

Asset Allocation Analysis

Portfolio Statistics

Case: Allocation Case Target Return: 8.50% - 10 Year Time Horizon - 95% of Projected Return Distribution

	Traditional	Portfolio Alloca	Portfolio Allocations						
	Portfolio	Mix 1	Mix 2	Mix 3	Mix 4	Mix 5			
Asset Allocations	***************************************		A43363	<u> </u>	1984 7	IVIIA J			
Merrill Lynch 91-day	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Lehman US Aggregate	40.00%	57.44%	48.73%	41.93%	35.59%	35.00%			
S&P 500	35.00%	20.00%	20.00%	24.08%	28.27%	20.00%			
Russell 2000	10.00%	5.00%	5.00%	5.17%	6.41%	18.82%			
MSCI EAFE Index	15.00%	0.00%	6.23%	8.20%	8.84%	2.18%			
Nareit Composite Rei	0.00%	7.00%	7.00%	7.00%	7.00%	7.00%			
Low FOHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Medium FOHF	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%			
High FOHF	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%			
Private Equity	0.00%	0.56%	3.04%	3.62%	3.88%	7.00%			
Group Allocations						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Cash Equivalent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Int. Term Fixed	40.00%	57.44%	48.73%	41.93%	35.59%	35.00%			
Equities	60.00%	25.00%	31.23%	37.45%	43.53%	41.00%			
Real Estate	0.00%	7.00%	7.00%	7.00%	7.00%	7.00%			
Hedge Funds	0.00%	10.00%	10.00%	10.00%	10.00%	10.00%			
Alternative Investments	0.00%	0.56%	3.04%	3.62%	3.88%	7.00%			
Other	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
Turnover					3,03,0	0.0070			
Total Turnover		35.00%	28.77%	22.55%	20.88%	32.82%			
		Portfolio Statis	otice						
Expected Return (Annualized)		r ortiono Statis	<u>sucs</u>						
One Year	8.27%	7.30%	7.86%	8.25%	0.000/	0.050/			
Time Horizon	7.96%	7.19%	7.70%	8.04%	8.62% 8.35%	8.85%			
Expected Risk		7.1070	7.7070	0.0470	0.33%	8.53%			
One Year	8.72%	5.03%	6.22%	7.470/	0.0770/				
Time Horizon	2.75%	1.59%	1.96%	7.17%	8.07%	8.80%			
Best Case Return (Annualized)	2.7070	1.5570	1.90%	2.26%	2.54%	2.77%			
One Year	26.35%	47.400/	00 570/	20.2-4					
Time Horizon	13.44%	17.49%	20.57%	22.97%	25.28%	27.08%			
Worst Case Return (Annualized)	13.44 /0	10.34%	11.60%	12.54%	13.42%	14.06%			
One Year	7.000/	0.000/							
Time Horizon	-7.82% 2.67%	-2.23%	-3.83%	-5.11%	-6.34%	-7.38%			
	2.07%	4.11%	3.90%	3.68%	3.45%	3.20%			
Probability of Target Return									
One Year	47.35%	39.69%	44.77%	47.32%	49.12%	49.97%			
Time Horizon	41.66%	20.43%	33.89%	41.58%	47.22%	49.90%			
Probability of Negative Return									
One Year	17.17%	6.96%	9.97%	12.18%	14.07%	15.62%			
Time Horizon	0.14%	0.00%	0.00%	0.01%	0.03%	0.07%			
		Tracking to Market I	Benchmark						
Benchmark Tracking									
R-Squared	92%	71%	79%	85%	87%	77%			
Tracking Error	7.63%	11.91%	10.69%	9.67%	8.74%	9.05%			

Asset Allocation Analysis

Analysis Inputs

Case: Allocation Case	se
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			Analysi	s Inputs						
	Forecast		Date Constraint							
	Return	Risk	Start		End	<u>Min</u>	Max			Group
Assets										
Merrill Lynch 91-day	3.5%	0.5%	Jan 1997	7	Dec 2004	0%	100%		Cas	h Equivalent
Lehman US Aggregate	4.9%	3.3%	Jan 1997	7	Dec 2004	0%	100%		int.	Term Fixed
S&P 500	10.4%	14.7%	Jan 1997	7	Dec 2004	20%	100%			Equities
Russell 2000	11.1%	18.9%	Jan 1997	7	Dec 2004	5%	100%			Equities
MSCI EAFE Index	10.4%	16.8%	Jan 1997		Dec 2004	0%	15%		Equities	
Nareit Composite Rei	10.0%	11.9%	Jan 1997	7	Dec 2004	0%	7%		Real Estate	
Low FOHF	6.3%	3.9%	Jan 1997		Dec 2004	0%	5%		Hedge Funds	
Medium FOHF	9.0%	5.6%	Jan 1997		Dec 2004	0%	5%			dge Funds
High FOHF	12.4%	9.6%	Jan 1997		Dec 2004	0%	5%			dge Funds
Private Equity	13.8%	32.0%	Jan 1997		Dec 2004	0%	7%			ive investments
· · ·	10.070	SE.0 70	Jan 1997		D60 2004	070	176		Aneman	ive investments
Groups										
Cash Equivalent						0%	4%			
Int. Term Fixed						35%	100%			
Equities						0%	100%			
Real Estate						0%	10%			
Hedge Funds						0%	10%			
Alternative Investments						0%	10%			
Benchmark										
S&P 500	12.6%	15.4%	Jan 1974	1	Apr 2006					
	12.0%	13.470	Jan 1974	•	Apr 2006					
Projection Inputs										
Target Return	8.5%									
Time Horizon:	10 Years									
Initial Value:	\$100,000									
			Correl	lations						
	<u>1</u>	2	3	4	5	6	Z	0		40
1. Memil Lynch 91-day	1.00	~	×	3	7	ō	L	8	9	10
Lehman US Aggregate	0.10	1.00								
3. S&P 500	0.10	-0.02	1.00							
4. Russell 2000	-0.02	-0.02	1.00 0.71	1.00						
5. MSCI EAFE Index	-0.05									
Nareit Composite Rei	-0.04	-0.12	0.76	0.69	1.00					
7 Low FOHF		-0.02	0.29	0.46	0.27	1.00				
8. Medium FOHF	0.17	0.15	0.62	0.70	0.60	0.34	1.00			
9. High FOHF	0.12	0.10	0.66	0.83	0.64	0.33	0.89	1.00		
	0.10	0.04	0.67	0.87	0.65	0.26	0.76	0.95	1 00	
10. Private Equity	0.13	-0.21	0.65	0.50	0.53	0.10	0.48	0.61	0.66	1.00
			Custom F	Portfolios						
			<u> </u>			Traditional Portfolio				
		Merrill Lynch 91-day	,			0				
		Lehman US Aggregate				40				
		S&P 500				35				
		Rusself 2000	,							
		MSCI EAFE Index				10				
		WISCI EAFE INGEX				15				

Nareit Composite Rei Low FOHF Medium FOHF High FOHF Private Equity