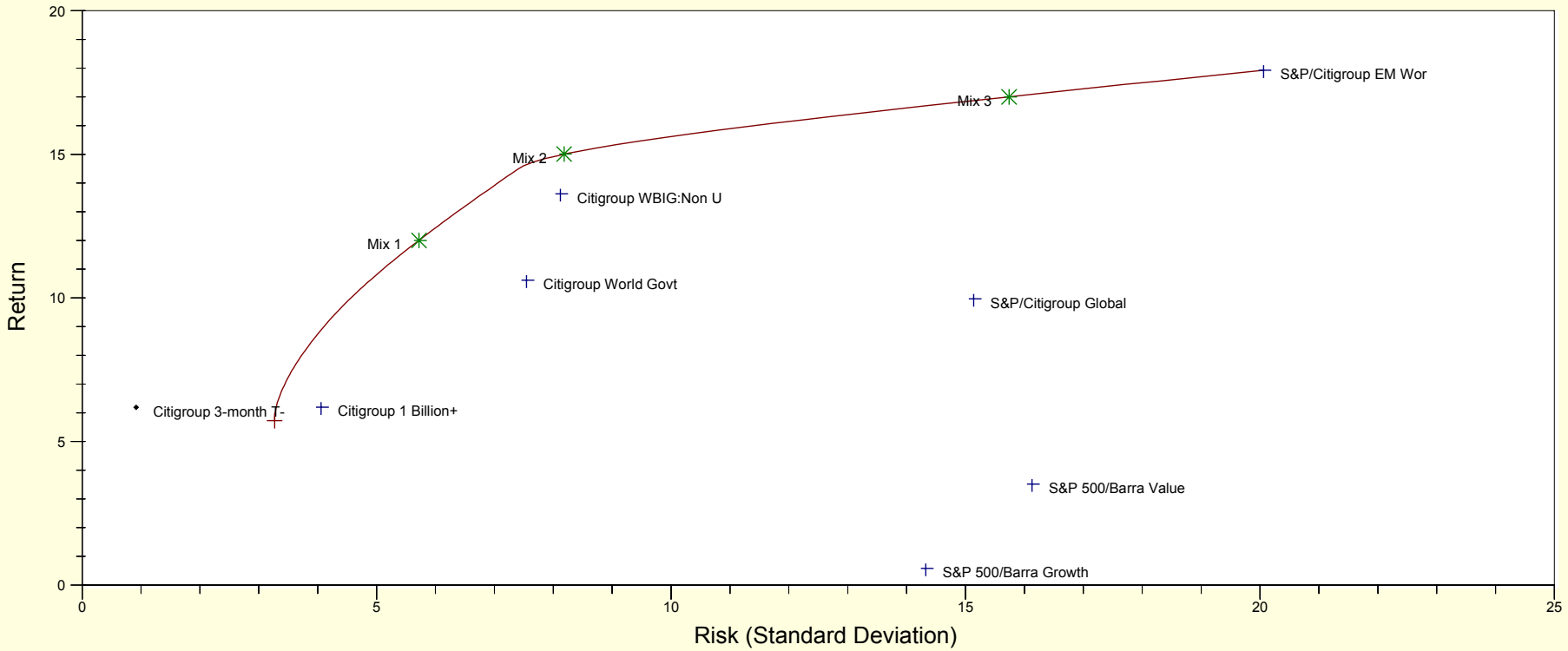


Asset Allocation Analysis- Historical CAPM **SMART Allocation Advisor**

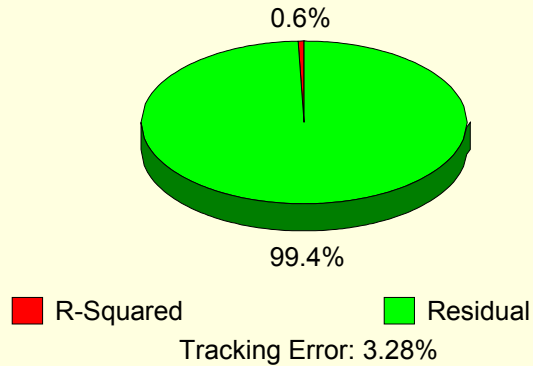
Efficient Frontier

Case: Allocation Case Return vs. Risk (Standard Deviation)



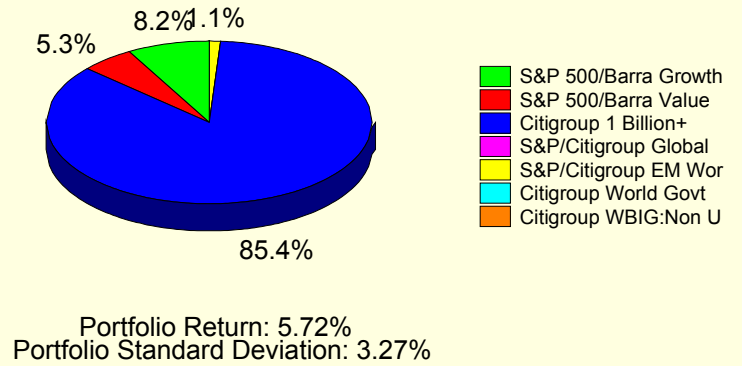
Tracking to Benchmark - Active Portfolio

Case: Allocation Case Citigroup 3-month T-

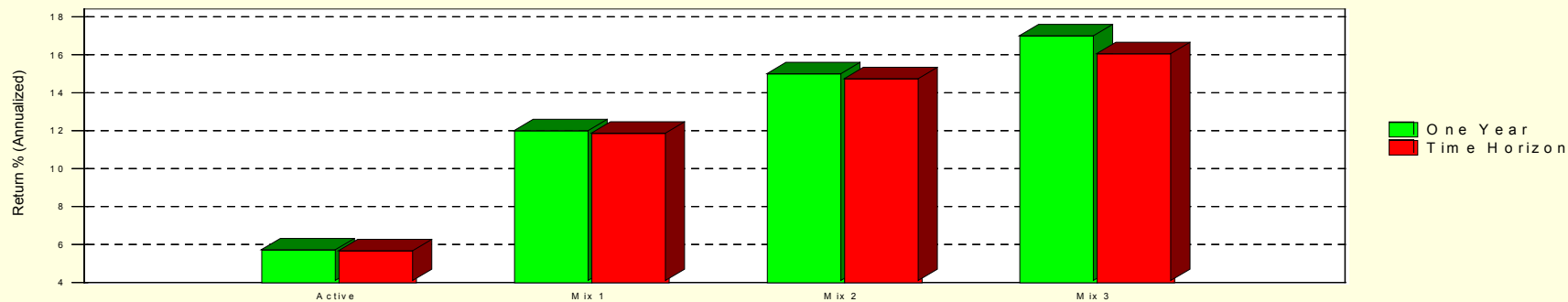


Asset Allocations - Active Portfolio

Case: Allocation Case Percent of Portfolio



Expected Return
Case: Allocation Case 10 Year Time Horizon



Case: Allocation Case Target Return: 10.00% - 10 Year Time Horizon - 95% of Projected Return Distribution

Portfolio Allocations

Asset Allocations	Active Portfolio	Mix 1	Mix 2	Mix 3
S & P 500/Barra Growth	8.2%	0.0%	0.0%	0.0%
S & P 500/Barra Value	5.3%	0.0%	0.0%	0.0%
Citigroup 1 Billion+	85.4%	31.5%	0.0%	0.0%
S & P/Citigroup Global	0.0%	0.0%	0.0%	0.0%
S & P/Citigroup EM Wor	1.1%	16.7%	32.1%	78.6%
Citigroup World Govt	0.0%	0.0%	0.0%	0.0%
Citigroup W BIG:Non U	0.0%	51.9%	67.9%	21.4%

Portfolio Statistics

<u>Expected Return (Annualized)</u>				
One Year	5.7%	12.0%	15.0%	17.0%
Time Horizon	5.7%	11.9%	14.7%	16.1%
<u>Expected Risk</u>				
One Year	3.3%	5.7%	8.2%	15.7%
Time Horizon	1.0%	1.8%	2.6%	4.9%
<u>Best Case Return (Annualized)</u>				
One Year	12.3%	23.6%	31.9%	50.8%
Time Horizon	7.7%	15.4%	19.9%	26.0%
<u>Worst Case Return (Annualized)</u>				
One Year	-0.5%	1.2%	-0.2%	-10.8%
Time Horizon	3.7%	8.4%	9.8%	6.7%
<u>Probability of Target Return</u>				
One Year	9.7%	62.8%	72.2%	65.3%
Time Horizon	0.0%	85.0%	96.9%	89.3%
<u>Probability of Negative Return</u>				
One Year	3.7%	1.4%	2.7%	13.5%
Time Horizon	0.0%	0.0%	0.0%	0.0%

Tracking to Market Benchmark

Benchmark Tracking	Active Portfolio	Mix 1	Mix 2	Mix 3
R-Squared	1%	1%	4%	7%
Tracking Error	3.28%	5.74%	8.24%	15.80%

Asset Allocation Analysis- Historical CAPM

Analysis Inputs

Case: Allocation Case

Analysis Inputs

	Forecast		Date		Constraint	
	<u>Return</u>	<u>Risk</u>	<u>Start</u>	<u>End</u>	<u>Min</u>	<u>Max</u>
<u>Assets</u>						
S&P 500/Barra Growth	0.6%	14.3%	Jul 2001	Jun 2007	0%	100%
S&P 500/Barra Value	3.5%	16.1%	Jul 2001	Jun 2007	0%	100%
Citigroup 1 Billion+	6.2%	4.1%	Jul 2001	Jun 2007	0%	100%
S&P/Citigroup Global	10.0%	15.1%	Jul 2001	Jun 2007	0%	100%
S&P/Citigroup EM Wor	17.9%	20.1%	Jul 2001	Jun 2007	0%	100%
Citigroup World Govt	10.6%	7.5%	Jul 2001	Jun 2007	0%	100%
Citigroup WBIG:Non U	13.6%	8.1%	Jul 2001	Jun 2007	0%	100%

Benchmark

Citigroup 3-month T-	6.2%	0.9%	Jan 1978	Jun 2007
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Projection Inputs

Target Return:	10.0%
Time Horizon:	10 Years
Initial Value:	\$1,000,000

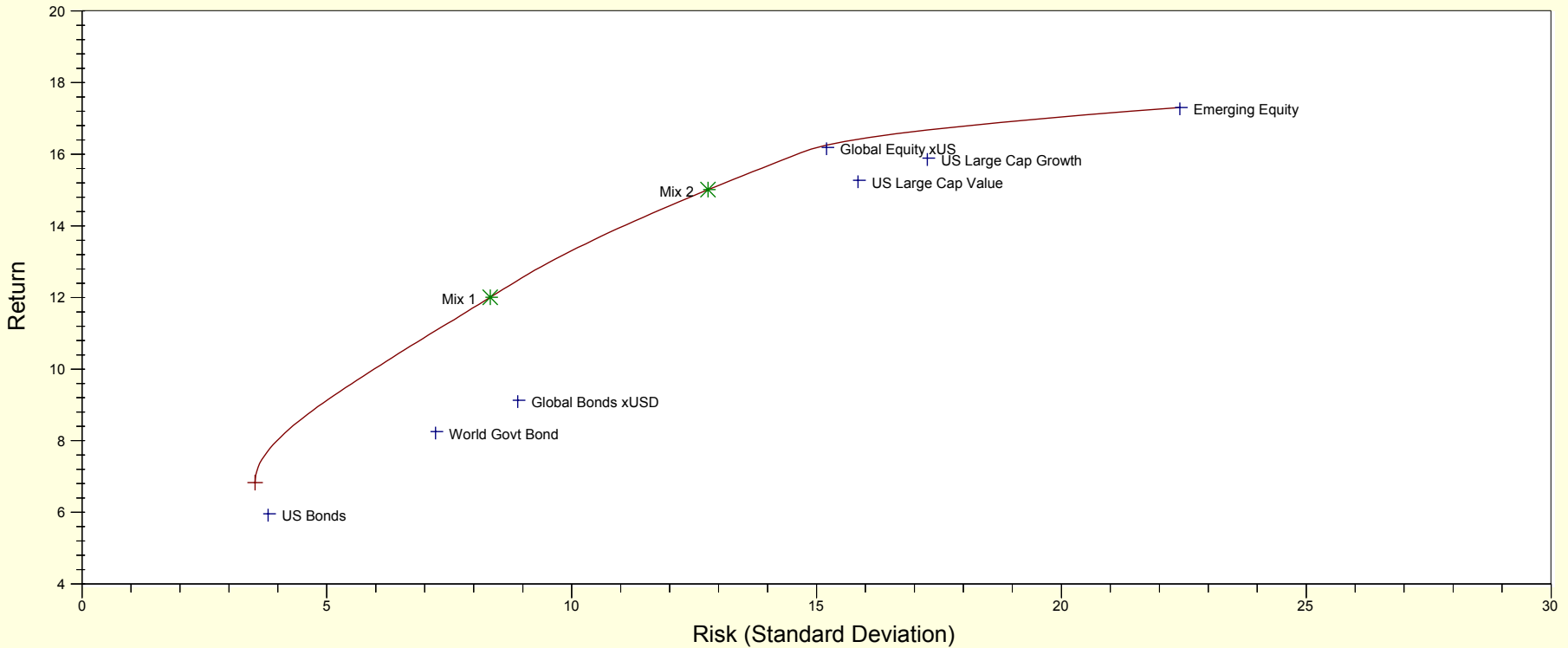
Correlations

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
1. S&P 500/Barra Growth	1.00						
2. S&P 500/Barra Value	0.85	1.00					
3. Citigroup 1 Billion+	-0.37	-0.39	1.00				
4. S&P/Citigroup Global	0.73	0.76	-0.28	1.00			
5. S&P/Citigroup EM Wor	0.61	0.65	-0.28	0.78	1.00		
6. Citigroup World Govt	0.03	0.01	0.61	0.16	-0.07	1.00	
7. Citigroup WBIG:Non U	-0.23	-0.12	0.60	0.07	-0.07	0.96	1.00

Asset Allocation Analysis- Black-Litterman Model

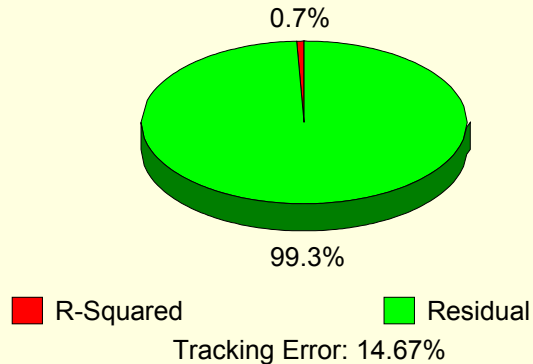
Efficient Frontier

Case: Allocation Case Return vs. Risk (Standard Deviation)



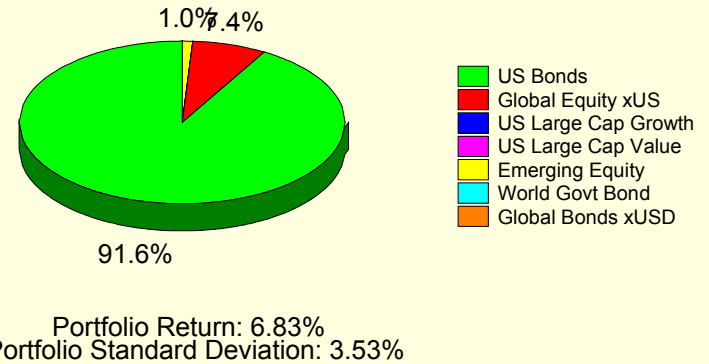
Tracking to Benchmark - Active Portfolio

Case: Allocation Case S&P/Citigroup World



Asset Allocations - Active Portfolio

Case: Allocation Case Percent of Portfolio



Asset Allocation Analysis- Black-Litterman Model

Portfolio Statistics

Case: Allocation Case Target Return: 10.00% - 10 Year Time Horizon - 95% of Projected Return Distribution

Portfolio Allocations

<u>Asset Allocations</u>	Active Portfolio	Mix 1	Mix 2
US Bonds	91.6%	9.3%	0.0%
Global Equity xUS	7.4%	19.0%	59.6%
US Large Cap Growth	0.0%	13.6%	18.1%
US Large Cap Value	0.0%	12.5%	7.3%
Emerging Equity	1.0%	1.7%	0.0%
World Govt Bond	0.0%	0.0%	0.0%
Global Bonds xUSD	0.0%	43.9%	15.1%

Portfolio Statistics

Expected Return (Annualized)

One Year	6.8%	12.0%	15.0%
Time Horizon	6.8%	11.7%	14.4%

Expected Risk

One Year	3.5%	8.3%	12.8%
Time Horizon	1.1%	2.6%	4.0%

Best Case Return (Annualized)

One Year	13.9%	29.2%	42.0%
Time Horizon	9.0%	17.0%	22.4%

Worst Case Return (Annualized)

One Year	0.1%	-3.5%	-8.0%
Time Horizon	4.6%	6.7%	6.7%

Probability of Target Return

One Year	18.4%	58.1%	63.5%
Time Horizon	0.2%	74.2%	86.3%

Probability of Negative Return

One Year	2.4%	6.9%	11.4%
Time Horizon	0.0%	0.0%	0.0%

Tracking to Market Benchmark

Benchmark Tracking

R-Squared	1%	57%	85%
Tracking Error	14.67%	9.89%	5.71%

Asset Allocation Analysis- Black-Litterman Model

SMART Allocation Advisor

Analysis Inputs
Case: Allocation Case

Analysis Inputs

<u>Assets</u>	<u>Forecast</u>		<u>Date</u>		<u>Constraint</u>	
	<u>Return</u>	<u>Risk</u>	<u>Start</u>	<u>End</u>	<u>Min</u>	<u>Max</u>
US Bonds	6.0%	3.8%	Jan 1999	Jun 2007	0%	100%
Global Equity xUS	16.2%	15.2%	Jan 1999	Jun 2007	0%	100%
US Large Cap Growth	15.9%	17.3%	Jan 1999	Jun 2007	0%	100%
US Large Cap Value	15.3%	15.8%	Jan 1999	Jun 2007	0%	100%
Emerging Equity	17.3%	22.4%	Jan 1999	Jun 2007	0%	100%
World Govt Bond	8.2%	7.2%	Jan 1999	Jun 2007	0%	100%
Global Bonds xUSD	9.1%	8.9%	Jan 1999	Jun 2007	0%	100%

Benchmark

S&P/Citigroup World 13.9% 13.9% Aug 1989 Jun 2007

Projection Inputs

Target Return: 10.0%
Time Horizon: 10 Years
Initial Value: \$1,000,000

Correlations

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
1. US Bonds	1.00						
2. Global Equity xUS	-0.14	1.00					
3. US Large Cap Growth	0.18	0.73	1.00				
4. US Large Cap Value	0.17	0.76	0.85	1.00			
5. Emerging Equity	-0.16	0.78	0.61	0.65	1.00		
6. World Govt Bond	0.57	0.16	0.03	0.01	-0.07	1.00	
7. Global Bonds xUSD	0.50	0.24	-0.05	-0.02	0.03	0.99	1.00

Black-Litterman Model Inputs

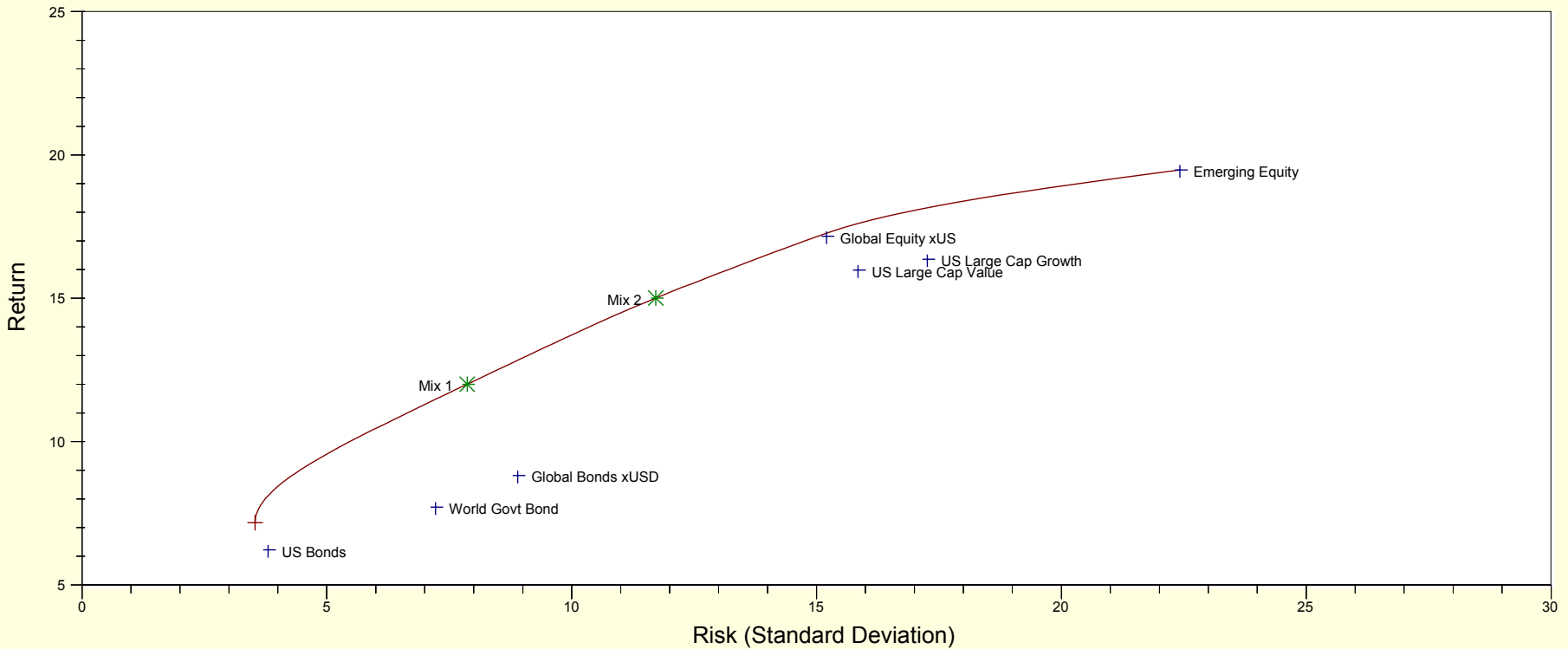
Palette Risk Premium 6.50%
Risk-free Rate 5.00%

	<u>Market Cap</u> <u>(millions)</u>	<u>Date</u>	<u>Weight</u>
US Bonds	\$8,723,389	Jun 2007	15.34%
Global Equity xUS	\$12,759,152	Jun 2007	22.44%
US Large Cap Growth	\$5,478,398	Jun 2007	9.64%
US Large Cap Value	\$5,615,561	Jun 2007	9.88%
Emerging Equity	\$1,264,540	Jun 2007	2.22%
World Govt Bond	\$10,492,306	Jun 2007	18.46%
Global Bonds xUSD	\$12,518,948	Jun 2007	22.02%

Asset Allocation Analysis- Strategic View Approach

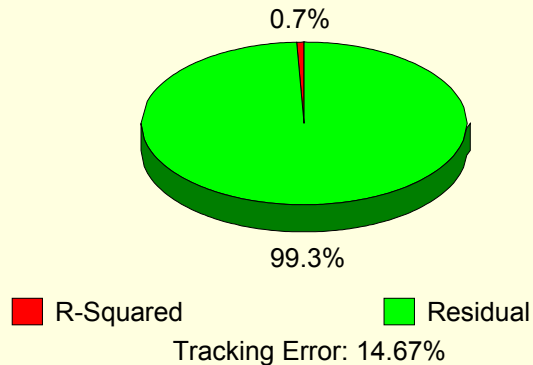
Efficient Frontier

Case: Allocation Case Return vs. Risk (Standard Deviation)



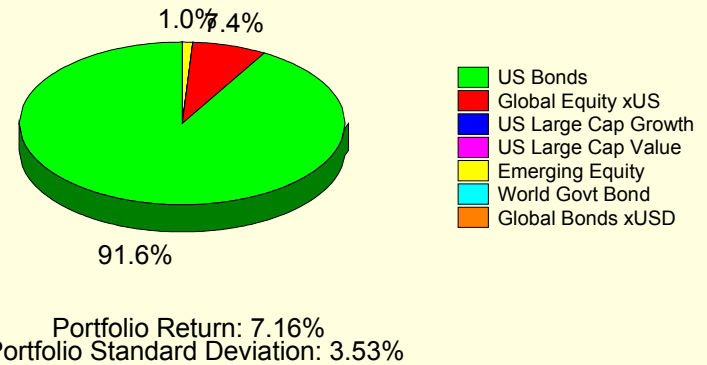
Tracking to Benchmark - Active Portfolio

Case: Allocation Case S&P/Citigroup World



Asset Allocations - Active Portfolio

Case: Allocation Case Percent of Portfolio



Asset Allocation Analysis- Strategic View Approach

Portfolio Statistics

Case: Allocation Case Target Return: 10.00% - 10 Year Time Horizon - 95% of Projected Return Distribution

Portfolio Allocations

<u>Asset Allocations</u>	Active Portfolio	Mix 1	Mix 2
US Bonds	91.6%	32.2%	0.0%
Global Equity xUS	7.4%	31.3%	43.7%
US Large Cap Growth	0.0%	4.3%	9.6%
US Large Cap Value	0.0%	6.9%	12.9%
Emerging Equity	1.0%	5.6%	8.4%
World Govt Bond	0.0%	0.0%	0.0%
Global Bonds xUSD	0.0%	19.7%	25.4%

Portfolio Statistics

Expected Return (Annualized)

One Year	7.2%	12.0%	15.0%
Time Horizon	7.1%	11.8%	14.5%

Expected Risk

One Year	3.5%	7.9%	11.7%
Time Horizon	1.1%	2.5%	3.7%

Best Case Return (Annualized)

One Year	14.3%	28.2%	39.6%
Time Horizon	9.3%	16.7%	21.8%

Worst Case Return (Annualized)

One Year	0.4%	-2.6%	-6.3%
Time Horizon	4.9%	7.0%	7.4%

Probability of Target Return

One Year	20.9%	58.8%	65.0%
Time Horizon	0.5%	75.8%	88.9%

Probability of Negative Return

One Year	1.9%	5.7%	9.3%
Time Horizon	0.0%	0.0%	0.0%

Tracking to Market Benchmark

Benchmark Tracking

R-Squared	1%	67%	79%
Tracking Error	14.67%	9.32%	6.76%

Asset Allocation Analysis - Strategic View Approach

SMART Allocation Advisor

Analysis Inputs Case: Allocation Case

Analysis Inputs

Assets	Forecast		Date		Constraint	
	Return	Risk	Start	End	Min	Max
US Bonds	6.2%	3.8%	Jan 1999	Jun 2007	0%	100%
Global Equity xUS	17.2%	15.2%	Jan 1999	Jun 2007	0%	100%
US Large Cap Growth	16.4%	17.3%	Jan 1999	Jun 2007	0%	100%
US Large Cap Value	16.0%	15.8%	Jan 1999	Jun 2007	0%	100%
Emerging Equity	19.5%	22.4%	Jan 1999	Jun 2007	0%	100%
World Govt Bond	7.7%	7.2%	Jan 1999	Jun 2007	0%	100%
Global Bonds xUSD	8.8%	8.9%	Jan 1999	Jun 2007	0%	100%

Benchmark

S&P/Citigroup World	13.9%	13.9%	Aug 1989	Jun 2007
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Projection Inputs

Target Return:	10.0%
Time Horizon:	10 Years
Initial Value:	\$1,000,000

Correlations

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
1. US Bonds	1.00						
2. Global Equity xUS	-0.14	1.00					
3. US Large Cap Growth	0.18	0.73	1.00				
4. US Large Cap Value	0.17	0.76	0.85	1.00			
5. Emerging Equity	-0.16	0.78	0.61	0.65	1.00		
6. World Govt Bond	0.57	0.16	0.03	0.01	-0.07	1.00	
7. Global Bonds xUSD	0.50	0.24	-0.05	-0.02	0.03	0.99	1.00

Black-Litterman Model Inputs

Palette Risk Premium	6.50%
Risk-free Rate	5.00%

	Market Cap (millions)	Date	Weight
US Bonds	\$8,723,389	Jun 2007	15.34%
Global Equity xUS	\$12,759,152	Jun 2007	22.44%
US Large Cap Growth	\$5,478,398	Jun 2007	9.64%
US Large Cap Value	\$5,615,561	Jun 2007	9.88%
Emerging Equity	\$1,264,540	Jun 2007	2.22%
World Govt Bond	\$10,492,306	Jun 2007	18.46%
Global Bonds xUSD	\$12,518,948	Jun 2007	22.02%

Black-Litterman Views

Absolute Views	Implied Return	View Return	Confidence
US Bonds	5.96%	6.30%	95%
Global Equity xUS	16.19%	17.50%	95%
US Large Cap Growth	15.88%	16.20%	95%
US Large Cap Value	15.26%	15.80%	95%
Emerging Equity	17.30%	19.50%	95%
World Govt Bond	8.25%	7.50%	95%
Global Bonds xUSD	9.13%	8.90%	95%