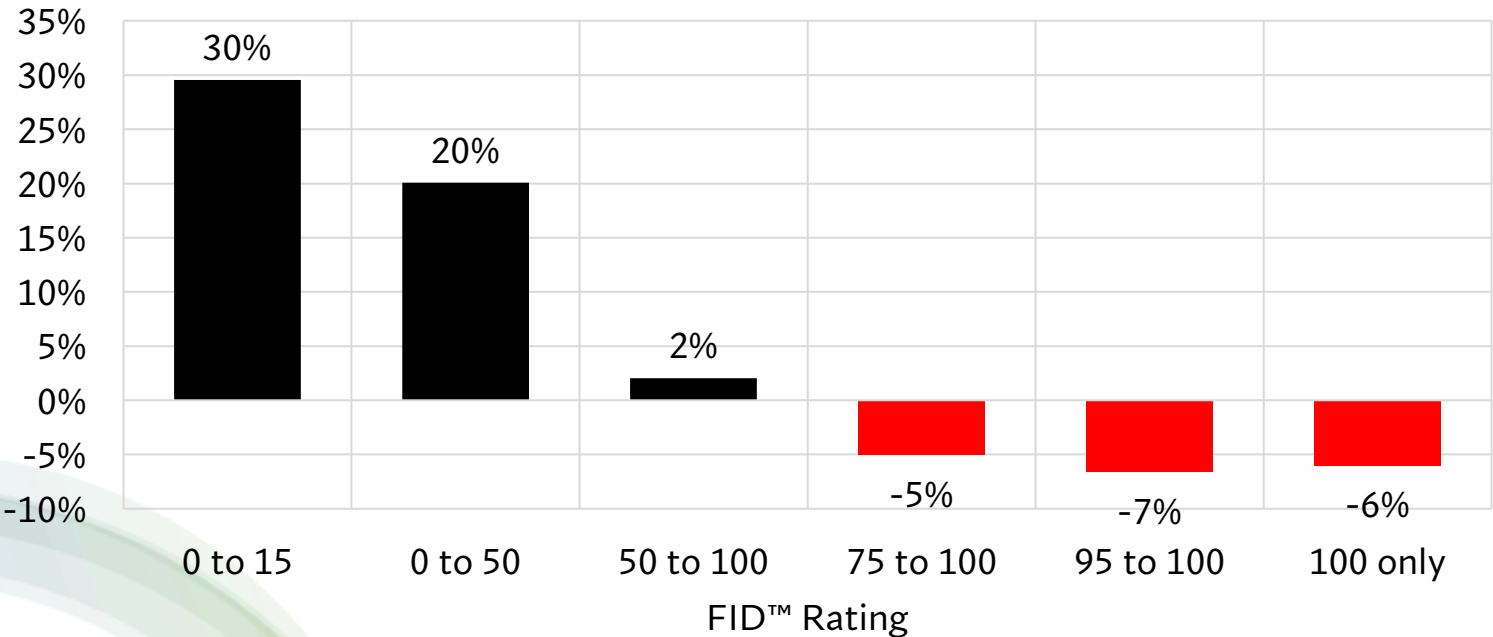
\*ERS's portfolio consisted of 42 companies with FID™ ratings under 12.

# INCREASING PROFITS WITH ERS'S FID™ RATING

9/30/2022 TO 9/30/2023

On 9/30/2022, there were 2,535 US-headquartered companies with at least a \$500 million market cap. This study demonstrates that companies with the most favorable FID™ ratings outperformed companies with poor FID™ ratings when held from 9/30/22 to 9/30/23.

1-Year Return



FID™ Rating	# Co's	1-Year Return
0 to 15	104	30%
0 to 50	1,067	20%
50 to 100	1,468	2%
75 to 100	878	-5%
95 to 100	706	-7%
100 only	683	-6%
S&P 500		22%
NASDAQ		26%

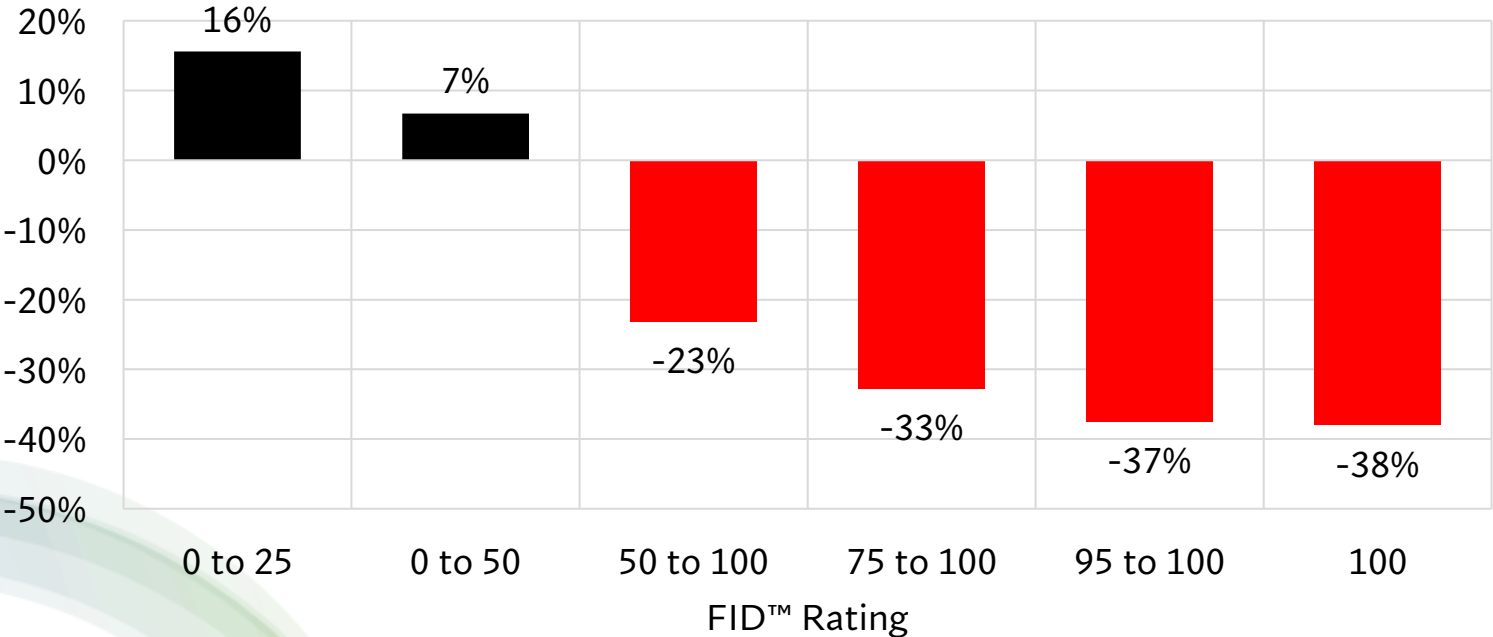


# INCREASING PROFITS WITH ERS'S FID™ RATING

9/30/2021 TO 9/30/2023

On 9/30/2021, there were 2,932 US-headquartered companies with at least a \$500 million market cap. This study demonstrates that companies with the most favorable FID™ ratings outperformed companies with poor FID™ ratings when held from 9/30/21 to 9/30/23.

2-Year Return



FID™ Rating	# Co's	1-Year Return
0 to 25	148	16%
0 to 50	882	7%
50 to 100	2,050	-23%
75 to 100	1,365	-33%
95 to 100	1,091	-37%
100 only	1,026	-38%
S&P 500		3%
NASDAQ		-7%

# ERS's COMPREHENSIVE 32-YEAR BENCHMARK PERFORMANCE STUDY RESULTS

Below are the results of employing ERS's predictive analytics technology over the 331 5-year periods from 12/31/1988 to 6/30/2021.

***We know of no other technology that has demonstrated such positive performance results.***

## **In Falling Periods:**

The S&P 500 fell in 83 out of 331 5-year periods; its average decline was -11.7%, while ERS's portfolios fell just 6 times, producing an average gain of 42.4%.

## **In Rising Periods:**

The S&P 500 rose in 248 out of 331 5-year periods; its average gain was 76.4%, while ERS's portfolios produced an average gain of 119.1%.

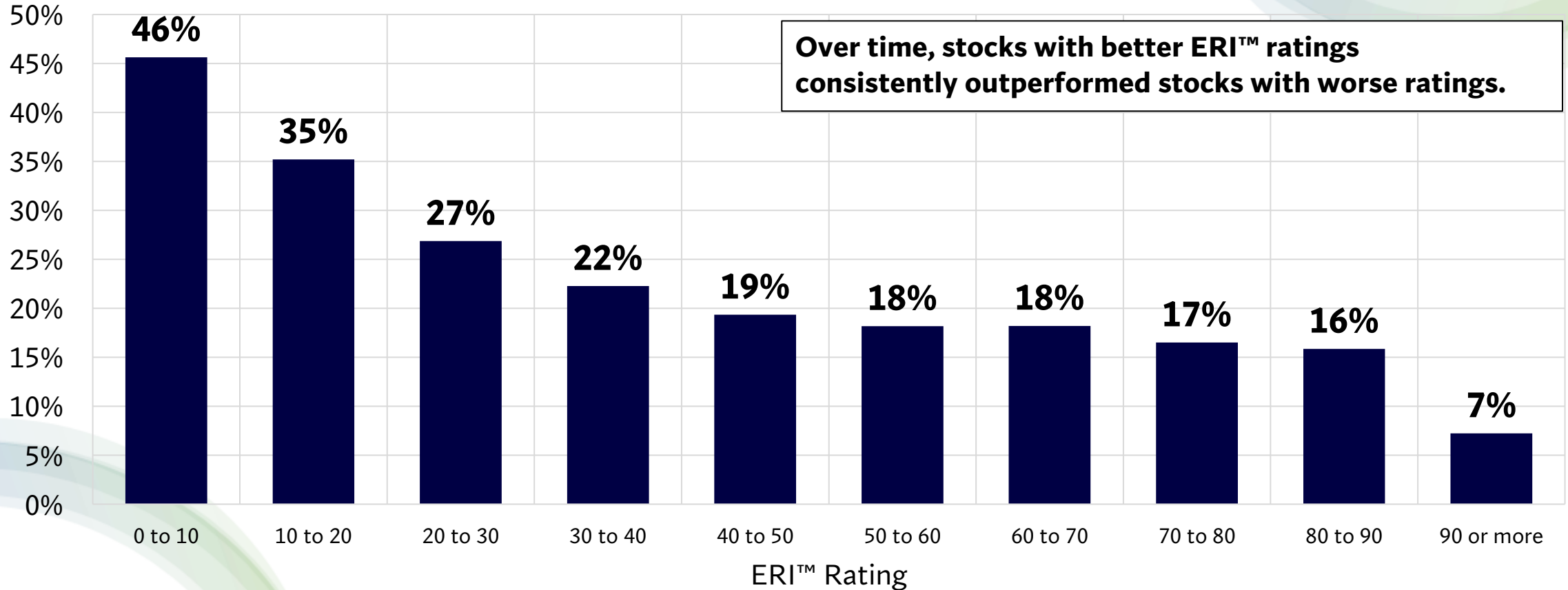
## **In All 331 5-Year Periods:**

The S&P 500's average gain was 54.3%, while ERS's portfolios produced an average gain of 99.8%.

# ERS BENCHMARK PERFORMANCE COMPARISON

## 2-YEAR GROWTH OF COMPANIES GROUPED BY ERI™ RATING

### Average 2-Year Buy-and-Hold Return over 32 ½ Years

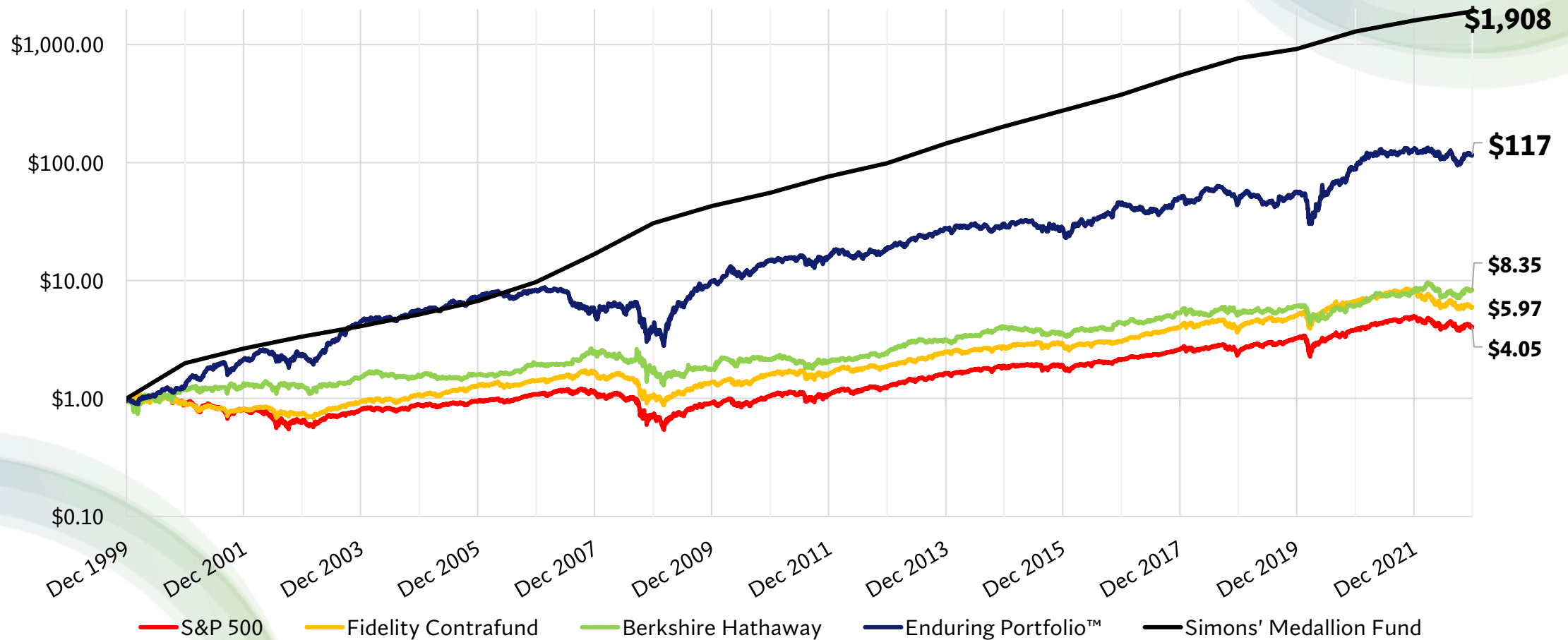


*\*Study included 3,722 companies rated a total of 330,093 times at the end of each month between 12/31/1988 and 6/30/2019, a total of 367 periods.*

# DEMONSTRATING THE PERFORMANCE OF ERS'S "ROBO-ADVISOR"

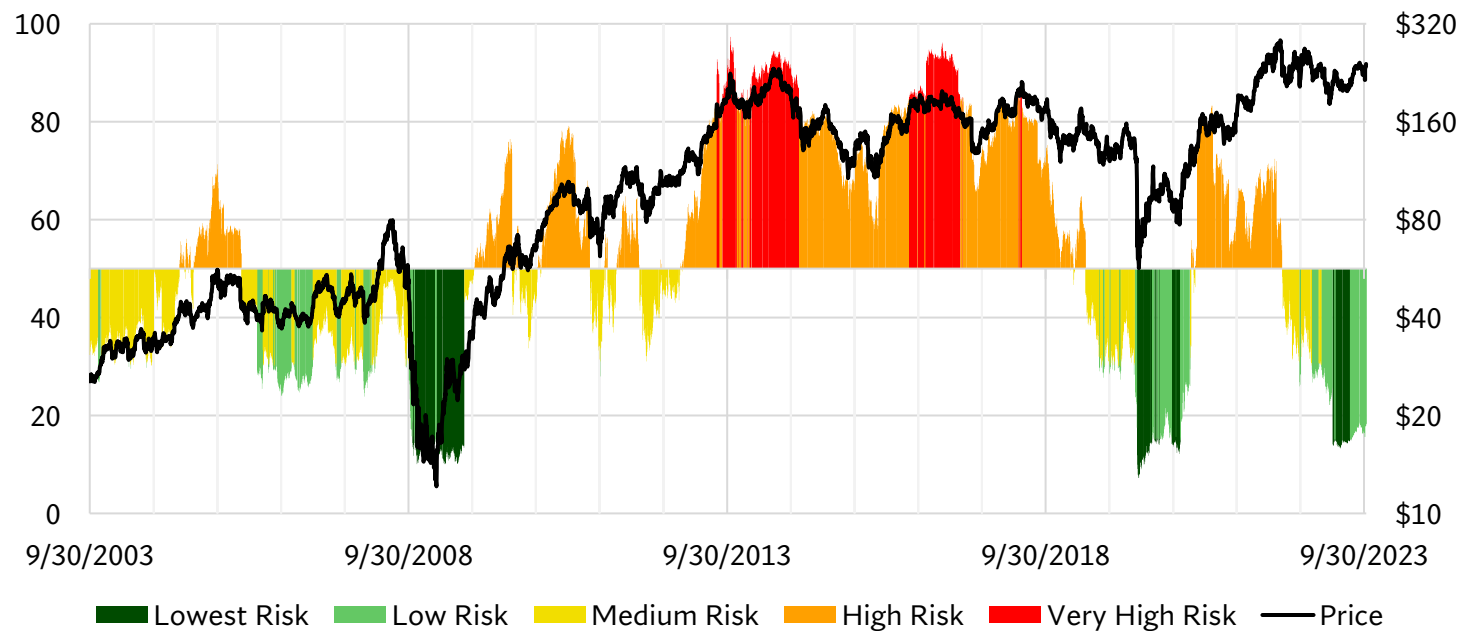
## 12/31/1999 TO 12/31/2022

With ERS's prototype robo-advisor, a theoretical portfolio starting with \$1 million would have grown to \$117 million, an annual return of 23% per year for 23 years.



# PIONEER NATURAL RESOURCES (PXD) REPORT

Pioneer Natural Resources (PXD) Price and FID™ Rating  
9/30/2003 to 9/30/2023



ERS uses data science to calculate the statistical probability and magnitude of future stock price changes.

Date	Price	FID™ Rating	Gain (Loss)
3/9/09	\$12.10	16	<b>+1,826%</b>
6/25/14	\$233.07	94	
6/25/14	\$233.07	94	<b>-76%</b>
3/18/20	\$56.77	7	
3/18/20	\$56.77	7	<b>+304%</b>
9/30/23	\$229.55	17	

ERS's FID™ ratings range from 0 to 100, where 0 indicates the highest statistical probability and magnitude of future stock price gains and 100 indicates the highest statistical probability and magnitude of future stock price losses.

## Notable Dates in Pioneer's Stock History

**11/17/2008:** Pioneer had a \$2.56 billion market cap and a low-risk FID™ rating of 10. One year later, Pioneer's market cap was **95% higher** at \$5.02 billion.

**6/30/2013:** Pioneer had a market cap of \$32.9 billion and a FID™ rating of 94, indicating extremely high risk. One year later the company's market value fell to \$20.7 billion, a **37% loss**.

**9/30/2020:** Pioneer had a market cap of \$14.1 billion and a FID™ of 14. One year later, the market cap **increased 187%** to \$40.7 billion.

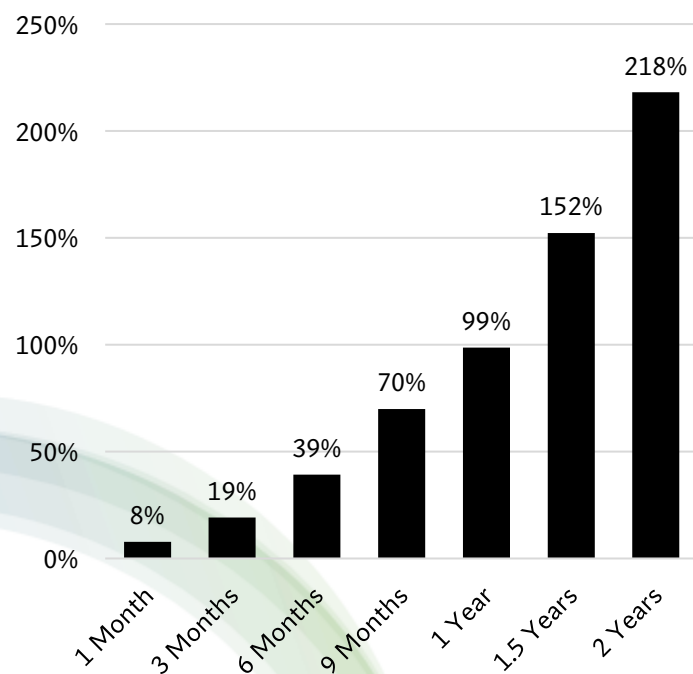
**3/10/2023:** Pioneer's FID™ rating returned to historically desirable levels of 25 or less (see page 23). Over the 7 months from 3/10/23 to 10/10/23, its price appreciated from \$198.78 to \$237.41, a **19% increase**.

# PIONEER NATURAL RESOURCES (PXD) REPORT

During the 10 years from 10/10/2013 to 10/10/2023, **Pioneer's FID™** rating has ranged from as **low as 7** to as **high as 97**. The periods when **Pioneer's FID™** rating was lowest were also the times when investing in **Pioneer** was most likely to be **profitable**.

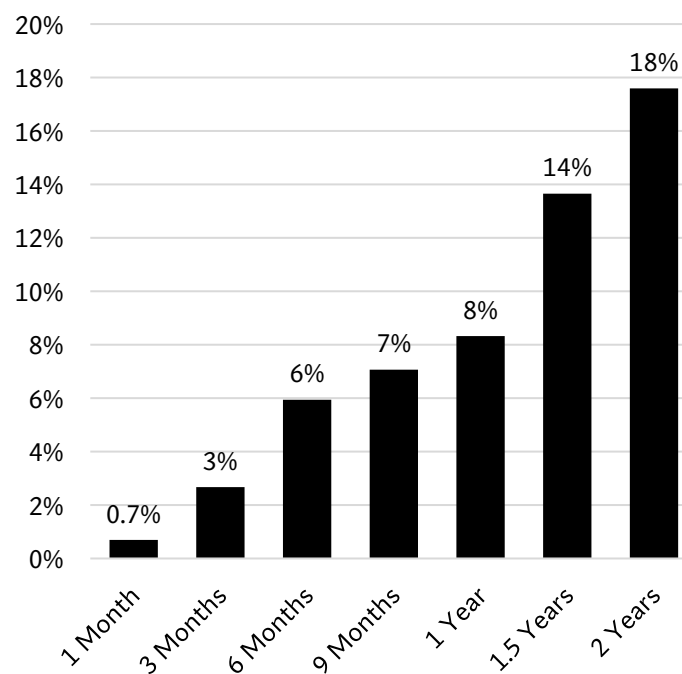
Investors buying **Pioneer** every day when its **FID™** rating was **under 16.2** and held it for between 1 month and 2 years would have made **very significant profits**.

Average Return - FID™ 16.2 or Less



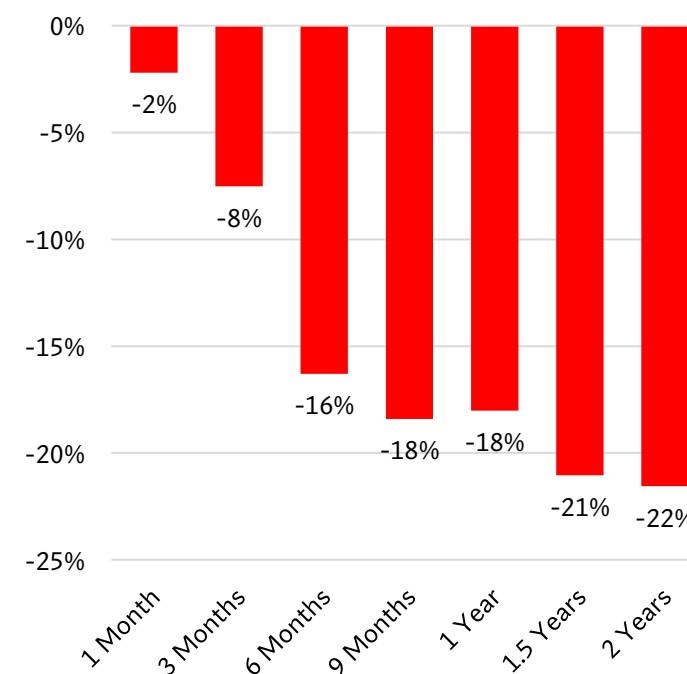
Investors buying **Pioneer** every day when its **FID™** rating was between **16.2** and **88.3** would have averaged **less than 20% returns**.

Average Return - FID™ 16.2 to 88.3



Conversely, investors buying **Pioneer** every day when its **FID™** was over **88.3** and held it for between 6 months and 2 years would have averaged a **20% loss**.

Average Return - FID™ 88.3 or More



# PIONEER NATURAL RESOURCES (PXD) REPORT

ERS has built an **online technology platform** which, on 3/18/2020, would have identified the following 8 US companies as very low-risk, with a very high statistical probability of significant capital appreciation.

On 3/18/2020, when Pioneer had a **PRI™** of **2.2** and a **FID™** of **7.3**, its price was \$56.77.  
It is currently being taken over by Exxon at a price of approximately \$246.69.

## Pioneer Held for 1 Year on Every Trading Day 20-Year Study – 9/30/2003 to 9/30/2023 (4,790 Days)

When the FID™ Rating Was:	7 – 25	25 – 43	43 – 61	61 – 79	79 – 97
<b>Average 1-Year Return</b>	<b>118%</b>	<b>10%</b>	<b>26%</b>	<b>21%</b>	<b>-9%</b>
<b>Probability of 1-Year Gain</b>	<b>99%</b>	<b>68%</b>	<b>72%</b>	<b>72%</b>	<b>28%</b>
Number of Days	433	1,342	1,103	995	917
Average 1-Year Gain	119%	31%	46%	35%	21%
Average 1-Year Loss	-42%	-35%	-26%	-17%	-20%

ERS's **FID™** ratings range from **0** to **100**, where **0** indicates the highest statistical probability and magnitude of future stock price **gains** and **100** indicates the highest statistical probability and magnitude of future stock price **losses**.

**Using ERS's proprietary FID™ rating, investors could have identified multiple opportunities to invest very profitably in Pioneer.**

Investing in **Pioneer** at the best times, when its **FID™** was under **12**, resulted in a **99%** probability of **making an average gain of 119%** 1 year later.

Conversely, investing in **Pioneer** at the worst times, when its **FID™** was over **79**, resulted in a **loss 72% of the time** when held for 1 year.

**With ERS's technology, fiduciaries and financial institutions can grow faster and become more profitable.**

# PIONEER NATURAL RESOURCES (PXD) REPORT

On 3/18/2020, investors with access to ERS's **online technology platform** could have identified the following 8 US companies as very low-risk, with a very high statistical probability of significant capital appreciation.

On 3/18/2020, when Pioneer had a **PRI™** of **2.2** and a **FID™** of **7.3**, its price was \$56.77. It is currently being taken over by Exxon at a price of approximately \$246.69.

Hold Period	Date Range	ERS Returns	S&P 500 Returns
6 Months	3/18/20 – 9/18/20	82.7%	39.7%
1 Year	3/18/20 – 3/18/21	145.0%	66.1%
1.5 Years	3/18/20 – 9/18/21	162.3%	89.4%
2 Years	3/18/20 – 3/18/22	222.0%	92.0%
3 Years	3/18/20 – 3/18/23	255.4%	71.4%

Symbol	Company	Price	Market Cap (\$ mil.)	PRI™	FID™	6-Month Return	1-Year Return	1.5-Year Return	2-Year Return	3-Year Return
CMC	Commercial Metals	\$11.49	\$1,368	0	4	90%	158%	170%	267%	305%
DHI	D.R. Horton	\$28.78	\$10,544	0	7	154%	197%	227%	210%	257%
LEN	Lennar	\$30.92	\$9,654	0	6	157%	209%	233%	206%	249%
PSX	Phillips 66	\$42.97	\$18,814	2	5	43%	99%	66%	102%	153%
<b>PXD</b>	<b>Pioneer Natural Res.</b>	<b>\$56.77</b>	<b>\$9,408</b>	<b>2</b>	<b>7</b>	<b>71%</b>	<b>192%</b>	<b>189%</b>	<b>358%</b>	<b>289%</b>
SEB	Seaboard	\$2,740.01	\$3,189	0	6	8%	35%	49%	46%	40%
STLD	Steel Dynamics	\$15.50	\$3,297	0	7	111%	217%	319%	474%	620%
WMK	Weis Markets	\$37.99	\$1,022	0	5	28%	52%	46%	112%	131%