

CAMBRIDGE ASSOCIATES LLC

CAMBRIDGE ASSOCIATES' BENCHMARKING SURVEY: A Statistical Summary

2006

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STATISTICAL SUMMARY OF BENCHMARKING SURVEY RESULTS

In April 2005, Cambridge Associates conducted an Investment Policy and Benchmarking Survey of its endowed clients with assets over \$100 million as of March 31, 2005. The survey queried institutions on their practices for 1) benchmarking their portfolios and investments across asset classes, 2) performance attribution, and 3) risk evaluation. Cambridge Associates sent surveys to 265 institutions. By June 2005 we had received completed surveys from 138 institutions. Those responses are summarized below.

SURVEY PARTICIPANTS

By Institution Type:

Colleges and Universities: 67

Foundations: 40

Medical Endowments: **15**Museums and Libraries: **11**Independent Schools: **5**

By Asset Size:

\$100 million to \$500 million: 77 \$500 million to \$1 billion: 25 Assets over \$1 billion: 36

Asset Distribution:

 Mean
 \$1,030,266

 Median
 \$429,392

 Minimum
 \$105,479

 Maximum
 \$12,546,900



STATISTICAL SUMMARY OF BENCHMARKING SURVEY RESULTS (continued)

SURVEY RESPONSES

Total Portfolio Benchmarks

- 1. Number of institutions with a specific long-term total portfolio return target: 91
- 2. Number of institutions with no portfolio benchmark: 38
- 3. Number of institutions that evaluate performance of the institution's total portfolio using...
 - a) Policy portfolio against <u>custom blended benchmark</u> based on institution-specific target allocations:

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- b) Policy Portfolio against simplified equity/debt blended benchmark: 57
- c) Peer group performance: 79
- d) Other: 16

Asset Class Benchmarks (138 institutions provided data)

I) Total Long-Only Equity: 33 (24% invest in the asset and use some type of benchmark)

A) Global Developed Equity:	19	(14%)
i)US Equity:	120	(87%)
ii)Global ex US Equity:	115	(83%)
B) Emerging Equity:	67	(49%)

II) Total Fixed Income: 97 (70%)

A)	US Bonds:	84	(61%)
B)	Developed ex US Bonds	14	(10%)
C)	Emerging Markets Bonds	5	(4%)
D)	High-Yield Bonds	16	(12%)
E)	Inflation-Linked Bonds	30	(22%)

III) Total Non-Marketable Alternative Assets: 39 (28%)

A)	US Venture Capital	32	(23%)
B)	Global ex US Venture Capital	8	(6%)
C)	Non-Venture Private Equity	35	(25%)



STATISTICAL SUMMARY OF BENCHMARKING SURVEY RESULTS (continued)

IV) Total Marketable Alternatives 88	(64%)
A) Global Hedge Funds	24 (17%)
i) US Hedge Funds	32 (23%)
ii) Global ex US Hedge Funds	12 (9%)
B) Absolute Return	36 (26%)
i) Arbitrage	26 (19%)
ii) Distressed Securities	16 (12%)
C) Other Marketable Alternatives	16 (12%)
V) Total Real Assets 41 (30%)	
A) Public Real Estate	51 (37%)
B) Private Real Estate	34 (25%)
C) Commodities	22 (16%)
D) Natural Resources	11 (8%)
E) Precious Metals	1 (<1%)
F) Oil and Gas	20 (14%)

VI) Total Cash 48 (35%)

H) Inflation-Linked Bonds

G) Timber

Performance Attribution

Number of institutions that make active tactical bets relative to policy allocation targets: 46

11 (8%)

17 (12%)

Number of institutions who measure the success/failure of these bets: 28

Over the following time frames:

Rolling three-year period: 7
Rolling five-year period: 4
Varies by asset class: 12
Other: 7

Number of institutions with an explicit exit strategy for removing a tactical bet: 1

Number of institutions that make active tactical bets within policy allocations: 43

Number of institutions that measure the success (or failure) of these tactical bets: 24

Over the following time frames:

Rolling three-year period: 7
Rolling five-year period: 4
Varies by asset class: 12
Other: 7



STATISTICAL SUMMARY OF BENCHMARKING SURVEY RESULTS (continued)

Risk Assessment (88 institutions provided data)

Number of institutions using **Standard Deviation** to evaluate...

Portfolio risk: 66 (75%) Asset Class risk: 56 (64%) Manager risk: 66 (75%)

Number of institutions using **Sharpe Ratio** to evaluate...

Portfolio risk: 46 (52%) Asset Class risk: 37 (42%) Manager risk: 51 (58%)

Number of institutions using **Tracking Error** to evaluate...

Portfolio risk: 24 (27%) Asset Class risk: 23 (26%) Manager risk: 35 (40%)

Number of institutions using Information Ratio to evaluate...

Portfolio risk: 21 (24%) Asset Class risk: 18 (20%) Manager risk: 27 (31%)

Number of institutions using **Shortfall Risk** to evaluate...

Portfolio risk: 27 (31%) Asset Class risk: NA Manager risk: NA

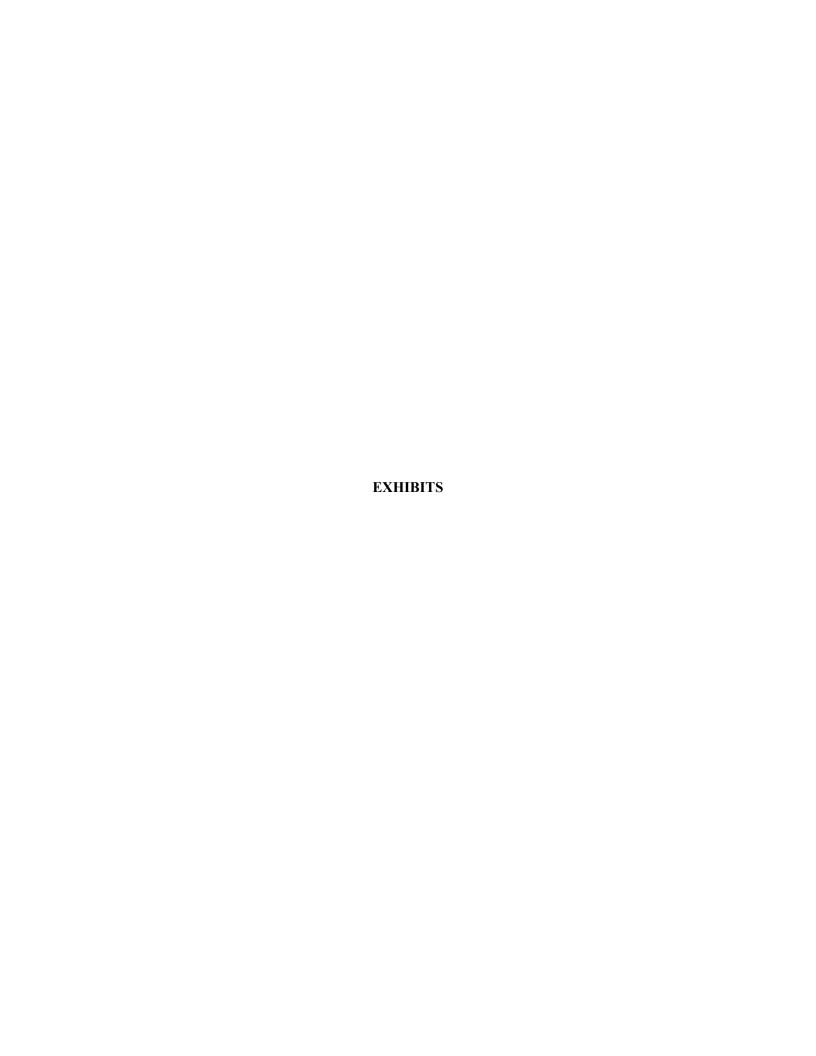
Number of institutions using Scenario Modeling to evaluate...

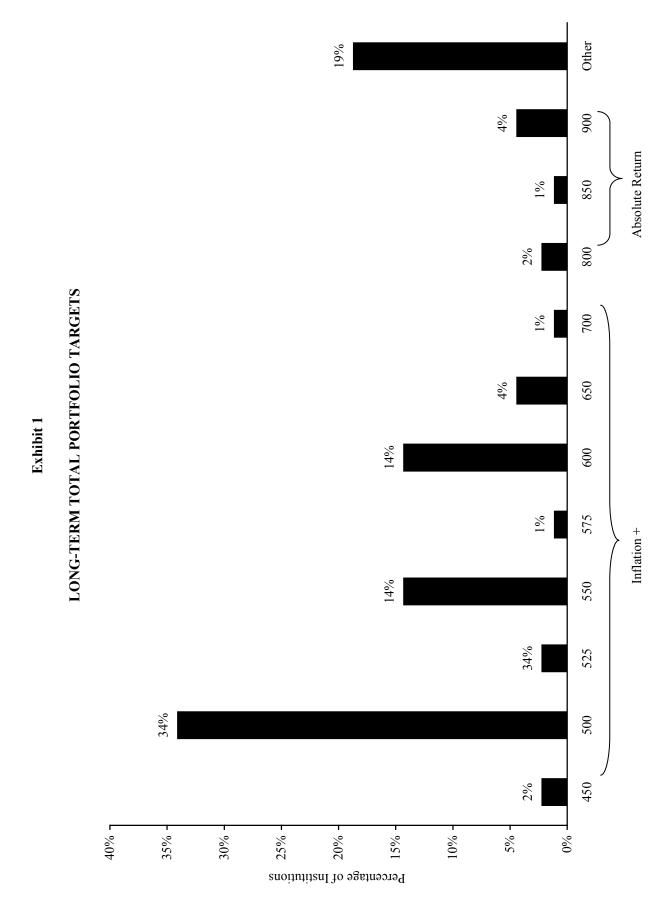
Portfolio risk: 25 (28%) Asset Class risk: NA Manager risk: NA



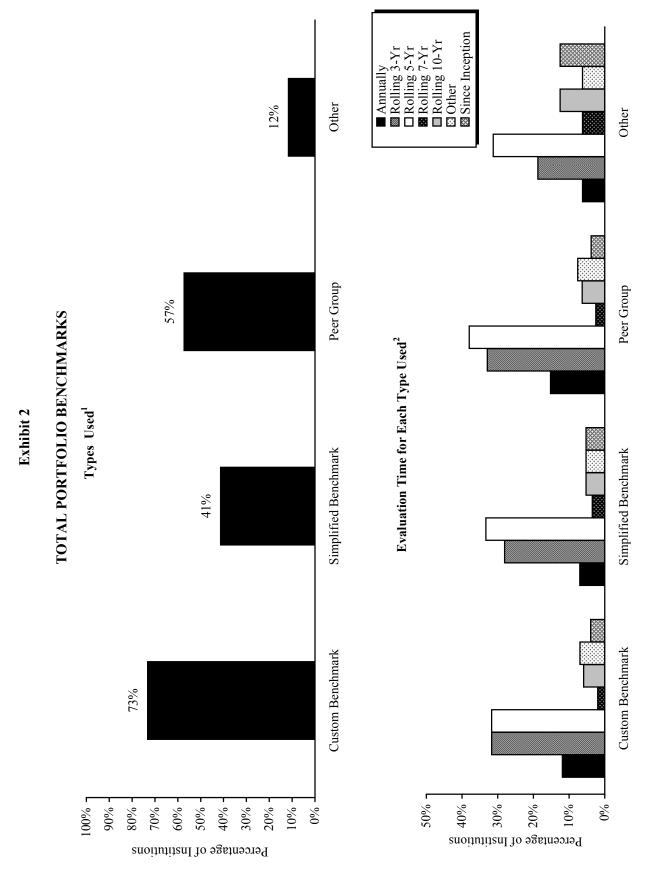
NOTES ON THE DATA

- In the second and third quarter of 2005, nontaxable member institutions with assets over \$100 million were invited to participate in a study of investment policy and benchmarking. A total of 265 institutions were sent surveys; 138 members chose to participate.
- Not all institutions answered all questions in the survey. Therefore, some data may represent responses from a pool of institutions smaller than the total universe of survey respondents (138). Data from questions that reflect significant abstentions are noted.
- Institutions were asked if they use a benchmark to evaluate each asset class. Possible responses included: Yes, we invest in and benchmark the asset class; No, we use a manager(s) that invests in multiple asset classes making this benchmark inappropriate; No, we invest in the asset class but do not use a composite benchmark; or No, we do not invest in the asset class.
- Benchmark descriptions in the appendix are presented in aggregate form due to the large amount of variation (e.x., Fifty-two institutions use the T-Bill plus a hurdle rate ranging between 300 and 800 bps to benchmark the Total Marketable Alternatives composite. These responses are presented in aggregate as T-Bill + bps).



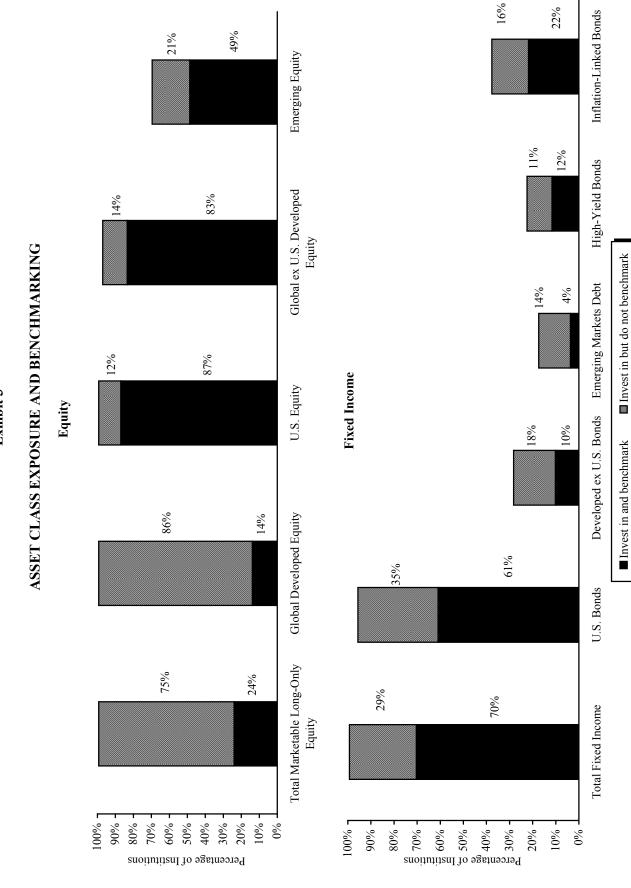


Note: A total of 91 institutions reported their total portfolio target.



Percentages will not add to 100% due to institutions that use more than one type of total portfolio benchmark.



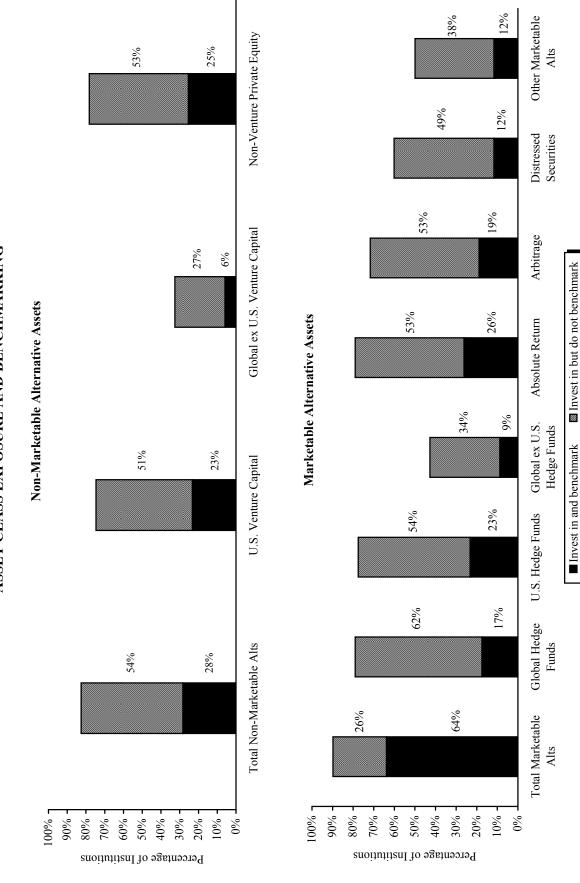


Note: Totals will not sum to 100% due to institutions that do not invest in the asset class.



Exhibit 3 (continued)

ASSET CLASS EXPOSURE AND BENCHMARKING



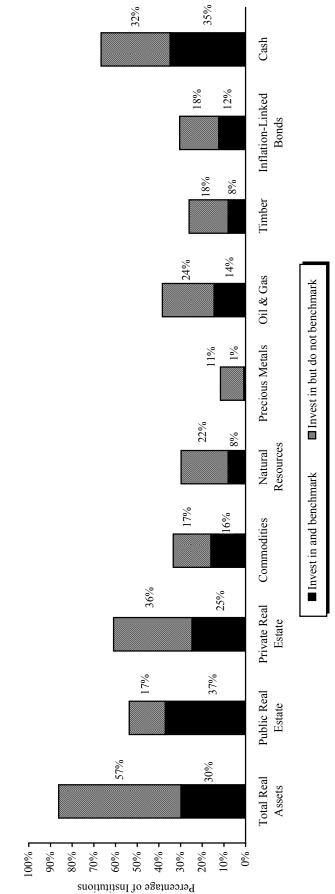
Note: Totals will not sum to 100% due to institutions that do not invest in the asset class.



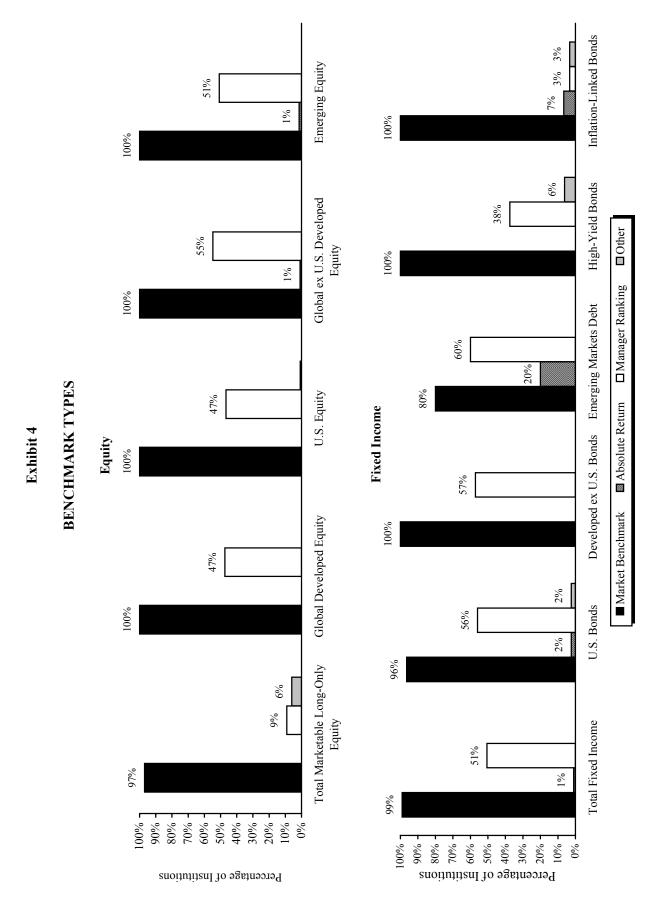
Exhibit 3 (continued)

ASSET CLASS EXPOSURE AND BENCHMARKING





Note: Totals will not sum to 100% due to institutions that do not invest in the asset class.

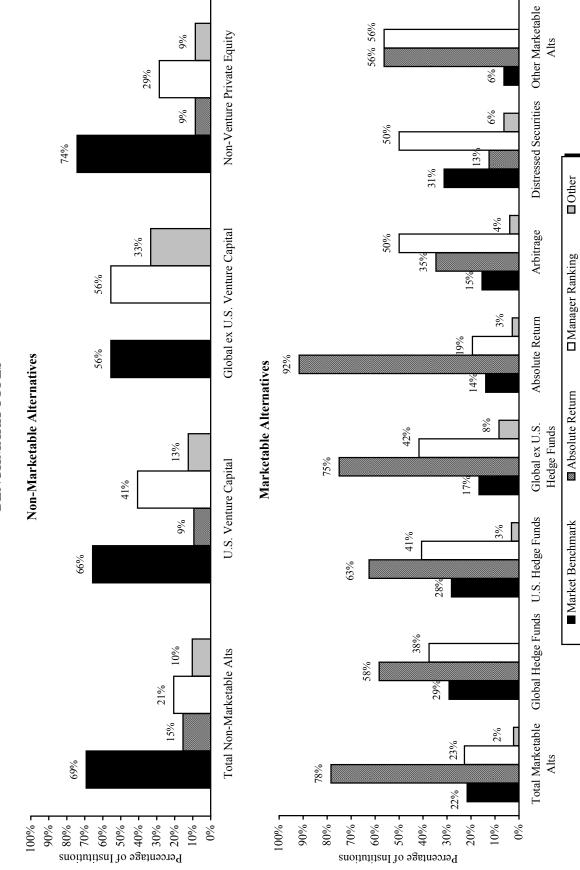


Notes: Numbers based on the percentage of institutions invested in the asset class that use each type of benchmark. Asset class totals will not sum to 100% due to institutions that use more than one type of benchmark.



Exhibit 4 (continued)

BENCHMARK TYPES



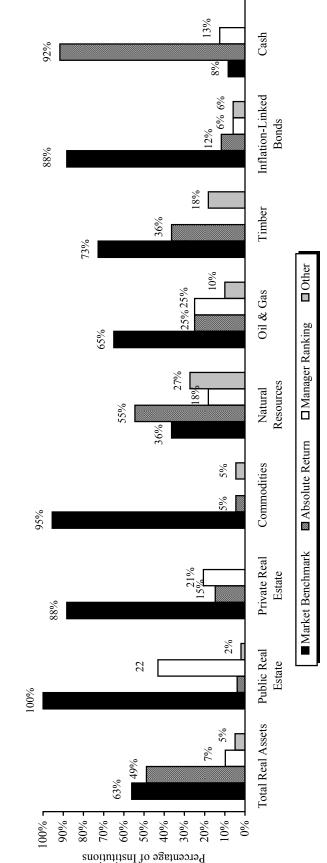
Notes: Numbers based on the percentage of institutions invested in the asset class that use each type of benchmark. Asset class totals will not sum to 100% due to institutions that use more than one type of benchmark.



Exhibit 4 (continued)

BENCHMARK TYPES

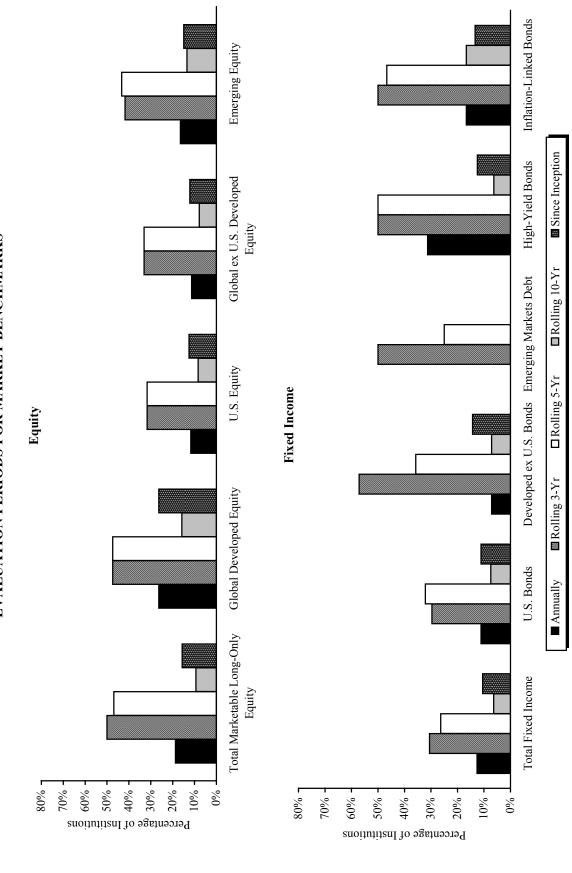
Real Assets



Notes: Numbers based on the percentage of institutions invested in the asset class that use each type of benchmark. Asset class totals will not sum to 100% due to institutions that use more than one type of benchmark.





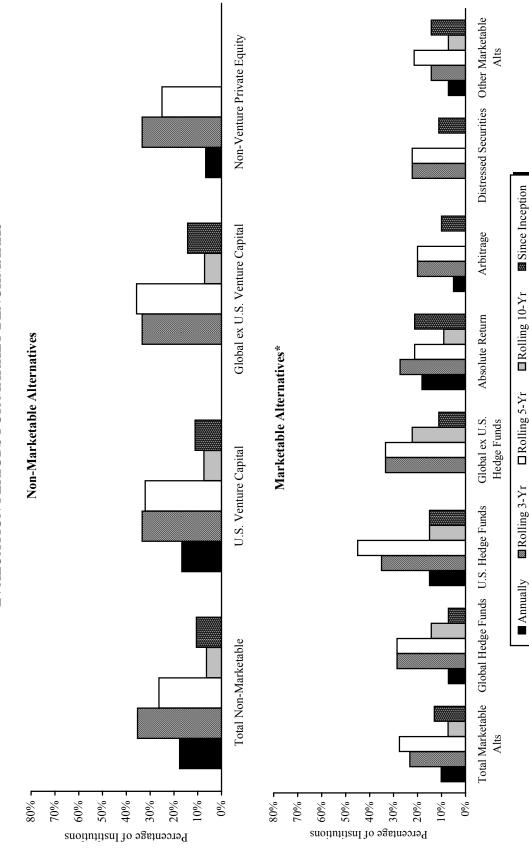


Notes: Numbers based on the percentage of institutions invested in the asset class that use each time period. Totals will not sum to 100% due to institutions that do not have a specified time period.



Exhibit 5 (continued)

EVALUATION PERIODS FOR MARKET BENCHMARKS



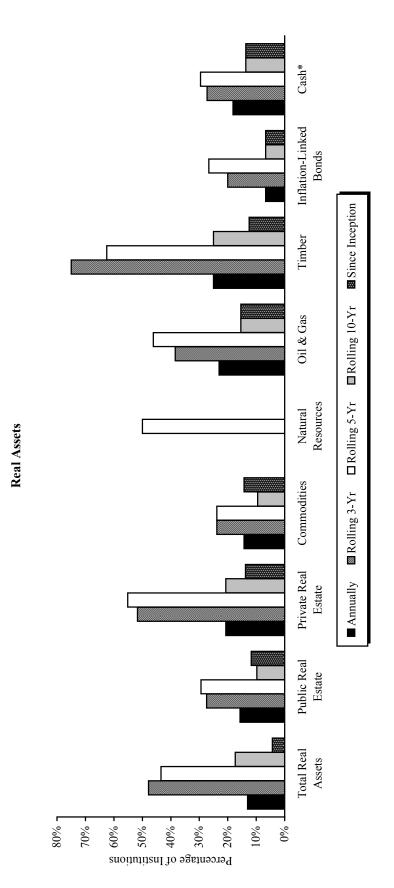
Notes: Numbers based on the percentage of institutions invested in the asset class that use each time period. Totals will not sum to 100% due to institutions that do not have a specified time period.

* Evaluation periods for Absolute Returns benchmarks not Market benchmarks. Absolute return benchmarks are more commonly used than market benchmarks to evaluate this asset class.



Exhibit 5 (continued)

EVALUATION PERIODS FOR MARKET BENCHMARKS



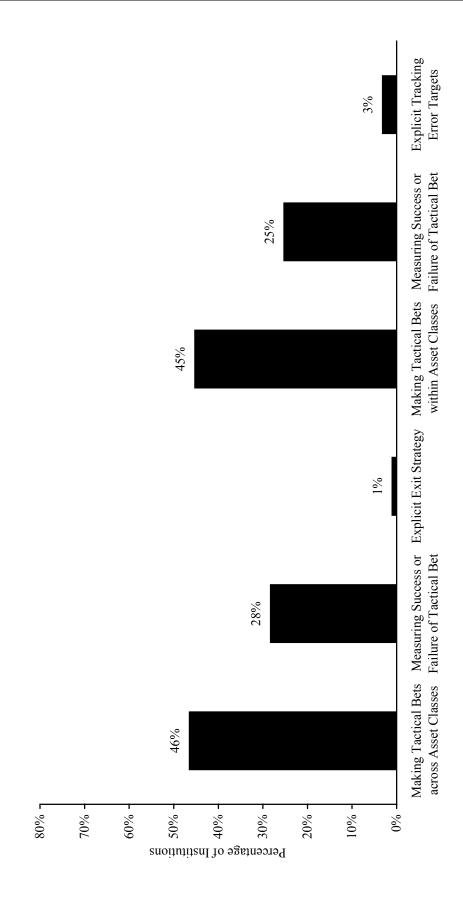
Notes: Numbers based on the percentage of institutions invested in the asset class that use each time period. Totals will not sum to 100% due to institutions that do not have a specified time period.

^{*} Evaluation periods for Absolute Returns benchmarks not Market benchmarks. Absolute return benchmarks are more commonly used than market benchmarks to evaluate Cash.



Exhibit 6

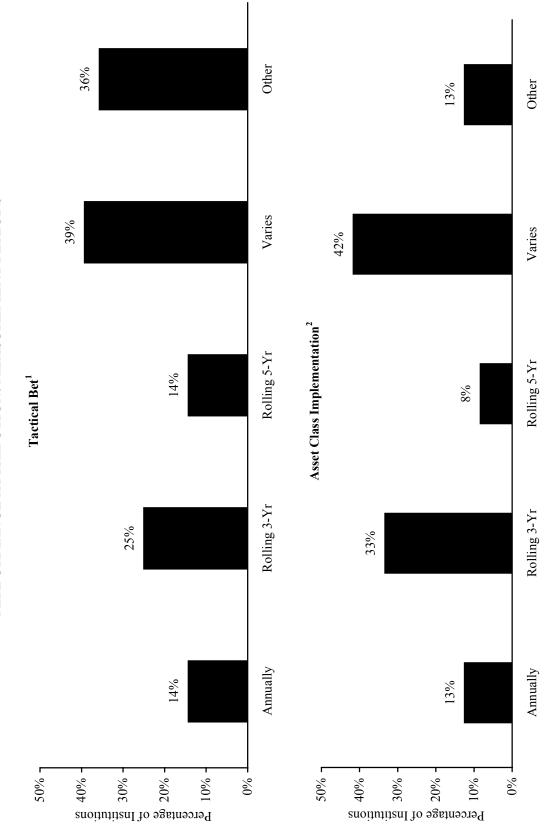
PERFORMANCE ATTRIBUTION: USE OF TACTICAL BETS AND MEASUREMENT OF SUCCESS



Note: Ninety-nine institutions submitted data about making tactical bets across asset classes.

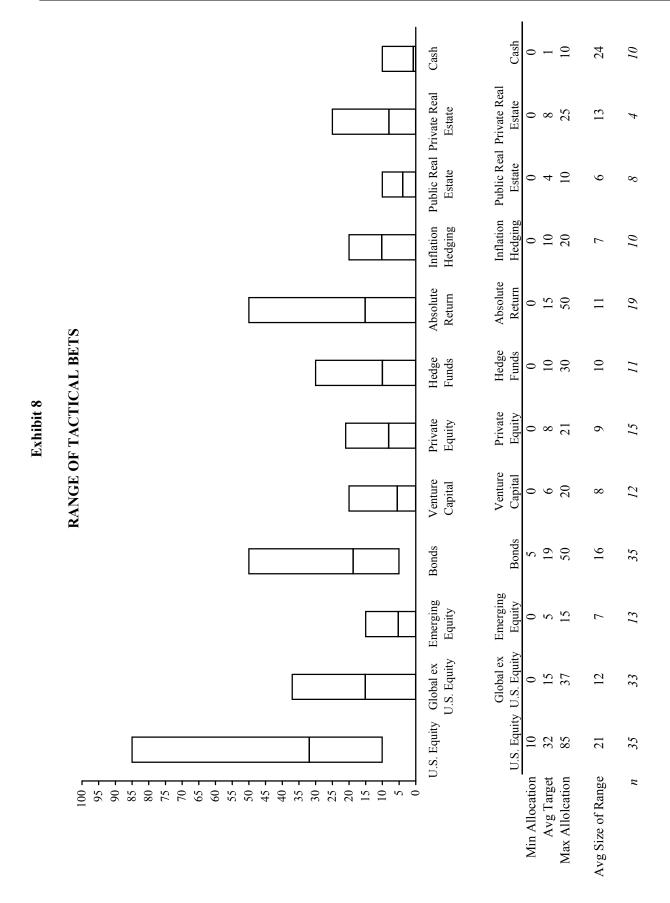


Exhibit 7



Note: Totals will not sum to 100% due to institutions that do not have a specified time period.

¹ Of the 46 institutions that make tactical bets, 28 measure them.

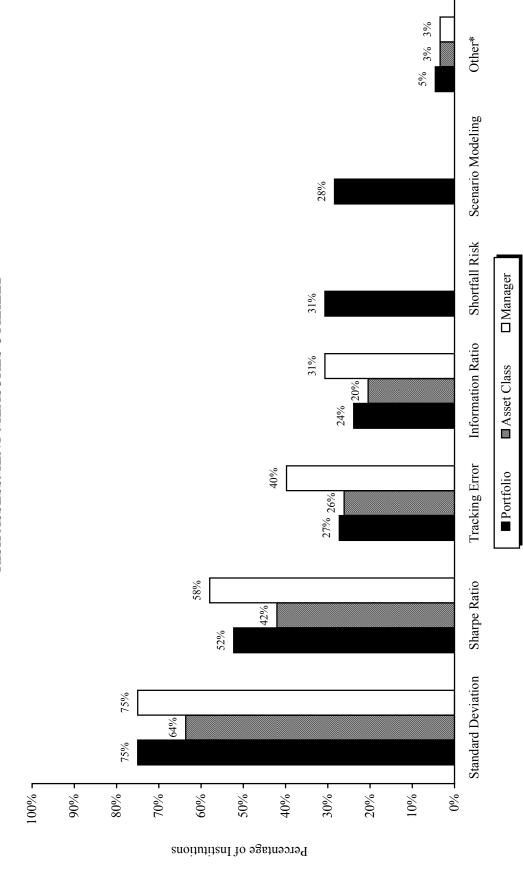


Notes: Forty-six institutions make tactical bets across asset classes. Thirty-five of them provided details of the allowable range of tactical bet.





RISK ASSESSMENT MEASURES UTILIZED

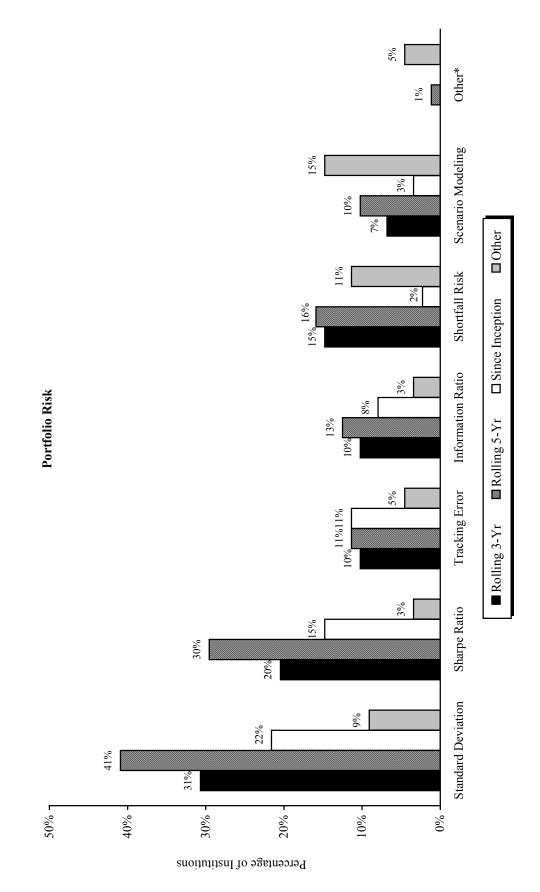


Notes: Eighty-eight institutions submitted data about risk measures. Shortfall risk and scenario modeling not applicable at the asset class and manager levels. * Other includes target semi-deviation, Jensen measure, VAR, and measuring the policy not the portfolio.



Exhibit 10

EVALUATION PERIODS FOR RISK ASSESSMENT MEASURES



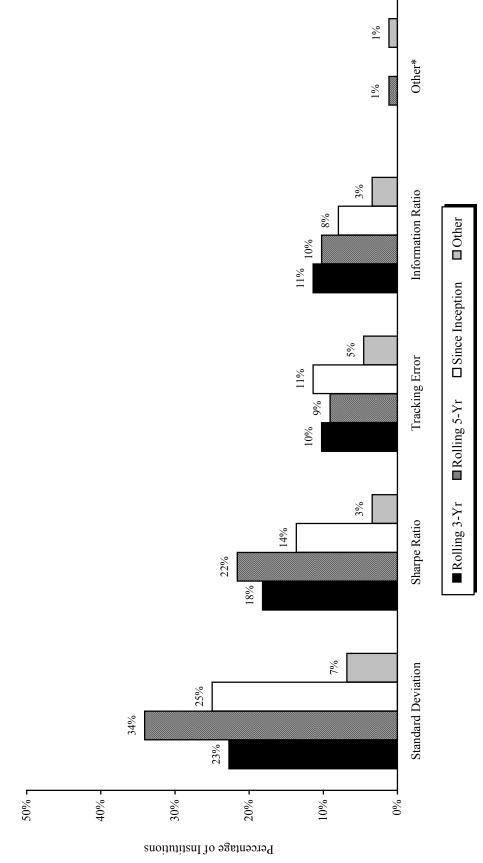
Note: Eighty-eight institutions submitted data about risk measures. * Other includes target semi-deviation, Jensen measure, VAR, and measuring the policy not the portfolio.



Exhibit 10 (continued)

EVALUATION PERIODS FOR RISK ASSESSMENT MEASURES



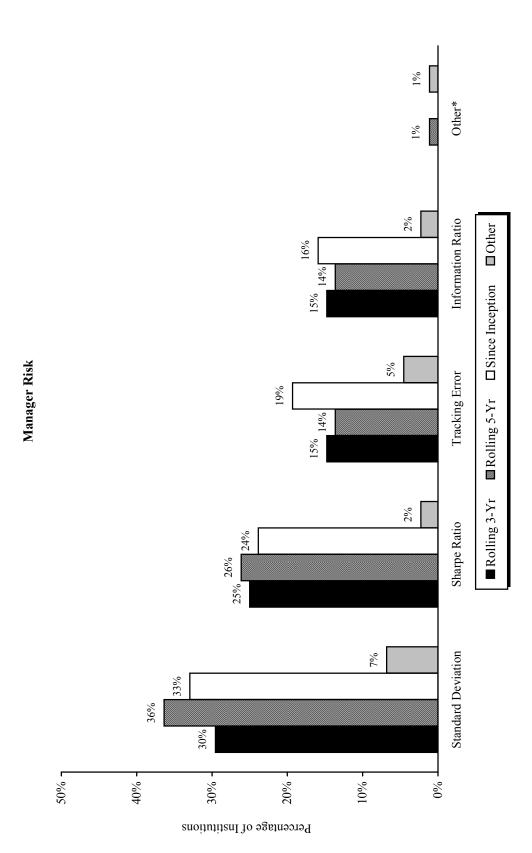


Notes: Eighty-eight institutions submitted data about risk measures. Shortfall risk and scenario modeling not applicable at the asset class and manager levels. * Other includes target semi-deviation, Jensen measure, VAR, and measuring the policy not the portfolio.



Exhibit 10 (continued)

EVALUATION PERIODS FOR RISK ASSESSMENT MEASURES



Notes: Eighty-eight institutions submitted data about risk measures. Shortfall risk and scenario modeling not applicable at the asset class and manager levels. *Other includes target semi-deviation, Jensen measure, VAR, and measuring the policy not the portfolio.



Exhibit 11

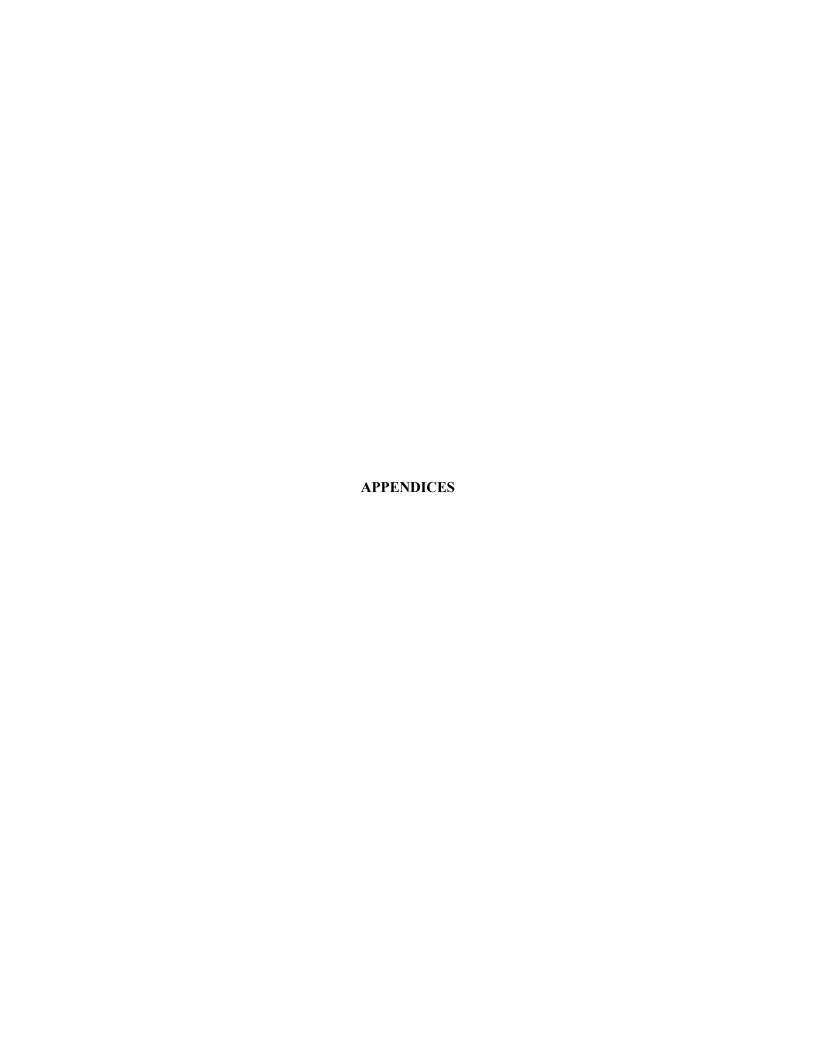
COMBINATIONS OF RISK MEASUREMENTS

				Portfoli	o Risk			
No Risk Measures	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio	Shortfall Risk	Scenario Modeling	Other Combination	Number of Institutions Using these Risk Measures
X								22
	X	X						15
							X	13
	X							11
	X	X	X	X	X	X		6
	X	X	X	X				6
	X	X			X			5
	X					X		3
	X		X		X	X		3
	X		X	X	X	X		2
	X	•	X	X	X	X		2

			Asset C	lass Risk		
No Risk Measures	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio	Other Combination	Number of Institutions Using these Risk Measures
X						28
	X	X				17
					X	11
	X					16
	X	X	X	X		11
	X		X			3
	X		X	X		2

			Manag	ger Risk		
No Risk Measures	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio	Other Combination	Number of Institutions Using these Risk Measures
X						19
	X	X				21
					X	13
	X					10
	X	X	X	X		20
	X		X			2
	X		X	X		3

Notes: Eighty-eight institutions provided data on risk measures. Sixty-seven institutions use some type of risk measure at the portfolio level. Sixty institutions use some type of risk measure at the asset class level. Sixty-nine institutions use some type of risk measure at the manager level.





Appendix A

SURVEY RESULTS: ASSET CLASS BENCHMARK DESCRIPTIONS

	SONYET NESCETS: ASSET CLASS BENCHMANN DESCRIPTIONS	DENCIMIA	AN DESCAIL HONS	
A cost Clace/Strateox	Market Benchmark		Manager Ranking	
Asset Class/Bitategy	Description	# of Inst.	Description	# of Inst.
	S&P 500	4	CA US Equity (ex small cap) Manager Median	1
	Dow Jones Wilshire 5000	3	CA Equity Manager Median	1
I Total Mithle I and Only Equity	MSCI World	3	CA Global Equity Manager Median	1
1. Total Miktore Long-Only Equity	Dow Jones Wilshire 5000 and MSCI EAFE	Э		
	Other	8		
	Other Customized Benchmark	II		
	MSCI World	8	CA Global Equity Manager Median	3
	MSCI EAFE	Э	CA Global ex US Equity Manager Median	2
A. Global Developed Equity	Other	5	CA US Equity (ex small cap) Manager Median	1
	Other Customized Benchmark	3	Northern Trust Manager Median	1
			Wilshire Universe of Managers Mean and Median	1
	Russell 3000	40	CA US Equity (ex small cap) Manager Median	35
	S&P 500	37	CA US Equity Manager Median	18
i II S Equity	Wilshire 5000	25	Evaluation Associates Top Quartile	1
i. C.S. Equity	S&P 500 and Russell 2000	9	Northern Trust Manager Median	1
	Other	5	Wilshire Universe of Managers Mean and Median	1
	Other Customized Benchmark	7		
	MSCI EAFE	72	CA Global ex US Equity Manager Median	59
	MSCI All Country World ex US	21	Evaluation Associates Top Quartile	1
ii. Global ex U.S. Dev. Eqty	MSCI World ex US	6	Northern Trust Manager Median	1
	Other	2	Rogers Casey Peer Group	1
	Other Customized Benchmark	II	Wilshire Universe of Managers Mean and Median	1
	MSCI Emerging Markets	51	CA Emerging Markets Equity Manager Median	30
	MSCI All Country World ex US	S	CA Global Emerging Markets Manager Median	1
R Emerging Equity	S&P/ IFC Global Composite	4	CA Global ex US Equity Manager Median	1
D. Linciging Equity	S&P/ IFC Investible Composite	3	Wilshire Universe of Managers Mean and Median	1
	Other	I		
	Other Customized Benchmark	3		
		İ		

Note: Some respondents listed market benchmarks much broader or more narrow than the listed asset classes. In most cases, these responses were rolled into "Other." "Other Customized" is a weighting of multiple benchmarks.



SURVEY RESULTS: ASSET CLASS BENCHMARK DESCRIPTIONS

A sset Class/Strategy	Market Benchmark		Manager Kanking	
	Description	# of Inst.	Description	# of Inst.
	Lehman Aggregate Bond Index	52	CA Bond Manager Median	27
	Lehman Gov't/Credit Bond Index	17	CA Core Bond Manager Median	12
nuZ	Lehman Government Bond Index	5	CA Core Plus Bond Manager Median	5
II. Total Fixed Income	Other	8	CA Convertible Bond Manager Median	1
	Other Customized Benchmark	14	CA Intermediate-Term Bond Manager Median	1
			Northern Trust Manager Median	1
			Wilshire Universe Managers Mean and Median	1
	Lehman Aggregate Bond Index	52	CA Bond Manager Median	23
	Lehman Gov't/Credit Bond Index	14	CA Core Bond Manager Median	10
	Other	6	CA Core Plus Bond Manager Median	9
A II & Bonds	Other Customized Benchmark	9	CA US Bond Manager Median	4
A. C.S. Donds			CA Convertible Bond Manager Median	1
			CA Intermediate-Term Bond Manager Median	1
			Rogers Casey Median	1
			Wilshire Universe Managers Mean and Median	1
8 B Develoned Global/ Global ev	Citigroup Non-US \$ World Gov't Bond Index	3	CA Global ex US Bond Manager Median	5
E. Developed Global Global ex	Citigroup World Gov't Bond Index	2	CA Global Bond Manager Median	2
C.S. Donas	Other	8	Wilshire Universe of Managers Mean and Median	1
C Emercina Merkets Bonds	JP Morgan Emerging Markets Bond Index Plus	3	CA Emerging Markets Debt Manager Median	2
C. Emerging ivialnets bollus	JP Morgan EMBI Global Index	1	Wilshire Universe of Managers Mean and Median	1
	Merrill Lynch High Yield Master II Index	8	CA High Yield-Bond Manager Median	5
D. High-Yield Bonds	Other	9	Rogers Casey Peer Group	1
	Other Customized Benchmark	2		
	Lehman US TIPs Index	20	CA Inflation-Linked Bond Manager Median	1
F Inflation-I inked Bonds	Lehman 10+ Yr US TIPs Index	2		
L. Hillandir Limon Donas	Lehman 1-10 Yr TIPS Index	2		
	Other	9		

Note: Some respondents listed market benchmarks much broader or more narrow than the listed asset classes. In most cases, these responses were rolled into "Other." Other Customized" is a weighting of multiple benchmarks.



SURVEY RESULTS: ASSET CLASS BENCHMARK DESCRIPTIONS

A cost (Tace/ Ctratamy	Market Benchmark		Manager Ranking	
Asset Class/Buaregy	Description	# of Inst.	Description	# of Inst.
	50% CA Private Equity, 50% CA Venture Capital	8	CA Vintage Year Mean	3
	Russell 3000 + bps	5	Other Customized Benchmark	5
III Total Non Markatabla	Wilshire 5000 + bps	3		
III. I Otal INOII-infainctable	Other	6		
	Other Customized Benchmark	2		
	CA U.S. Venture Capital Index	4	CA Venture Capital Vintage Year Mean and Median	13
	Russsell 3000 + bps	4		
A. U.S. Venture Capital	Venture Economics IRRs	4		
	Other	8		
	Other Customized Benchmark	I		
	Russell 3000 + bps	2	CA Venture Capital Manager Median	3
B. Global ex U.S. Venture Cap	Venture Economics Vintage Year IRR	2	Venture Economics Median	2
	Russell 3000	1		
	CA Private Equity Index	5	CA Private Equity Vintage Year Mean and Median	10
	Russell 3000 + bps	9		
	Various Venture Economics IRRs	4		
C Non-Venture Private Family	Wilshire 5000 + bps	2		
C. Ivon-Venture I IIvate Equity	S&P 500 + bps	2		
	Russell 2000 + bps	2		
	Other	4		
	Other Customized Benchmark	I		

Note: Some respondents listed market benchmarks much broader or more narrow than the listed asset classes. In most cases, these responses were rolled into "Other." "Other Customized" is a weighting of multiple benchmarks.



SURVEY RESULTS: ASSET CLASS BENCHMARK DESCRIPTIONS

	Market Benchmark		Absolute Return		Manager Ranking	
Asset Class/Strategy	Description	# of Inst.	Description	# of Inst.	Description	# of Inst.
	Credit Suisse/Tremont Hedge Fund Index	4	T-Bill + bps	52	CA Fund of Funds HF Mgr Median	11
	S&P 500	3	CPI-U + bps	6	CA Fund of Funds HF & CA HF Mgr Medians	8
IV Total Marketable Alt	Other	3	T-Bill times multiple	3	CA Hedge Fund Manager Median	3
1 V . 1 Ctal Iviai Netaolo 1 Mic.	Other Customized Benchmarks	6	US LIBOR 3-Month + bps	2	CA Fund of Funds Mgr Median	-
			1 yr Constant Maturity Treasury Index + bps		CA Vintage Year Mean & Median	-
			1,000 bps	1	Evaluation Assoc. Top Quartile	-
			Other Customized Benchmarks			
	Credit Suisse/Tremont Long/Short Equity Index	1	T Bill + bps	6	CA US L/S Hedge Fund Mgr Median	3
	MSCI World Index	П	CPI-U + bps	3	CA Global HF Mgr Median	2
A. Global Hedge Funds	A. Global Hedge Funds Other Customized Benchmarks	5	1,000 bps	1	CA Fund of Funds HF Mgr Median	2
			T-Bill times multiple	1	CA Fund of Funds HF & CA HF Mgr Medians	-
					CA Vintage Year Mean & Median	1
	S&P 500	4	T-Bill + bps	13	CA Hedge Fund Manager Median	6
	CS/Tremont Long/Short Equity Index	2	CPI-U+bps	2	CA Fund of Funds HF Mgr Median	3
i. U.S. Hedge Funds	Wilshire 5000	2	1,000 bps	1	CA Vintage Year Mean & Median	1
	Other Customized Benchmarks	1	T-Bill times multiple	1		
			Other Customized Benchmarks	3		
	CS/Tremont Long/Short Eqty Index	2	T-Bill + bps	5	CA Hedge Fund Manager Median	2
ii. Global ex U.S.			Other	3	CA Fund-of-Funds HF Mgr Median	1
Hedge Funds			Other Customized Benchmarks	I	CA Global HF Mgr - top third	1
					CA Vintage Year Mean and Median	1

Note: Some respondents listed market benchmarks much broader or more narrow than the listed asset classes. In most cases, these responses were rolled into "Other." Other Customized" is a weighting of multiple benchmarks.



SURVEY RESULTS: ASSET CLASS BENCHMARK DESCRIPTIONS

	Market Benchmark		Absolute Return		Manager Ranking	
Asset Class/Strategy	Description	# of Inst.	Description	# of Inst.	Description	# of Inst.
	CS/Tremont Long/Short Eqty Index	-	T-Bill + bps	25	CA Fund of Funds Hedge Fund Manager Median	2
D Absolute Detuca	Credit Suisse/Tremont L/S Multi- Strategy Index	1	CPI-U + bps	4	CA Event Arbitrage Mgr Median	2
D. Absolute Netulli	HFR Fund of Funds Index	1	1 yr Constant Maturity Index +bps	1	CA Hedge Fund Manager Median	1
	MSCI World Index	1	1,000 bps	1	CA Diversified Arb Mgr Median	-
	S&P 500	1	T-Bill times multiple + bps	1	CA Abs Return Mgr Median	1
			3-month US \$ Libor + bps	1		
	Credit Suisse/Tremont Event Arb	1	T-Bill + bps	2	CA Diversified Arb Mgr Median	6
	Credit Suisse/Tremont Multi-Strategy	П	CPI-U + bps	ε	CA Fund of Funds HF Mgr Median	-
i. Arbitrage	Credit Suisse/Tremont indices	1	Other Customized Benchmarks	I	CA General Arb Mgr Median	-
	S&P 500	П			CA Convertible, Event, and Diversified	2
	Altman-NVII Salomon Ctr Defaulted					
-	Public Bonds & Bank Loans Index	7	T-Bill + bps	_	CA Distressed Securities Mgr Median	4
11. Distressed	Credit Suisse/Tremont Distressed	7	CPI-U + bps	-	CA Hedge Fund Manager Median	2
	Citigroup High Yield Index	1			CA Fund of Funds HF Mgr Median	1
	S&P 500	1	T-Bill + bps	7	CA Hedge Fund Manager Median	5
C. Other Mktble Alt.			CPI -U+ bps	2	CA Fund-of-Funds HF Mgr Median	2
					CA Market-Neutral HF Mgr Median	_

Note: Some respondents listed market benchmarks much broader or more narrow than the listed asset classes. In most cases, these responses were rolled into "Other." "Other Customized" is a weighting of multiple benchmarks.

SURVEY RESULTS: ASSET CLASS BENCHMARK DESCRIPTIONS

	Mediat Daniel		A L. c. L. d. D. c		Management Description	
	Market Benchmark		Absolute Keturn	F	Manager Kanking	
Asset Class/Strategy	Description	# of Inst.	Description	# of Inst.	Description	# of Inst.
	FTSE NAREIT Equity Index	8	CPI-U + bps	16	CA REIT Manager Median	7
	NCREIF Property Index	4	T-Bills + bps	1	CA US Eqty ex Sm-Cap Mgr Median	1
V. Total Real Assets	Wellington Div. Infl-Hedge Benchmark	1	Consumer Price Index	П		
	Other	2	HEPI Price Index + bps	1		
	Other Customized Benchmarks	I0				
	FTSE NAREIT Equity Index	87	CPI-U+bps	2	CA REIT Manager Median	20
	DJ Wilshire RE Securities Index	61			Evaluation Associates Top Quartile	1
A. Public Real Estate	Morgan Stanley REIT Preferred Index	8			Rogers Casey Peer Group	1
	Wilshire REIT Index + bps	7				
	Other Customized Benchmarks	I				
	NCREIF Property Index	20	CPI-U + bps	3	CA Vintage Yr Mean, Median	8
	NCREIF Property Index +/- bps	4	T-Bill + bps	1	CA Real Estate Manager Median	4
B. Private Real Estate	NCREIF Property Index, 1 Qtr Lag	7	HEPI Price Index + bps	1		
	70% NCREIF/30% NAREIT	7				
	Other	7				
	DJAIGTR Commodity Index	8	CPI-U + bps	1		
C Commoditites	Goldman Sachs Commodities Index	4				
	Other	<i>†</i>				
	Other Customized Benchmarks	5				
	Wilshire 5000 Energy Index	7	CPI-U+bps	9	CA Vintage Year Median	1
D. Natural Resources	Russell 3000 Energy Index (equal-wtd)	1			Venture Economics US PE Universe	1
	S&P 500 Energy + bps	1				
E. Precious Metals	S&P/Citigroup World Gold	1				
	Wilshire 5000 Energy Index	9	CPI-U + bps	5	CA Oil and Gas Manager	2
F. Oil & Gas	S&P 500 Energy Index	\mathcal{E}			CA US Eqty ex Sm-Cap Mgr Median	2
	Other	4			CA Private Eqty and Oil & Gas	1
G. Timber	NCREIF Timberland Index	8	CPI-U+bps	4		
	Lehman Inflation-Lnkd Bond Index	13	T-Bill	1	CA Infl-Lnkd Bonds Mgr Median	1
H. Infl-Linked Bonds	Lehman Global Real TIPs	1	CPI-U+bps	1		
	Other Customized Benchmarks	I				
	3-month LIBID	1	91-Day T-Bill	43	CA Cash Manager Median	9
VI. Cash/Cash Equiv.	I-money Net Index	1	Citigroup 30-Day T-Bill	1		
	ML Short-Term US Treasury Index 1	1				
Note: Some respondents list	ted market benchmarks much broader or mo	ore na	arrow than the listed asset classes. In mos	t cases	these responses were rolled into "Other."	

Note: Some respondents listed market benchmarks much broader or more narrow than the listed asset classes. In most cases, these responses were rolled into "Other." Other Customized" is a weighting of multiple benchmarks.



Appendix B

DESCRIPTIONS OF FREQUENTLY USED MARKET INDICES

EQUITY

Dow Jones Wilshire 5000

The DJ Wilshire 5000 Index seeks to measure the performance of all U.S. equity securities with readily available price data. Over 5,000 capitalization weighted security returns are used to adjust the index. The DJ Wilshire 5000 base is its December 31, 1980 capitalization of \$1,404.6 billion USD. Therefore, the index is an excellent approximation of dollar changes in the U.S. equity market. For instance, values of 2157.1 on 12/30/85 and 2164.7 on 12/31/85 represent an approximate increase of \$7.5 billion. As of March 2006, the index capitalization by exchange is approximately 80% NYSE, 1% AMEX, and 19% NASDAQ. In 1983, the DJ Wilshire 4500 Index was created by removing the 500 stocks in the S&P 500 from the DJ Wilshire 5000. Medium and small capitalization managers use the DJ Wilshire 4500 as a performance benchmark.

Russell 3000®

The Russell 3000® Index measures the performance of the 3,000 largest U.S. companies based on total market capitalization, which represents approximately 98% of the investable U.S. equity market. As of the latest reconstitution, the average market capitalization was approximately \$4.8 billion and the median market capitalization was approximately \$944.7 million USD. The index had a total market capitalization range of approximately \$386.9 billion to \$182.6 million USD. Sub-indices include the Russell 2000® (2,000 smallest stocks in the Russell 3000®) Russell 1000® (largest 1,000 stocks in the Russell 3000®), Russell 2500™ (smallest 500 stocks in the Russell 1000® and the entire Russell 2000®), Russell Midcap (smallest 800 companies in the Russell 1000), Russell Top 200® (the largest 200 companies in the Russell 1000®), Russell Small Cap Completeness (the companies in the Russell 3000® excluding the Standard & Poor's 500 constituents). Each of these indices has sector indices and two style sub-indices: Growth and Value.

Standard & Poor's 500

Standard & Poor's U.S. indices are designed to reflect the U.S. equity markets and, through the markets, the U.S. economy. The S&P 500 focuses on the large-cap sector of the market; however, since it includes a significant portion of the total value of the market, it also represents the market. Companies in the S&P 500 are considered leading companies in leading industries. The index seeks sector representation, for example as of March 2006 financials was the largest sector weighing 21% and utilities was the smallest at 3.2%. The S&P 500 is a member of the S&P Global 1200 family of indices. The S&P MidCap 400 represents the mid-cap range of companies, and the S&P SmallCap 600 represents small-cap companies. The three indices are combined and calculated together as the S&P Composite 1500; the S&P 500 and S&P MidCap 400 are combined to form the S&P 900; the S&P MidCap 400 and S&P SmallCap 600 are combined to form the S&P 1000. Index constituents are classified according to the Global Industry Classification Standard (GICS®).

MSCI All Country World

The MSCI All Country World Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global developed and emerging markets. The index is a combination of the MSCI World and MSCI Emerging Markets indices. The index includes securities domiciled in approximately 50 emerging and developed market countries. The index aims to represent 85% of free float-adjusted market capitalization in each industry group, in each country. There are various sub-indices

including MSCI All Country Americas, MSCI All Country Far East, MSCI All Country Europe, MSCI All Country ex EMU (European Monetary Union), and MSCI All Country ex USA.

MSCI World

The MSCI World Index is a free float-adjusted market capitalization index that is designed to measure global developed market equity performance in approximately 23 developed countries in North America, Europe, and Asia/Pacific Region. The index is calculated without dividends, with net or with gross dividends reinvested, in both U.S. Dollars and local currencies. The index aims to represent 85% of free float-adjusted market capitalization in each industry group, in each country. There are various sub-indices including MSCI EAFE (Europe, Australia, and the Far East), MSCI EASEA (EAFE ex Japan), MSCI Europe, MSCI EMU (European Monetary Union), and MSCI World ex USA.

MSCI EAFE

The MSCI EAFE Index is a free float-adjusted market capitalization index that is designed to measure developed market equity performance, excluding the US & Canada. As of March 2006, the index consisted of the following 21 developed market country indices: Australia, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Hong Kong, Ireland, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the United Kingdom.

MSCI Emerging Markets

The MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. A country is considered emerging, as opposed to developed, if its GDP per capita is not in line with that of other major economies in Europe and the Pacific. Other factors include the level of government regulation, regulatory environment, restrictions on the repatriation of capital, and the risk perception of the country. As of March 2006, the index consisted of the following 26 emerging market country indices: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Hungary, India, Indonesia, Israel, Jordan, Korea, Malaysia, Mexico, Morocco, Pakistan, Peru, Philippines, Poland, Russia, South Africa, Taiwan, Thailand, Turkey and Venezuela.

S&P/Citigroup Broad Market

The S&P/Citigroup Broad Market Index is designed to benchmark world-wide equity performance and is used as a starting universe for all other S&P/Citigroup equity benchmarks. The index is composed of companies within 27 developed markets and 26 emerging markets. Companies are selected based on a top down approach where all institutionally investable companies with at least \$100 million USD and a minimum trading value of \$25 million USD annual are included. The Broad Market Index is created on a country by country basis. Sub indices include a breakdown of primary and extended markets, national indices and sector indices.

S&P/IFC Global Composite

The S&P/IFCG indices are the core of Standard & Poor's family of emerging markets indices. They are intended to represent the performance of the most active stocks in their respective markets and to be the broadest possible indicator of market movements. The current aggregate market capitalization of S&P/IFCG index constituents exceeds 75% of the total capitalization of all domestic listed shares on the local stock exchange. Industry or regional representation is not considered as a basis for building the S&P/IFCG Index Series. For index calculation purposes, Standard & Poor's uses a holding coefficient designed to adjust market capitalization by removing all cross holdings between constituent companies, all government holdings and significant strategic holdings that exceed 20%. The S&P/IFCG Composite Index currently includes 32 markets. The S&P/IFCG index series include industry, regional and composite indices.



S&P/IFC Investable Composite

The S&P/IFCI indices are designed to measure the type of returns foreign portfolio investors might receive from investing in emerging market stocks that are legally and practically available to them. Constituents for the S&P/IFCI series are drawn from the S&P/IFCG stock universe based on size, liquidity, and their legal and practical availability to foreign institutional investors. As with S&P/IFCG indices, Standard & Poor's calculates a coefficient, called the Investable Weight Factor (IWF), to adjust market capitalization for cross, government and strategic holdings. In addition, the IWF is used to account for any foreign investment restrictions either at the national level or by the individual company's corporate statute. Some markets included in the S&P/IFCG Composite Index are not included in the S&P/IFCI Composite Index due to limits on foreign investment or a lack of stocks that meet the more stringent S&P/IFCI size and liquidity screens. The S&P/IFCI Composite index currently includes 22 markets. The S&P/IFCI index series include industry, regional and composite indices.

FIXED INCOME

Lehman Brothers U.S. Aggregate Bond

The U.S. Aggregate Index seeks to measure the investment performance of the investment grade, taxable, domestic fixed income market. The index covers all dollar-denominated, fixed-rate taxable bonds, including Treasuries, government-related and corporate securities, MBS passthrough securities, asset-backed securities, and commercial mortgage-based securities. Sub-indices include the Government, Credit, Government/Credit, Asset-Backed, and Mortgage-Backed Securities Indices as well as the intermediate-term (one- to ten-year maturity) and long-term (ten-years or greater).

Lehman Brothers U.S. Government/Credit Bond

The U.S. Government/Credit Bond Index is a capitalization weighted index generally accepted as proxy for U.S. taxable bond market. It is composed of all publicly issued, nonconvertible domestic debt of U.S. government, federal agencies, and industrials, utility, and financial corps. It includes issues rated BBB or better with maturities greater than 1 year and at least \$100 million USD par outstanding. The U.S. Government/Credit Index is equivalent to the union of the U.S. Government and U.S. Credit Indices. Prior to 2000, the index was named the U.S. Government/Corporate Index.

Lehman Brothers U.S. Government Bond

The U.S. Government Bond Index is made up of all the public obligations of the U.S. Treasury that have remaining maturities of more than one year, all publicly issued debt of U.S. Government agencies and quasifederal corporations, and corporate or foreign debt guaranteed by the U.S. Government. The U.S. Treasury Index and U.S. Agency Index are sub-indices of the U.S. Government Index. The U.S. Government Index and its components also have sub-indices based on maturity. Maturity sectors include intermediate-term (maturities of 1 up to, but not including 10 years), long-term (maturities of 10 years or more), and 20+ year indices. The U.S. Treasury and U.S. Agency indices also have callable and non-callable sub-indices, while the U.S. Agency Index has additional sub-indices based on price.

Lehman Brothers U.S. TIPS (Treasury Inflation-Protection Securities)

The U.S. Treasury Inflation-Protection Securities were initially included in the U.S. Treasury Index when they were first issued in 1997. As of December 31, 1997, they were excluded from the U.S. Aggregate Index and thus from the U.S. Treasury Index based on their separate asset class status. The U.S. TIPS Index is now a component of the Global Inflation-Linked Index group. The U.S. TIPS Index contains U.S. government TIPS issues with a \$100 million USD minimum amount outstanding and a minimum maturity of one year. Subindices include the 1-10 Year, 5+ Year and 10+ Year.

35



Lehman Brothers U.S. High-Yield Composite Bond

The U.S. High-Yield Composite Bond index is designed to measure the performance of fixed-rate, non-investment grade debt. The index is capitalization weighted and consists of issue that are U.S. Dollar denominated, fixed-rate, public non-convertible, non-investment-grade debt, and rated Ba1 or lower. Only corporate bonds are eligible for the U.S. High-Yield Index. It includes some unrated bonds with the restriction that they were originally issued as high yield. Issues must have minimum outstanding par of \$150 million USD and must have minimum of 1 year till maturity. Additionally, Pay-in-kind (PIK) bonds, Eurobonds, and debt issues from countries designated as emerging markets (sovereign rating of Baa1/BBB+ and below using the middle of Moody's S&P, and Fitch) are excluded, but Canadian and global bonds (SEC registered) of issuers in non-Emerging Markets countries are included. On January 1, 1998, Lehman Brothers added 144A securities to this index, and, as of July 1, 2000, defaulted securities were removed from the U.S. High-Yield Index.

Citigroup World Government Bond Index (WGBI)

The World Government Bond Index is a market capitalization weighted benchmark that tracks the performance of the 22 government bond markets. The countries represented include Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Japan, the Netherlands, Norway, Poland, Portugal, Singapore, Spain, Sweden, Switzerland, the United Kingdom, and the United States. Market eligibility is determined by market capitalization and investability criteria. Once a market satisfies these criteria, it is added to the WGBI beginning with the next month's profile.

Citigroup U.S. BIG (Broad Investment-Grade Bond)

The Citigroup Broad Investment-Grade Bond Index seeks to provide institutional investors with a benchmark for the performance of the U.S. Treasury, agency, mortgage and corporate securities. The market capitalization weighted index includes issues that meet a size requirement, have a minimum maturity of one year and have a minimum rating of BBB-. The index excludes floating or variable-rate bonds, private placements, and derivative securities.

Citigroup 3-Month Treasury Bill

The Citigroup 3-Month Treasury Bill Index represents the monthly return equivalents of yield averages which are not marked to market. This index is an average of the last three three-month Treasury bill issues. Equal dollar amounts of three-month Treasury bills are purchased at the beginning of each of three consecutive months. As each bill matures, all proceeds are rolled over or reinvested in a new three-month bill. The income used to calculate the monthly return is derived by subtracting the original amount invested from the maturity value.

Citigroup U.S. High-Yield Market

The Citigroup U.S. High-Yield Market Index is a market-cap weighted index that captures the performance of below investment grade debt issued by U.S. and Canadian corporations. This broad high yield market index covers public, nonconvertible, non-floating rate, cash-pay, and deferred interest securities. Issues must meet a 1 year maturity minimum, various outstanding debt requirements and a quality rating between BB+ and C by S&P. Sub-indices include the Citigroup High-Yield Cash-Pay and the Cash-Pay Capped indices.

Citigroup Inflation-Linked Securities

The Citigroup Inflation-Linked Securities Index measures bonds with fixed rate coupon payments that adjust for inflation as measured by Consumer Price Index. All bonds must have a minimum maturity of one year and

a minimum amount outstanding of \$1 billion for both entry and exit. The index is comprised of Treasury securities only.

Merrill Lynch Corporate & Credit Master

The Merrill Lynch Corporate and Credit Master Indices are created to follow the performance of U.S. dollar-denominated investment grade government and corporate public debt issued in the United States domestic bond market. Qualifying bonds must have at least 1 year remaining term to maturity, a fixed coupon schedule and a minimum debt outstanding of \$1 billion for U.S. Treasuries and \$150 million USD for all other securities. As of March 2006, the market capitalization for the index was \$5.6 trillion USD. Sub-indices are constructed over multiple maturity buckets.

Merrill Lynch U.S. Treasury Bills & Notes/Bonds Under 1 Year

The Merrill Lynch U.S. Treasury Bills/Bonds under 1-Year indices represents the performance of short term fixed income investments. The indices consist of a single note or bill that matures closes to the targeted maturity range. Historical data for these indices are available back to 1977 for the 3 and 6-month Bills, 1991 for the 1-Year Bill and 1992 for the aggregate Treasury Bill Indices.

Merrill Lynch 3-month Treasury Bill

The Merrill Lynch 3-month Treasury Bill, also know as the 91-day Treasury Bill, is considered the risk-free rate of return because it is backed by the U.S. government and its shortest maturity available on the public market. The index is comprised of a single issue that matures closest to, but not beyond 3 months. The issue is purchased at the beginning of the month and sold and rolled into a newly selected issue at the end of the month. The index usually holds the Treasury bill issued at the most recent 3-month auction, the index allows for seasoned 1-Year Bills to be selected.

Merrill Lynch U.S. High Yield Master II

The Merrill Lynch U.S. High Yield Master II is designed to benchmark the performance of below investment grade U.S. dollar-denominated corporate bonds publicly issued in the U.S. domestic market. The issues in the index must have at least one year remaining term to maturity, a fixed coupon schedule, a minimum amount outstanding of \$100 USD and be rated by a Moody's and S&P composite as below investment grade. As of March 2006, the index had more than 1,800 issues.

J.P. Morgan Broad Government Bond

The JPMorgan Broad Government Bond Index covers an extensive range of sovereign bond markets for international investors interested in global debt markets. The index includes fixed-rate, domestic government bonds from developed and emerging debt markets that are freely accessible to foreign investors. The government debt markets must be stable, liquid, and actively traded, with sufficient scale and regular issuance. The index was originally composed of government debt from Japan, the United States, Germany, France, Italy, the United Kingdom, Spain, Belgium, Canada, Netherlands, Denmark, Sweden, Australia (the JPMorgan Global Government Bond Index), plus Finland, Ireland, New Zealand, Portugal, and South Africa. The index has since grown to cover 27 government debt markets, including Singapore, Hong Kong, Korea, Poland, Mexico, Hungary, Greece, Austria, and the Czech Republic. Sub-indices include the Global Government Bond Index and sovereign indices.

J.P. Morgan Emerging Markets Bond Index Global

The JPMorgan Emerging Markets Bond Index Global is designed to benchmark the emerging markets universe. This comprehensive market capitalization weighted index is comprised of U.S. Dollar denominated Brady Bonds, Eurobonds, and traded loans issued by sovereign and quasi-sovereign entities. Countries are



included in the index based on their World-Bank defined per capita income levels and their debt-restructuring history. As of March 2006, the JPMorgan Emerging Markets Bond Index Global consisted of 33 countries.

J.P. Morgan Emerging Markets Bond Index Plus

The JPMorgan Emerging Market Bond Index Plus is designed as a liquid emerging markets debt benchmark. It limits the universe of the EMBI Global by placing a strict liquidity requirement involving a minimum size, average monthly bid/ask spread and number of designated brokers providing daily quotes. Additionally, the JPMorgan Emerging Market Bond Index Plus limits the universe by requiring a country rating of BBB+ or below. As of March 2006, the JPMorgan Emerging Market Bond Index Plus consisted of 18 countries.

MARKETABLE ALTERNATIVES

Altman-NYU Salomon Center Defaulted Public Bonds and Bank Loans

The Altman-NYU Solomon Center index of Defaulted Public Bond and Bank Loans measures the investment performance of the U.S. and Canadian defaulted debt universe. The market capitalization weighted index includes all public, nonconvertible corporate debt issues that have either filed for bankruptcy or have defaulted on a scheduled interest or principal payment. In an effort to avoid distorted performance, no one issuer is allowed to represent more than 10% of the size of the index in terms of market value. Sub-indices include the Index of Defaulted Public Bonds which was commenced in December 1986 and the Index of Defaulted Bank loans which commenced in December of 1995.

Credit Suisse/Tremont Hedge Fund

The Credit Suisse/Tremont Hedge Fund Index is an asset weighted composite index based on 10 hedge fund investment strategies. The index uses asset weighting, as opposed to equal weighting in an effort to provide a more accurate depiction of an investment in the asset class. The sectors cover convertible arbitrage, dedicated short bias, emerging markets, equity market neutral, event driven, fixed-income arbitrage, global macro, long-short equity, managed futures, and multi strategy. The index seeks to cover at least 85% of the assets under management for each strategy and currently covers more than 900 funds. The fund universe is subject to three constraints: a minimum of \$50 million USD, at least one year of tracked records and up to date audited financial statements. The performance data is net of fees. Sub-indices include strategy specific indices and a further break down of the event driven index strategy into distressed, multi-strategy and risk arbitrage.

Hedge Fund Research, Inc. Fund of Funds Composite

The HFRI Fund of Funds Composite Index is designed as a performance benchmark for fund of funds managers. The index is equal-weighted and includes both domestic and off-shore funds. The fund universe is particularly broad with neither a minimum asset nor a track record requirement. The performance data is net of fees. As of March 2006, the HFRI Fund of Funds Composite Index held more than 750 constituent funds.

Dow Jones Wilshire Real Estate Securities Index

The DJ Wilshire Real Estate Securities Index is a market capitalization weighted index that is designed to benchmark the performance of real estate held by institutional investors. The index consists of publicly traded real estate securities and real estate operating companies. As of March 2006, the index held 95 companies with a market capitalization of approximately \$160 billion USD. To be included in the index a company must derive 75% of its revenue from the ownership and operation of real estate assets, have a market capitalization of more than \$200 million USD and maintain liquidity standards. The DJ Wilshire REIT Index is the largest subcomponent of the DJ Wilshire Real Estate Securities Index with a market capitalization of approximately \$145 billion or 91% of the parent index. There are ten sub-indices broken down by industry classification.

Morgan Stanley REIT Preferred

The MS REIT Preferred Index is a preferred stock, market capitalization weighted, total return index of all exchange-traded perpetual preferred securities of equity REITs. The index is composed of publicly traded preferred REIT stocks, including equity and hybrid REITs, as well as preferred REIT stocks with indexed yields. MSCI uses the Laspeyres' principle of a weighted arithmetic average together with the concept of chain linking to calculate the index. This principle effects corporate event adjustments to the index's next day market capitalization.

Investment Property Database United Kingdom Monthly All Fund

The IPD U.K. Monthly Index is a fast-moving indicator of the current U.K. real estate market conditions. The index is composed of more than 3,500 properties drawn from leading property unit trusts, pooled pension schemes and unit-linked insurance funds. As of March 2006, the index had a market capitalization of approximately £40 billion pounds or 10% of the total U.K. market. Performance data is compiled from valuation and management records for individual buildings in complete portfolios, collected direct from investors. Total returns is calculated from the sum of income return and capital growth. The All Fund index spans the all three property types: retail, office and industrial. Additional indices include the quarterly and annual IPD U.K. indices that have increased coverage. IPD also offers other national real estate market indices as well as a Pan-European index.

FTSE NAREIT U.S. Real Estate

The FTSE NAREIT U.S. Real Estate Index is a widely acknowledge benchmark for the U.S. REIT market. The index is composed of all tax-qualified equity REITs listed on the NYSE, AMEX, and NASDAQ. An equity REIT is defined as a company that receives 75% or more of its annual gross income from equity ownership income. To be included in the index the REITs must have a minimum market capitalization of \$100 million USD and meet a 0.5% monthly turnover liquidity rule. This index had a market value of approximately \$350 billion USD as of March 2006. Sub-indices of the FTSE NAREIT U.S. Real Estate Index include the Equity REITs, Mortgage REITs, and Hybrid REITs.

NCREIF Property

The NCREIF Property Index is a quarterly market capitalization weighted index that follows the investment performance of institutionally-held properties acquired in the private market for investment purposes. All NCREIF properties have been acquired to some degree on behalf of tax-exempt institutional investors. Property types are limited to apartments, hotels, industrial properties office buildings and retail and must be 60% occupied when entering the index. As of March 2006, the index consisted of more than 4,700 properties and had a market value in excess of \$200 billion USD. Properties are valued according to according to REIS standards which are considered appraisal values. The NCREIF Property Index total returns can be broken into three components: income, capital, and total.

Mount Lucas Management Index

Mount Lucas Management Index is created to benchmark the performance of the futures market by tracking the actively traded futures contracts for a basket of commodities, global bonds, and currencies. The index is designed to give investors a passive, a non-correlated, liquid, alternative asset class benchmark. The diverse portfolio of 22 liquid futures contracts consists of 11 commodities, 6 currencies, and 5 global bond market contracts as of March 2006. The sub-sectors are weighted by the relative historical volatility with contracts weighted equally within sectors.

COMMODITIES

Dow Jones-AIG Commodity

The DJ,-AIG Commodity Index seeks to provide a highly liquid benchmark offering broad exposure to commodities as an asset class. The index is a composite of 19 rolling futures commodity contracts. The index consists of the following commodities: aluminum, coffee, copper, corn, cotton, crude oil, gold, heating oil, lean hogs, live cattle, natural gas, nickel, silver, soybeans, soybean oil, sugar, unleaded gasoline, wheat and zinc. Commodity weightings within the index are primarily based on the commodities liquidity but dollar-adjusted production data is also considered by the committee. Additionally, no one commodity group can constitute more than 33% of the index and no single commodity may weigh less than 2% or more than 15% of the index. Sub-indices include a total return index that reflects the return based on a fully collateralized investment, indices representing the nine major commodity sectors, single commodity indices, and foreign currency denominated indices.

Goldman Sachs Commodity Index (GSCI)

The Goldman Sachs Commodity Index is designed to benchmark the investment performance in the commodity markets. The composite index is created from a basket of rolling futures contracts that broadly represent commodities. Commodities are chosen based on their liquidity and investability characteristics; currently there are 24 commodities. The individual sector returns are calculated on a fully-collateralized basis with full reinvestment and weighted by their respective world production quantities. The weights are determined by the average quantity of production in the last five years. As of March 2006, the Energy subsector comprised approximately 70% of the index. Goldman Sachs publishes three commodity indices: Total Return (described above), Excess Return, and Spot. The Total Return index is the most comparable to other asset class indices. Additional indices include the GSCI Reduced Energy, Light Energy and Ultra Light Energy, all of which use different calculations to decrease the weighting of energy. Individual indices exist for each sub-sector: energy, industrial metals, precious metals, agriculture, and livestock.

INFLATION

Consumer Price Index

The Consumer Price Index measures the changes in the prices paid by urban consumers for a representative basket of goods and services. Commonly referred to as the CPI, this index is used as the standard for measuring inflation. As such, the index is often used to adjust economic and financial data from current (nominal) terms to inflation-adjusted (real) terms. The CPI-U and the CPI-W provide specialized coverage. The CPI-U includes expenditures by urban wage earners and clerical workers, professional, managerial and technical workers, the self-employed, short-term workers, the unemployed retirees and to those not in the labor force. The CPI-W includes only expenditures by those in hourly wage earning or clerical jobs.





Participating Institutions

Academy of the New Church

American Museum of Natural History

American Society for Technion

Amherst College

Annie E. Casey Foundation

Art Institute of Chicago

Barnard College

Bates College

Claude Worthington Benedum Foundation

Bentley College

Boston College

Brown University

California Academy of Sciences

California Community Foundation

University of California Berkeley Foundation

University of California Regents

CareGroup

Carnegie Corporation of New York

Centenary College of Louisiana

Chemical Heritage Foundation

Children's Healthcare of Atlanta

Children's Medical Center Boston

Christensen Fund

Claremont McKenna College

Clarkson University

College of the Holy Cross

Colonial Williamsburg Foundation

Moses H Cone Memorial Hospital

Connecticut College

Dana-Farber Cancer Institute Inc

Davidson College

University of Delaware

DePauw University

Dickinson College

Doris Duke Charitable Foundation

Duke Endowment

Earlham College

Edison Institute

Emory University

Exeter Health Resources

Fetzer Institute

Flinn Foundation

FMOLHS

George Washington University

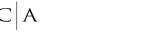
Georgetown University

Goucher College

Groton School

Evelyn and Walter Jr Haas Fund

2006



Participating Institutions

Harvey Mudd College

Haverford College

University of Hawaii Foundation

Hawaii Pacific Health

Henry Luce Foundation

Hewlett Foundation

Hillwood Museum and Gardens

Hotchkiss School

Houston Endowment Inc.

University of Houston System

Hyams Foundation

Iowa State University Foundation

J Paul Getty Trust

Associated Jewish Charities of Baltimore

Jewish Community Federation of Cleveland

Jewish Federation of Metropolitan Detroit

Johns Hopkins Hospital Endowment

Johnson & Wales University

Juilliard School

Kaiser Family Foundation

Kansas Health Foundation

Kansas University Endowment Association

Kauffman Foundation

Lafayette College

Lawrenceville School

Lemelson Foundation

Lifespan Corporation

Longwood Gardens, Inc.

University of Louisville Foundation

Lumina Foundation

Macalester College

Maine Community Foundation

Maine Medical Center

Massachusetts Institute of Technology

Mayo Foundation (Endowment)

McGregor Fund

Andrew W Mellon Foundation

University of Miami

Michigan State University

Moorings Capital

Music Center Foundation

National Trust for Historic Preservation

National University

University of Nebraska Foundation

University and Community College System of Nevada

Northeastern University

Northwestern University

Norwich University

Participating Institutions

Ochsner Clinic

Oregon Health & Science University Foundation

Ralph M Parsons Foundation

Pepperdine University

Philadelphia Museum of Art

Phillips Exeter Academy

Jay and Rose Phillips Family Foundation

Pomona College

Providence College

Punahou School

Purdue University

Robert Wood Johnson Foundation

Rockefeller Foundation

Rose Hills Foundation

Scripps College

Siena College

Alfred P Sloan Foundation

Soka University of America

University of the South

Southern Methodist University

Surdna Foundation

Swarthmore College

Texas A&M Foundation

Texas Children's Hospital

Texas Christian University

University of Texas System

University of Toronto

Trinity University (Texas)

Vermont, University of

Virginia Tech Foundation

Wallace Foundation

Washington College

University of Washington

Washington University (St Louis)

Robert A Welch Foundation

Wellcome Trust

Wellesley College

Wenner-Gren Foundation

Whitehead Institute

Winterthur, An American Country Estate

Yale University

Yeshiva University