

## EIA Profile Hypothetical Ratings Analysis



### EIA Profile Name MDX

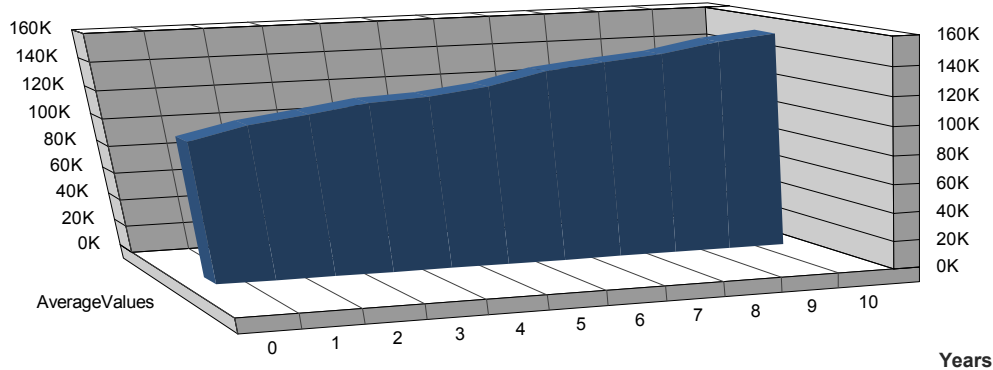
Index Name	S&P 500
Credit Method	Monthly Cap
Asset Fee	0.00%
Participation Rate	100.00%
Period Reset Cap	0.00%
Period Reset	1
Bonus Amount	0.00%
Bonus Duration	1
Add'l Criteria	None
Cap / Rate	2.6%

## EIA Profile Hypothetical Ratings Analysis

### Average Hypothetical Values with 36 Different Starting Points

Average Annual Value

Average Annual Value



#### Return Statistics

Average Return	Geometric Return	Standard Deviation	Correlation Coefficient	Beta	Grade
4.35%	4.21%	5.52%	71.97%	33.92%	D

"Grading Methodology – Each EIA Index Credit Method evaluated has been solely on its return performance attributes. The universe of EIA Index Credit Methods is approximately 200. Each EIA Index Credit Method was evaluated over 3 time periods:

1. Jan. 1970 to 1980
2. Jan. 1990 through 2000
3. Last 10 Years

Each EIA's Index Credit Method was measured by 5 different statistics:

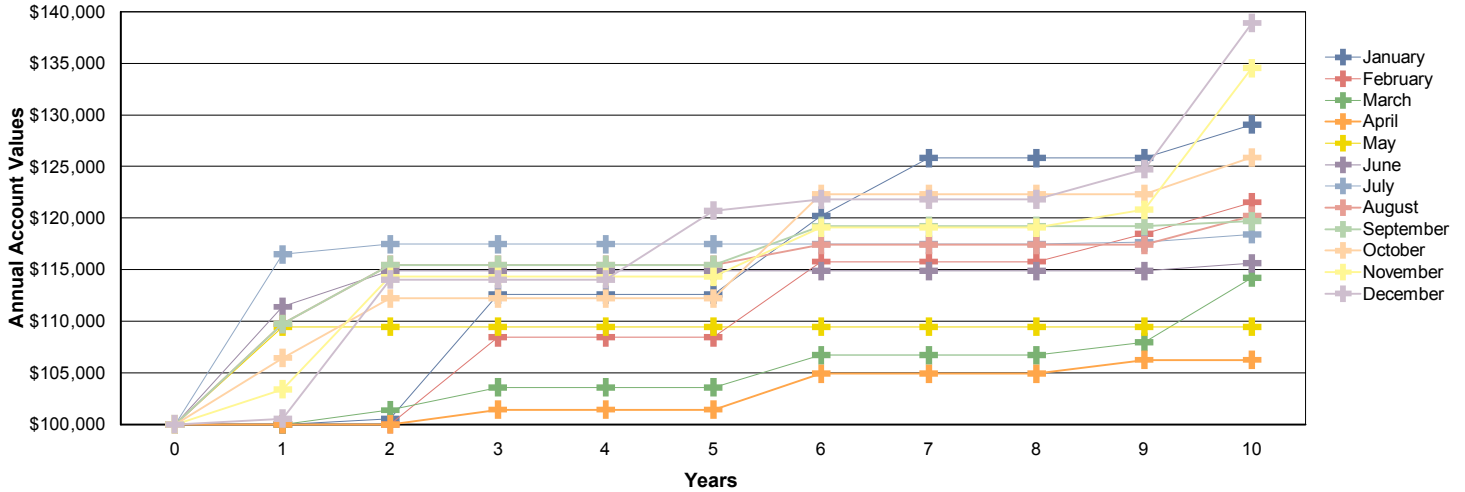
1. Arithmetic Average of Annual Returns
2. Geometric Average of Annual Returns
3. Standard Deviation of Annual Returns
4. Correlation Coefficient of Annual Performance regressed against the Annual Performance of the S&P 500 Index Point Changes
5. Beta of Annual Performance regressed against the Annual Performance of the S&P 500 Index Point Changes.

Each EIA Index Credit Method was scored in each of the 5 statistics by its position within the entire universe. The sum of the 5 scores resulted in the overall scoring for each EIA Index Credit Method: the lowest score being the best. The grading system is broken down into 5 sectors: A (Highest) , B, C, D, and F(Lowest). Each sector represents 20% of the aggregate. Within each sector, the highest 25% receives and '+' and the lowest 25% receives '-'.

# EIA Profile Hypothetical Ratings Analysis

## Bear Market Analysis (1970-1980)

### Average Hypothetical Values with 12 Different Starting Points



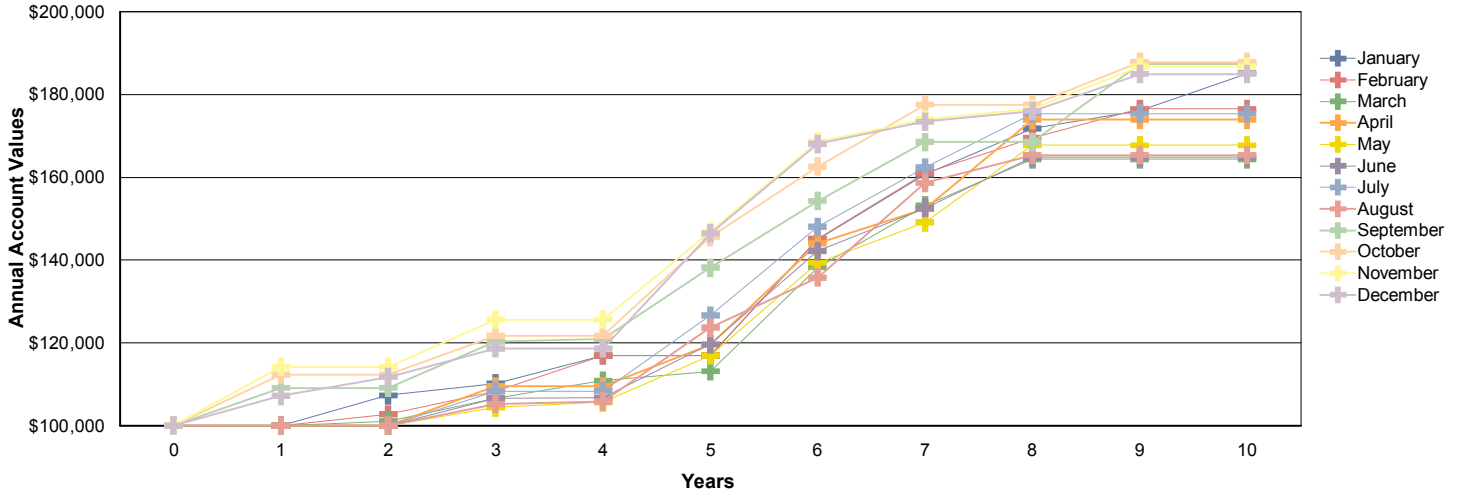
#### Return Statistics

Starting Month	Average Return	Geometric Return	Standard Deviation	Correlation Coefficient	Beta	Grade
January	2.65%	2.58%	4.04%	72.75%	27.16%	F+
February	2.01%	1.96%	3.13%	68.90%	22.30%	F+
March	1.35%	1.33%	1.89%	79.34%	18.79%	F+
April	2.65%	2.58%	4.04%	72.75%	27.16%	F+
May	0.94%	0.90%	2.99%	83.40%	27.18%	F
June	1.51%	1.46%	3.60%	90.77%	34.87%	F
July	1.81%	1.70%	5.16%	91.54%	42.35%	F+
August	1.90%	1.85%	3.24%	76.52%	29.43%	F
September	1.86%	1.81%	3.30%	62.22%	24.26%	F
October	2.37%	2.32%	3.39%	51.97%	15.94%	F
November	3.09%	3.01%	4.41%	74.39%	34.09%	F
December	3.44%	3.34%	5.06%	85.79%	33.72%	D
<b>Average</b>	<b>1.96%</b>	<b>1.91%</b>	<b>3.45%</b>	<b>76.53%</b>	<b>26.80%</b>	<b>F+</b>

# EIA Profile Hypothetical Ratings Analysis

## Bull Market Analysis (1990-2000)

### Average Hypothetical Values with 12 Different Starting Points



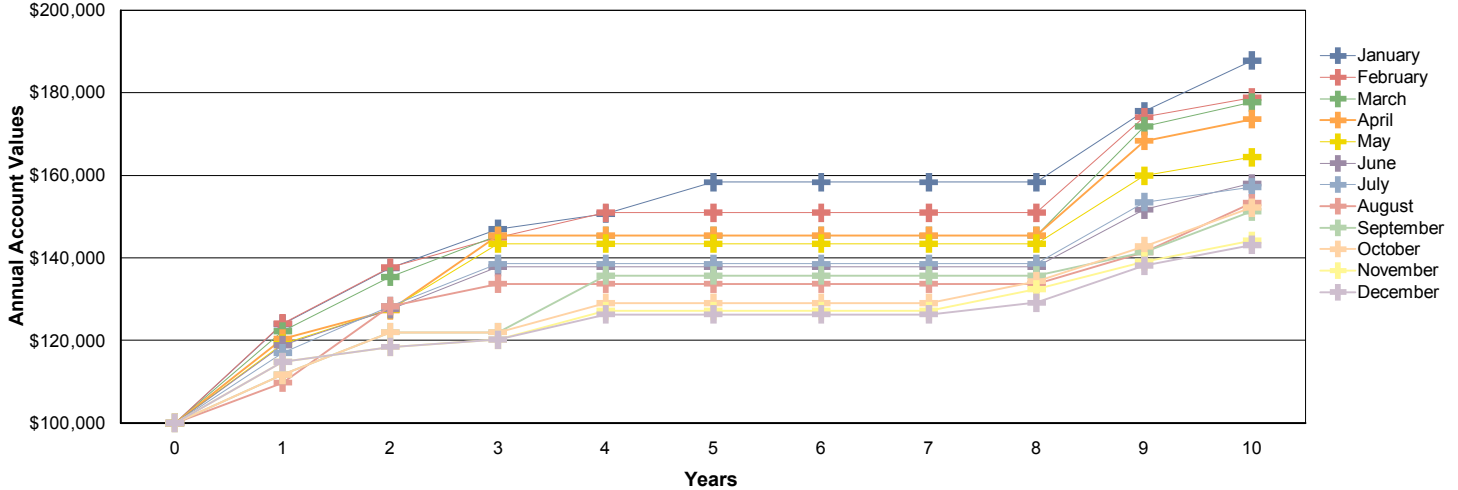
#### Return Statistics

Starting Month	Average Return	Geometric Return	Standard Deviation	Correlation Coefficient	Beta	Grade
January	6.54%	6.35%	7.01%	67.90%	36.63%	D+
February	6.06%	5.84%	7.30%	69.39%	42.65%	D
March	5.29%	5.09%	6.95%	68.55%	46.13%	F
April	6.54%	6.35%	7.01%	67.90%	36.63%	D+
May	5.49%	5.30%	6.71%	66.93%	41.16%	F
June	5.29%	5.12%	6.50%	64.76%	43.59%	F
July	5.98%	5.78%	6.99%	65.51%	41.50%	D
August	5.35%	5.16%	6.85%	74.51%	38.27%	F+
September	6.62%	6.48%	5.75%	62.11%	28.58%	C
October	6.69%	6.50%	6.78%	67.95%	39.50%	C-
November	6.63%	6.44%	6.76%	57.34%	37.54%	D-
December	6.55%	6.34%	7.33%	69.93%	45.85%	C-
<b>Average</b>	<b>6.03%</b>	<b>5.84%</b>	<b>6.85%</b>	<b>67.04%</b>	<b>40.15%</b>	<b>D</b>

# EIA Profile Hypothetical Ratings Analysis

## Recent (Last 10 Years)

### Average Hypothetical Values with 12 Different Starting Points



#### Return Statistics

Starting Month	Average Return	Geometric Return	Standard Deviation	Correlation Coefficient	Beta	Grade
January	6.72%	6.50%	7.36%	72.72%	39.94%	C-
February	6.25%	5.98%	8.15%	81.17%	45.23%	C-
March	6.19%	5.91%	8.33%	82.04%	47.06%	C
April	6.72%	6.50%	7.36%	72.72%	39.94%	C-
May	5.29%	5.09%	6.92%	78.05%	40.02%	C
June	4.84%	4.68%	6.30%	69.52%	37.89%	F
July	4.77%	4.62%	6.13%	71.36%	35.06%	D-
August	4.50%	4.36%	5.76%	80.42%	33.33%	D
September	4.33%	4.22%	5.02%	74.55%	27.68%	D-
October	4.36%	4.28%	4.27%	67.14%	24.31%	F+
November	3.80%	3.72%	4.41%	49.99%	20.71%	F
December	3.73%	3.65%	4.52%	59.73%	25.80%	F
<b>Average</b>	<b>5.06%</b>	<b>4.89%</b>	<b>6.25%</b>	<b>72.33%</b>	<b>34.82%</b>	<b>D</b>

## EIA Profile Hypothetical Ratings Analysis

### MCP Premium – EIA Credit Method Ratings

The handful of financial analysis terms used in the rating Service may not be familiar to everyone. Although definitions are provided at the site, below the terms are 'lay person' interpretations and pertain just to the EIA Ratings and EIA products in general.

<b>Overall Rating</b>	This is a ranking of 1 to 5 dots, with 5 being best. This is important because it illustrates the average of all scores received during each Statistics time period by the EIA profiled.
<b>EIA Profile Details</b>	This lists the credit method rates that were in effect at the time the analysis was last run.
<b>Statistics</b>	The three different historical time periods over which analysis was conducted. This is important because some credit methods favor specific stock market conditions.
<b>Arithmetic Avg</b>	A simple average – just like you learned in school. This is important because it indicates the range of returns that occurred. This number will usually be higher than the Geometric Avg.
<b>Geometric Avg</b>	Also called annualized average. This indicates the return achieved if we calculated from the start point to the end point.
<b>Standard Dev</b>	Standard Deviation is a measure of the 'ups and downs' of returns. It indicates how much a credit method varied from its average return during the time period. When looking for EIA predictability, the lower the percent, the better.
<b>Correlation Co-ef</b>	Correlation Co-efficient is an important measure of how closely the EIA behaves like the index during the time period. If you are looking for the EIA to show gains when the index does, the higher the percent, the better.
<b>Beta</b>	Another measure of how the EIA compares to the index. This time, it tells us how much of the positive index gains seen in the index that the EIA will end up capturing. The higher the percent, the better!

Definitions courtesy [www.mcppremium.com](http://www.mcppremium.com)

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