

Hedge Fund Industry Snapshot

Data as of April 2013

Americas

New York: +800 773-2889
San Francisco: +415 617-8554

EMEA

EMEA: +44 0 207-986-0822

Asia Pac

Hong Kong: +852 2501-8356
Tokyo: +813 6270-3165
Singapore: +65 6432-1223
Australia: +612 8225-6424

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Citi Prime Finance

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Highlights

Performance, AUM & Flows

- Composite hedge fund performance, equal-weighted across funds, was up in April 2013 with performance ranging from +0.70% to +0.81%. Returns were lower than the previous month which experienced +0.72% to +1.45% over the same period.
- Hedge fund strategy wise, top performing strategies in April 2013 include Global Macro +2.30%, Distressed +1.27% , CTA/Managed Futures +1.26% and Convertible Arbitrage at +1.13% . The lowest performing strategies include Dedicated Short -3.79%, Equity Market Neutral +0.18%.
- According to eVestment|HFN, industry assets for April 2013 increased for the sixth consecutive month, finishing net positive at +\$31.14 billion. Gains were attributed mostly from performance totaling +\$30.63 billion while net positive investor flows accounted for +\$0.51 billion.
- Net positive investor flows of +\$0.51 billion for April 2013 marks the third period of net positive flows since January 2013. April 2013 flows are lower than the mean monthly flows for 2012 which stand at +\$1.75 billion. April 2012 net flows were -\$5.93 billion over the same period

Fund Profiles

- Across the subset of hedge funds reporting performance and AUM, the monthly median performance for large single funds (>\$500 million) was +1.2%, medium single funds (\$100–\$500 million) +1.0% and small single funds (<\$100 million) +0.6%.
- Liquidity terms continued its consistent pattern from the recent reporting periods showing little changes to redemption notice periods with 64% of funds requiring 30 days or less notice for redemption. Across the entire subset of reporting funds, the majority (52%) required no lockup (42%) or less than 1 year lock up (10%).
- Consistent throughout recent reporting periods, large funds (>\$500 million AUM) continue to hold a large portion of industry AUM (72%) compared to medium funds (\$100–\$500 million) at 20% and small funds (<\$100 million) holding only 8%.

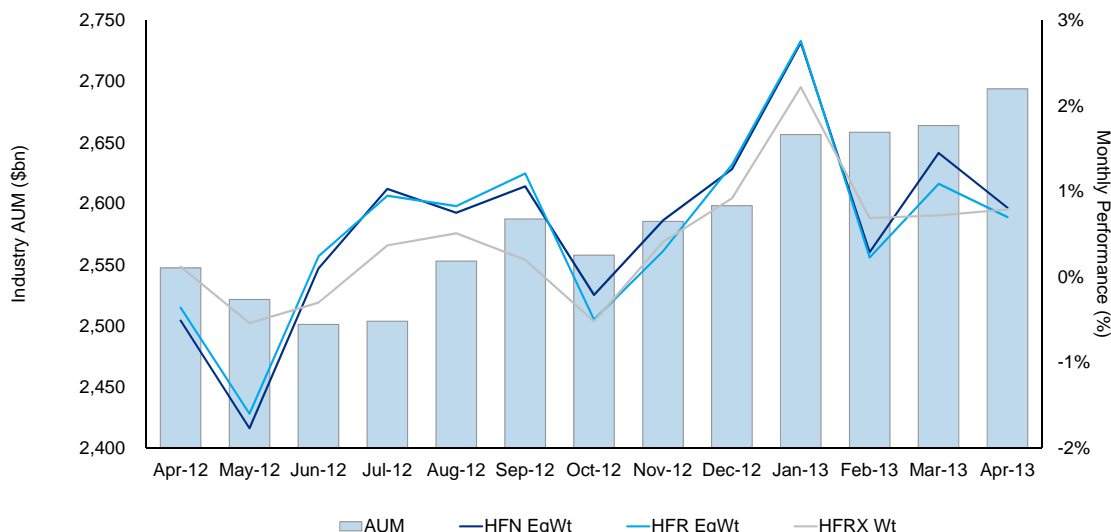
Leverage, Shorts and Futures Market Positioning

- On a global basis, we calculate gross leverage (as measured on a mean basis) at 2.0x in April 2013 versus 2.01x in March and 1.97x in February.
- Looking across both long leverage and gross leverage, the following strategies showed the highest uses of leverage: Equity Market Neutral (4.65x), Global Macro (4.09x), Convertible Arbitrage (3.53x), and Multi Strategy (3.26x).
- Citi US short flows data included in this month's report show decreased interest in the Consumer Discretionary and Financials sectors. These sectors accounted for 26.22% of short executions and 29.71% of short covers in April vs. 34.69 % of short executions and 34.69 % of short covers in March 2013.
- Large speculator net long positioning in gold (futures & options) was the biggest mover in April. For the previous two months the largest change in large speculator positioning of the contracts had been in EuroFX contracts. With gold prices down sharply over the course of the month, the CFTC figures unsurprisingly show a drop in the net long exposure to 5.7% of total open interest, down from 10.1% at the end of March. Large speculator net positioning in S&P (large & e-minis) contracts showed little change holding at 3.2% of total open interest. At the same time they built a net long position in 10-Year treasuries and cut a net short position in the EuroFX contracts.

Hedge Fund Industry: AUM, Performance

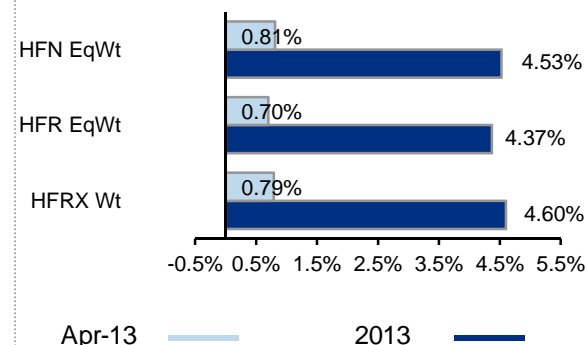
- Composite hedge fund performance, equal-weighted across funds, was up in April 2013 with performance ranging from +0.70% to +0.81%. Returns were lower than the previous month which experienced +0.72% to +1.45% over the same period.
- Global financial markets recovered from a sharp intra-month commodity decline, as US large cap equities ended the month of April at record highs once again. Global equity markets were mixed for the month, with gains in US large cap, Technology, Healthcare and Financials partially offset by weakness in small cap, Energy and commodity sensitive exposures. European equities were led by Italian equities, which posted a large gain on optimism over recent political developments, equities in France, Spain, Netherlands, Germany and Switzerland also gained. The Nikkei again led gains for Asian equities, Australia, Philippines & India also gained, while China & Korea posted declines. Commodities fell sharply for the month, with Gold posting the largest 2 day decline in over 30 years, Silver, Platinum and Oil also posted sharp declines. US & European bond yields posted declines, led by the sharp decline in Italian bond yields; US yields fell across most maturities, as yields also declined in France, Spain, Netherlands, Germany and Switzerland. The US dollar gained to a new 4 year high against the Japanese Yen on expectations of continued Bank of Japan stimulus, although the Dollar declined against the Pound, Euro & Swiss Franc.
- Hedge fund strategy wise, top performing strategies in April 2013 include Global Macro +2.30%, Distressed +1.27% , CTA/Managed Futures +1.26% and Convertible Arbitrage at +1.13%. The lowest performing strategies include Dedicated Short -3.79%, Equity Market Neutral +0.18%, Event Driven at +0.39%.

Monthly Industry AUM and Performance



Source: eVestment|HFN; Hedge Fund Research, Inc., © 2012.

Industry Performance: Apr 13 / YTD



Source: HFR, eVestment|HFN.

Note Pad

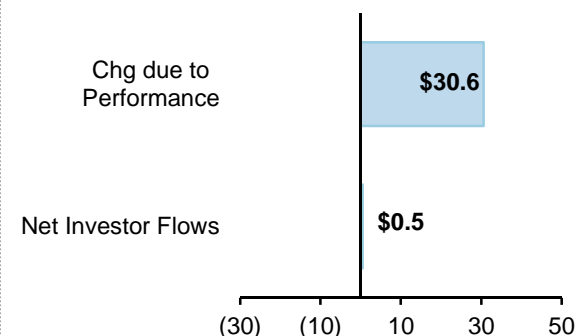
- MSCI World Index: +1.9%; +12.2% YTD
- MSCI EM Index: +1.0%; -0.7% YTD
- S&P 500: +1.9%; +12.2% YTD
- Citi US BIG Index: +1.02%; +0.8% YTD
- S&P GSCI: -4.7%; -4.0% YTD
- US Dollar Index: -1.5%; +2.5% YTD
- HFN Country Indices Apr-13/ YTD:
 - Brazil: +0.42% / +1.97%; Australia: -0.32% / +0.80%
 - China: +1.74% / +4.20%; Japan: +7.60% / +20.63%

Hedge Fund Industry: Change in Industry Assets

- According to eVestment|HFN, industry assets for April 2013 increased for the sixth consecutive month, finishing net positive at +\$31.14 billion. Gains were attributed mostly from performance totaling +\$30.63 billion while net positive investor flows accounted for +\$0.51 billion.
- April performance gains were the highest since January of this year and exceeded the mean monthly performance of 2012 which stood at +\$24.06 billion. April 2013 performance gains were higher April 2012 which experienced \$-0.62 billion over the same period.
- Net positive investor flows of +\$0.51 billion for April 2013 marks the third period of net positive flows since January 2013. April 2013 flows are lower than the mean monthly flows for 2012 which stand at +\$1.75 billion. April 2012 net flows were -\$5.93 billion over the same period.
- Total industry AUM now stands at \$2.69 trillion for April 2013 an increase of +3.5% from December 2012 and an increase of +5.4% from April 2012. Industry AuM remains below its \$2.94 trillion June 2008 peak.

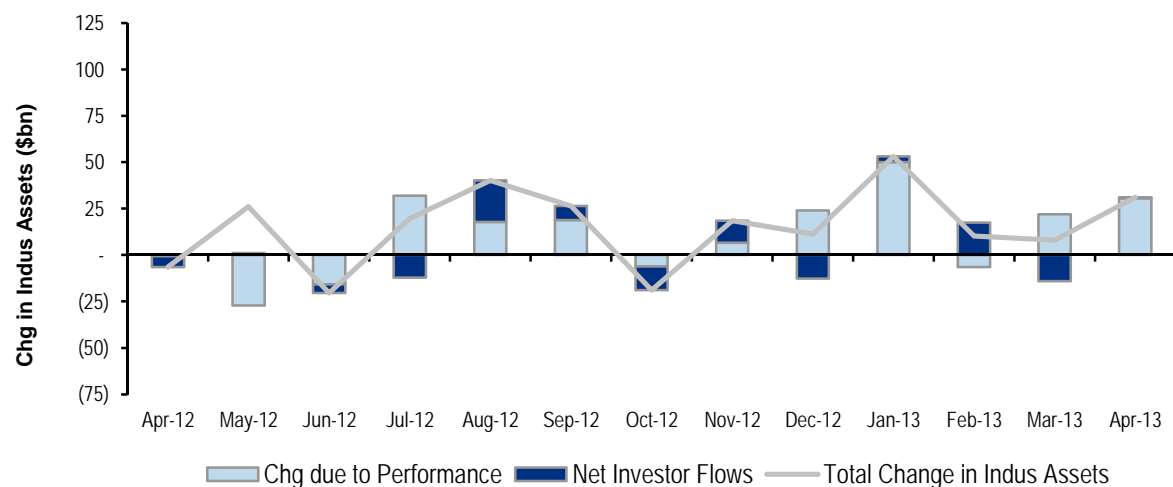
Composition of Change in Assets

Apr-13 Amounts in (\$ Billion)



Source: eVestment|HFN.

Monthly Change in Industry Assets and Composition



Source: eVestment|HFN.

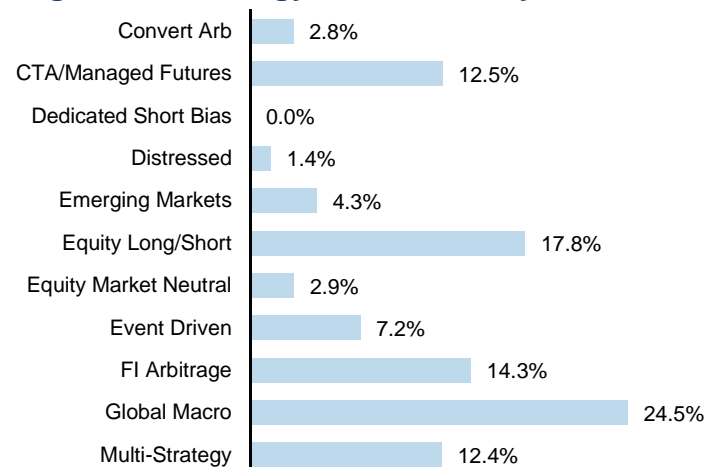
Note Pad

- The Citi Prime Finance calculation for gross leverage (as measured on a mean basis) 2.0x in April 2013 versus 2.01x in March and 1.97x in February.

Gross leverage (mean): defined as sum of (LMV + abs SMV)/Net Equity. Historical leverage data updated to reflect enhanced global reporting.

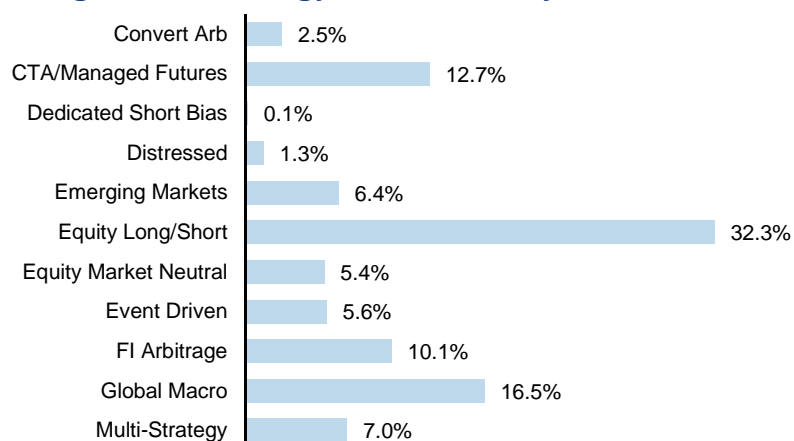
Hedge Fund Stats by Strategy

Hedge Fund Strategy Breakdown by Assets



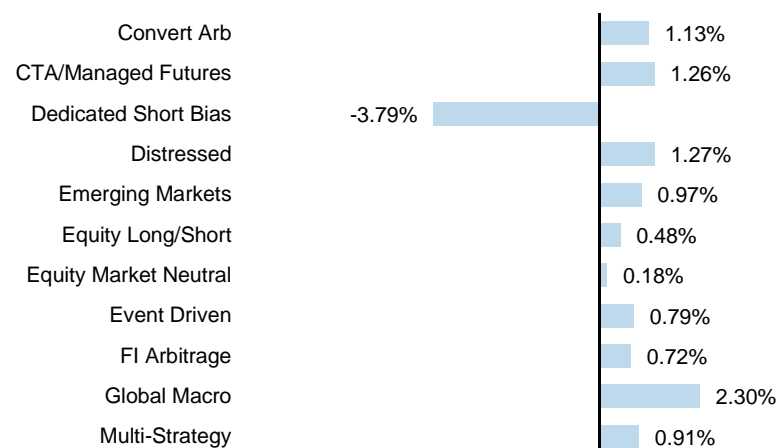
Source: Citi Prime Finance.

Hedge Fund Strategy Breakdown by Number of Funds



Source: Citi Prime Finance.

Hedge Fund Performance by Strategy

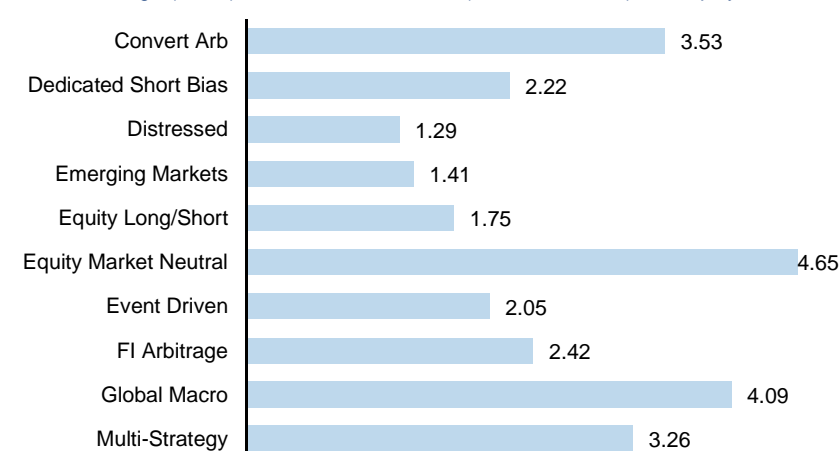


Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

Hedge Fund Leverage Ratios by Strategy

Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV)/Net Equity

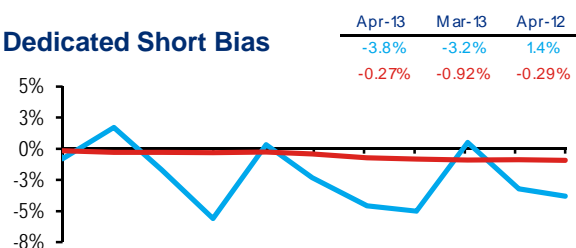


Source: Citi Prime Finance.

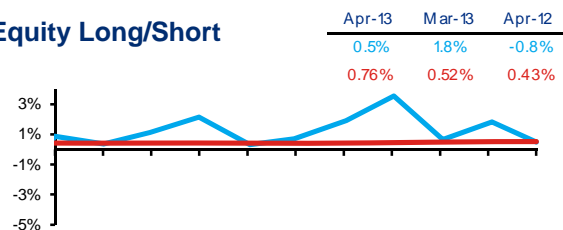
Monthly Performance by Strategy

— Monthly Median
— Trailing 60 Month Median

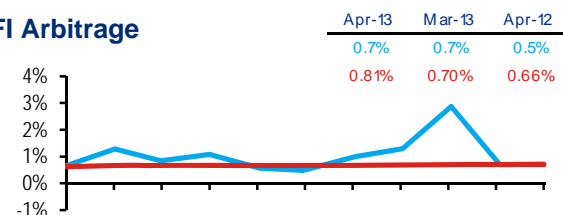
Dedicated Short Bias



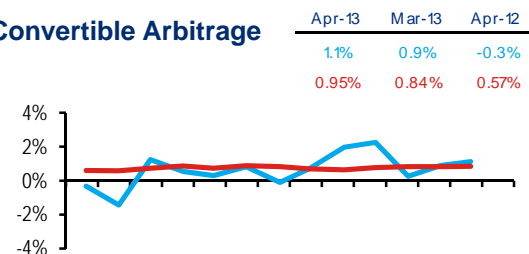
Equity Long/Short



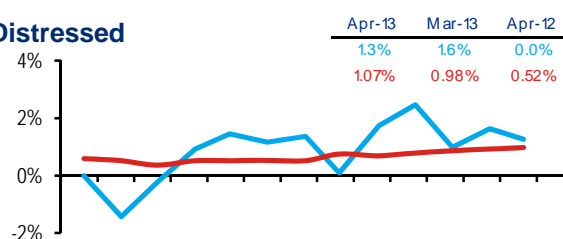
FI Arbitrage



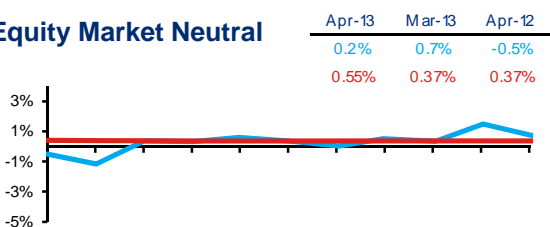
Convertible Arbitrage



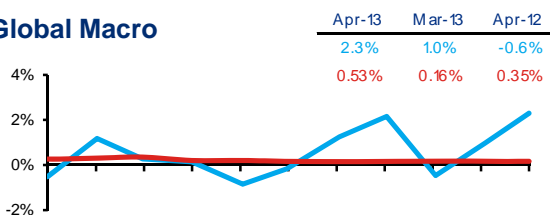
Distressed



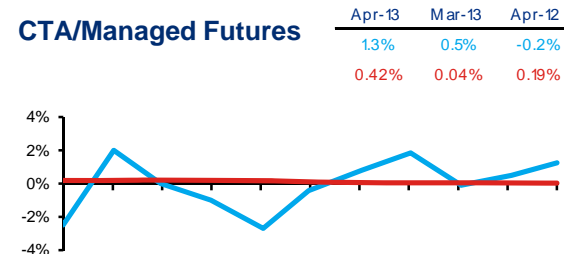
Equity Market Neutral



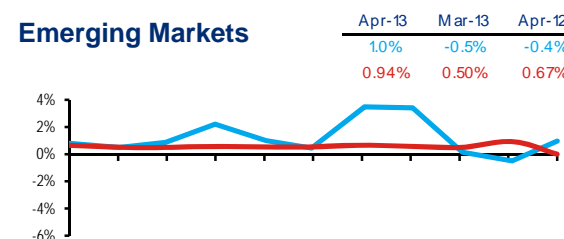
Global Macro



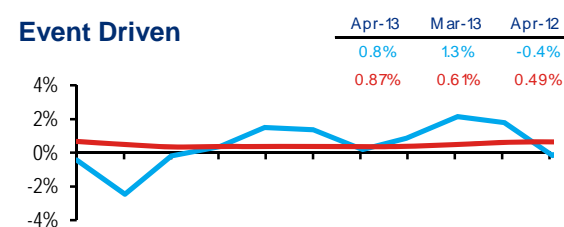
CTA/Managed Futures



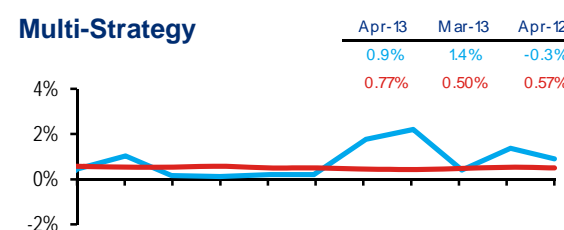
Emerging Markets



Event Driven



Multi-Strategy

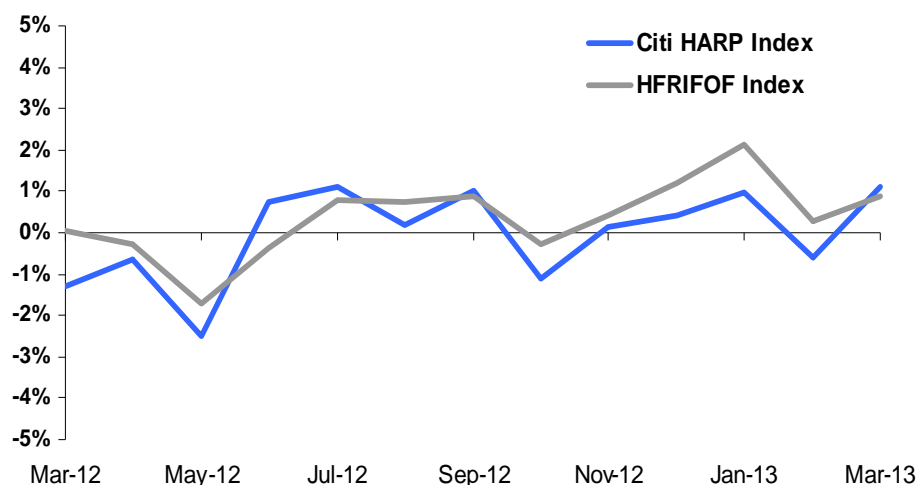


Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

Citi Liquid Hedge Fund Replicator (HARP)

Citi HARP Index vs. Benchmark (monthly rolling)



Citi HARP is a liquid investable index, which aims at approximating the performance of the hedge fund sector

	Mar-13	Feb-13	Mar-12	YTD-13
Citi HARP	1.11%	-0.60%	-1.30%	1.48%
HFRIFOF	0.90%	0.30%	0.05%	3.36%

Source: Citi and Hedge Fund Research, Inc., © www.hedgefundresearch.com
HFRIFOF Index is the HFRI Funds of Funds Composite Index

Annualized Performance: Last 12-Month	Citi HARP Index	HFRIFOF
Annualised Return	0.76%	4.78%
Annualised Volatility	3.81%	3.35%
Sharpe Ratio	0.18	1.50
Correlation	81%	-

The purpose of the Index is to approximate in broad terms the performance of the hedge fund sector by achieving a similarity between the pattern of the returns of the Index and the pattern of the returns of a Benchmark - the HFRI Fund of Funds Composite Index.

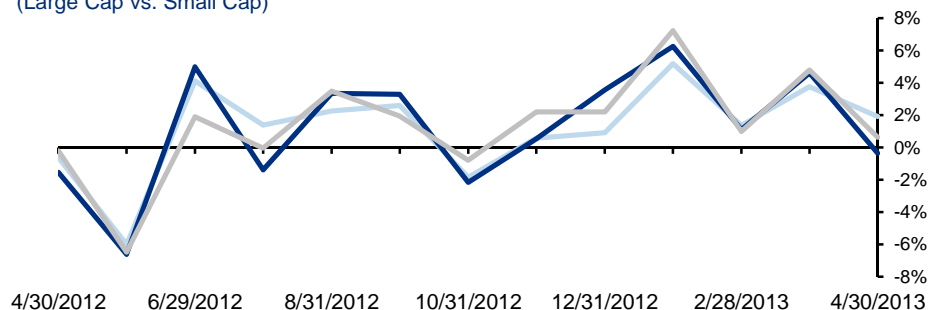
The Index contains weighted components. The components are a money market component and various index components. Each index component represents a class of asset in which the hedge fund sector is assumed to invest: bond, commodity, equity and foreign exchange.

The weighting within the Index of each component is determined monthly. Every month, a multiple linear regression algorithm is used to identify the appropriate weighting.

Market Performance

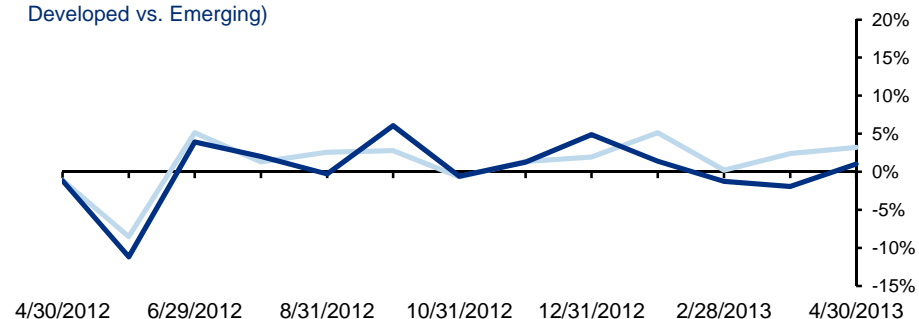
US Equities

(Large Cap vs. Small Cap)



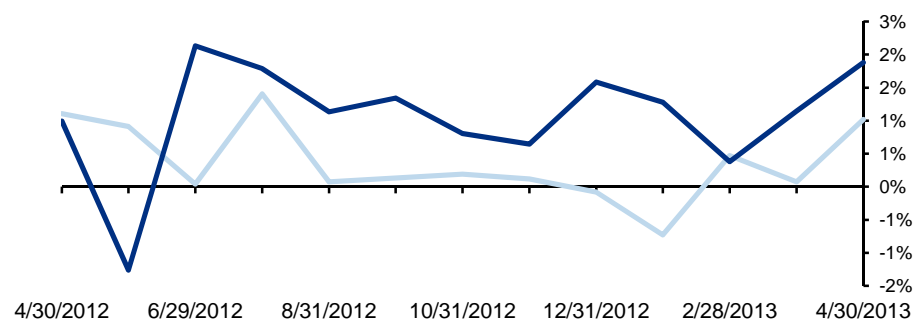
Global Equities

(Developed vs. Emerging)



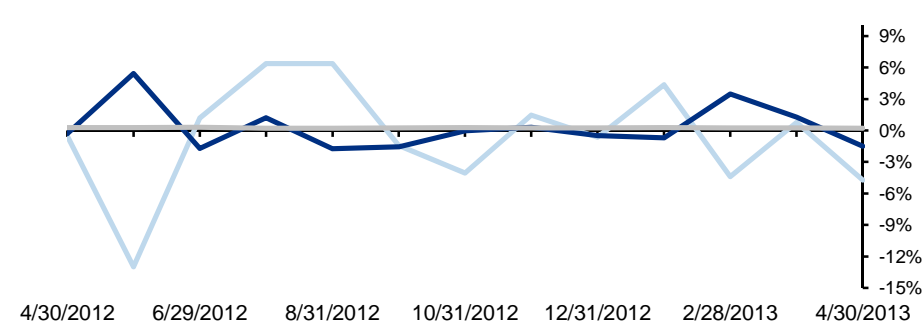
Fixed Income

(High-Grade vs. High-Yield)



Commodities

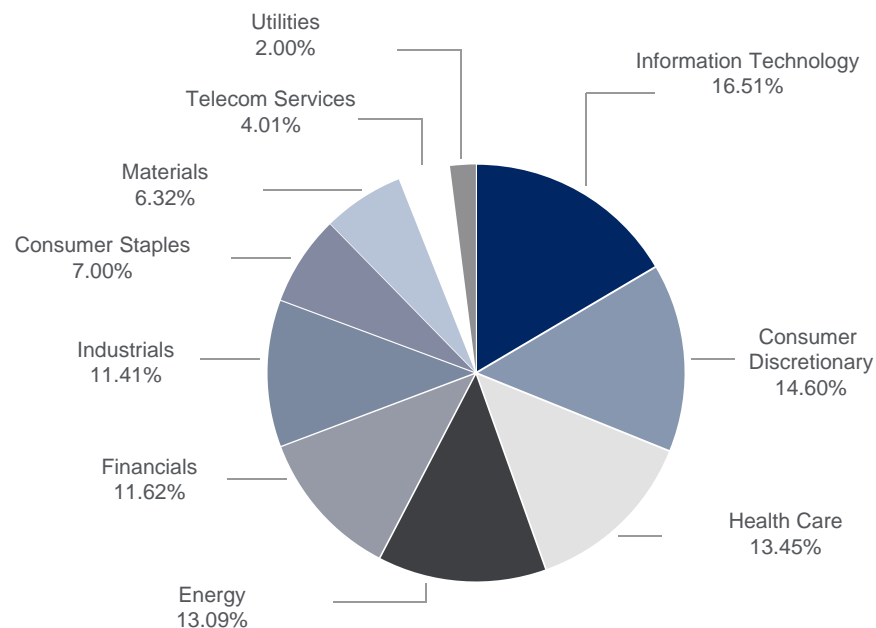
(US\$ Performance)



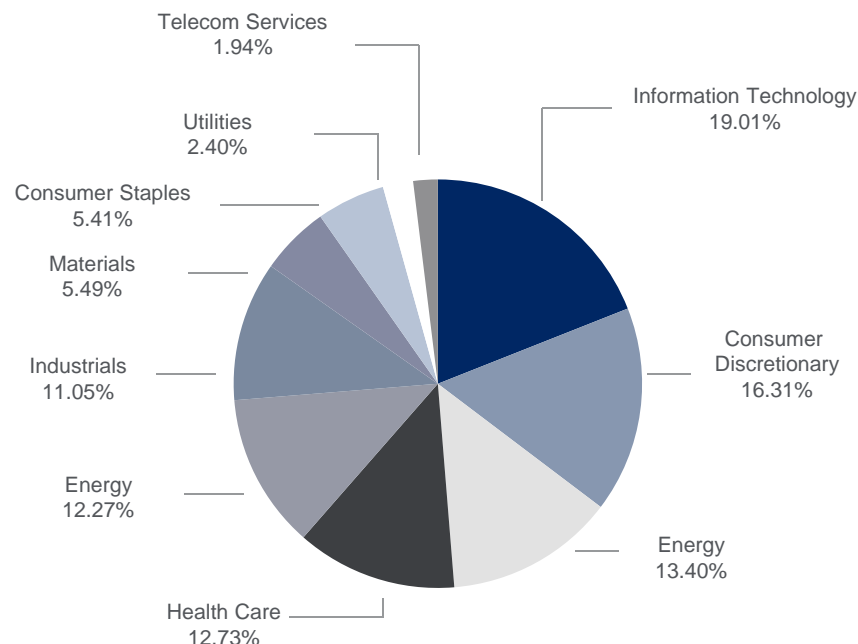
Source: Citi Prime Finance; FactSet; Citigroup Index LLC.

US Securities Lending Sector Short Flows

Short Sale Executions



Short Cover Executions



Sector Short Flows	% Short Execution	% Previous Month Short Execution	% Change From Previous Month
Information Technology	16.51	14.40	14.65
Consumer Discretionary	14.60	19.52	-25.20
Health Care	13.45	11.49	17.06
Energy	13.09	12.99	0.77
Financials	11.62	15.16	-23.35
Industrials	11.41	11.24	1.51
Consumer Staples	7.00	7.56	-7.41
Materials	6.32	6.00	5.33
Telecom Services	4.01	3.39	18.29
Utilities	2.00	2.99	-33.11

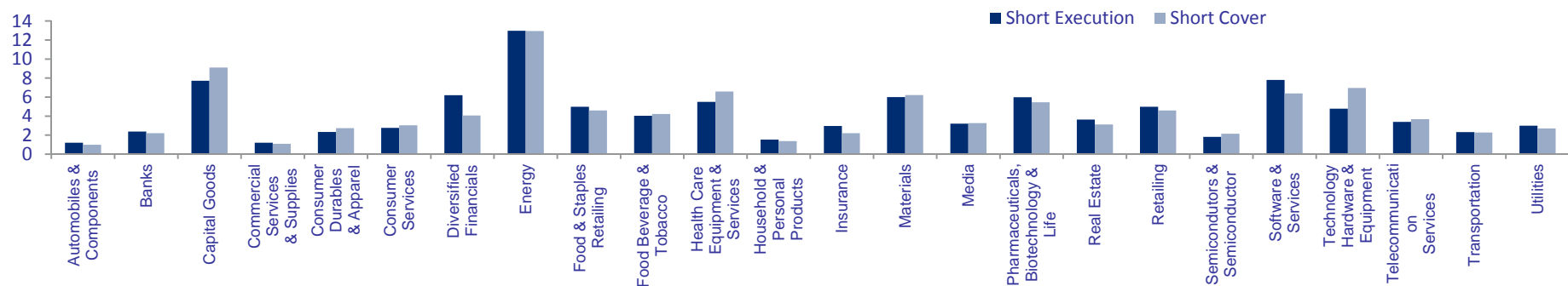
Sector Short Flows	% Cover Execution	% Previous Month Short Cover	% Change From Previous Month
Information Technology	19.01	15.52	22.49
Consumer Discretionary	16.31	14.15	15.27
Financials	13.40	11.53	16.22
Health Care	12.73	12.04	5.73
Energy	12.27	12.94	-5.18
Industrials	11.05	12.36	-10.6
Materials	5.49	6.21	-11.59
Consumer Staples	5.41	8.03	-32.63
Utilities	2.40	2.71	-11.44
Telecom Services	1.94	3.68	-47.28

Source: S&P (GICS); Citi US Securities Lending. Executions of shorts and short covers settled at Citi Prime Finance based on Market Value.

US Securities Lending Industry Group Short Flows

Citi Industry Group Short Flows

(% Short)



Industry	% Short Execution	% Previous Month Short Execution	% Change From Previous Month
Energy	13.09	12.99	0.77
Software & Services	8.14	7.81	4.23
Pharmaceuticals, Biotechnology & Life	7.84	5.99	30.88
Capital Goods	6.84	7.72	-11.40
Materials	6.32	6.00	5.33
Health Care Equipment & Services	5.61	5.50	2.00
Technology Hardware and Equipment	5.42	4.77	13.63
Diversified Financials	5.25	6.20	-15.32
Retailing	4.60	4.98	-7.63
Telecom Services	4.01	3.39	18.29
Food Beverage & Tobacco	3.97	4.04	-1.73
Transportation	3.48	2.32	50.00
Consumer Durables & Apparel	2.99	2.33	28.33
Semiconductors and Semiconductor	2.95	1.82	62.09
Media	2.88	3.21	-10.28
Consumer Services	2.76	2.77	-0.36
Real Estate	2.62	3.62	-27.62
Utilities	2.00	2.99	-33.11
Food & Staples Retailing	1.98	1.98	0.00
Insurance	1.89	2.97	-36.36
Banks	1.87	2.37	-21.10
Automobiles & Components	1.37	6.97	-80.34
Commercial Services & Supplies	1.08	1.20	-10.00
Household and Personal Products	1.04	1.53	-32.03

Industry	% Cover Execution	% Previous Month Short Cover	% Change From Previous Month
Energy	12.27	12.94	-5.18
Software & Services	9.61	6.42	49.69
Capital Goods	7.08	9.10	-22.20
Health Care Equipment & Services	6.43	6.58	-2.28
Pharmaceuticals, Biotechnology & Life	6.30	5.45	15.60
Technology Hardware and Equipment	6.14	6.95	-11.65
Diversified Financials	6.12	4.06	50.74
Materials	5.49	6.21	-11.59
Retailing	4.45	4.59	-3.05
Consumer Services	4.15	3.04	36.51
Semiconductors and Semiconductor	3.26	2.15	51.63
Transportation	3.16	2.27	39.21
Consumer Durables & Apparel	3.13	2.73	14.65
Real Estate	2.84	3.07	-7.49
Media	2.70	3.27	-17.43
Food Beverage & Tobacco	2.61	4.22	-38.15
Utilities	2.40	2.71	-11.44
Banks	2.33	2.20	5.91
Insurance	2.11	2.20	5.91
Food & Staples Retailing	1.94	2.45	-20.82
Telecom Services	1.94	3.68	-47.28
Automobiles & Components	1.89	1.26	50.00
Household & Personal Products	0.86	1.37	-37.23
Commercial Services & Supplies	0.81	0.99	-18.18

Source: S&P (GICS); Citi US Securities Lending. Executions of shorts and short covers settled at Citi Prime Finance based on Market Value.

US Securities Lending Short Flows Summary

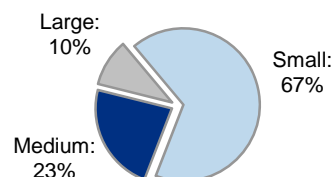
Citi Short Flows: March 2013

GICS Code	Description	% Short Executions This Month	% Short Executions From Last Month	% Change From Last Month	% Short Cover This Month	% Short Cover From Last Month	% Change From Last Month
Sector	Sector						
10	Energy	13.09	12.99	0.77	12.27	12.94	-5.18
15	Materials	6.32	6.00	5.33	5.49	6.21	-11.59
20	Industrials	11.40	11.24	1.51	11.05	12.36	-10.60
25	Consumer Discretionary	14.60	19.52	-25.20	16.31	14.15	15.27
30	Consumer Staples	7.00	7.56	-7.41	5.41	8.03	-32.63
35	Health Care	13.45	11.49	17.06	12.73	12.04	5.73
40	Financials	11.62	15.16	-23.35	13.40	11.53	16.22
45	Information Technology	16.51	14.40	14.65	19.01	15.52	22.49
50	Telecommunication Services	4.01	3.39	18.29	1.94	3.68	-47.28
55	Utilities	2.00	2.99	-33.11	2.40	2.71	-11.41
Industry Group	Industry Group						
1010	Energy	13.09	12.99	0.77	12.27	12.94	-5.18
1510	Materials	6.32	6.00	5.33	5.49	6.21	-11.59
2010	Capital Goods	6.84	7.72	-11.40	7.08	9.10	-22.20
2020	Commercial Services & Supplies	1.08	1.20	-10.00	0.81	0.99	-18.18
2030	Transportation	3.48	2.32	50.00	3.16	2.27	39.21
2510	Automobiles & Components	1.37	6.97	-80.34	1.89	1.26	50.00
2520	Consumer Durables & Apparel	2.99	2.33	28.33	3.13	2.73	14.65
2530	Consumer Services	2.76	2.77	-0.36	4.15	3.04	36.51
2540	Media	2.88	3.21	-10.28	2.70	3.27	-17.43
2550	Retailing	4.60	4.98	-7.63	4.45	4.59	-3.05
3010	Food & Staples Retailing	1.98	1.98	0.00	1.94	2.45	-20.82
3020	Food Beverage & Tobacco	3.97	4.04	-1.73	2.61	4.22	-38.15
3030	Household & Personal Products	1.04	1.53	-32.03	0.86	1.37	-37.23
3510	Health Care Equipment & Services	5.61	5.50	2.00	6.43	6.58	-2.28
3520	Pharmaceuticals, Biotechnology & Life Sciences	7.84	5.99	30.88	6.30	5.45	15.60
4010	Banks	1.87	2.37	-21.10	2.33	2.20	5.91
4020	Diversified Financials	5.25	6.20	-15.32	6.12	4.06	50.74
4030	Insurance	1.89	2.97	-36.36	2.11	2.20	5.91
4040	Real Estate	2.62	3.62	-27.62	2.84	3.07	-7.49
4510	Software & Services	8.14	7.81	4.23	9.61	6.42	49.69
4520	Technology Hardware & Equipment	5.42	4.77	13.63	6.14	6.95	-11.65
4530	Semiconductors & Semiconductor Equipment	2.95	1.82	62.09	3.26	2.15	51.63
5010	Telecommunication Services	4.01	3.39	18.29	1.94	3.68	-47.28
5510	Utilities	2.00	2.99	-33.11	2.40	2.71	-11.44

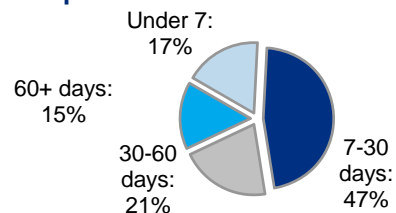
Source: S&P (GICS); Citi US Securities Lending. Executions of shorts and short covers settled at Citi Prime Finance based on Market Value.

Hedge Fund (Fund Level) Profiles

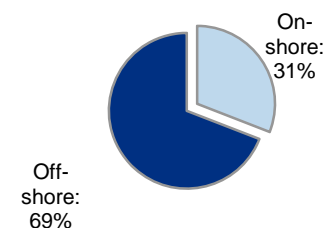
By Fund Size—No. of Funds



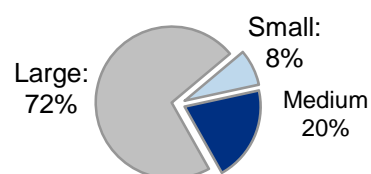
Redemption Notice Period



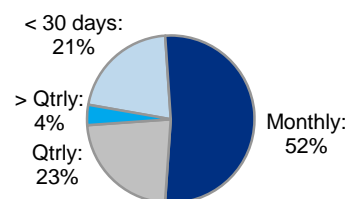
On-shore/Off-shore



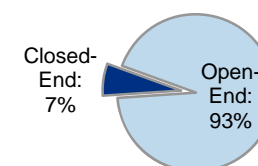
By Fund Size—\$ AUM



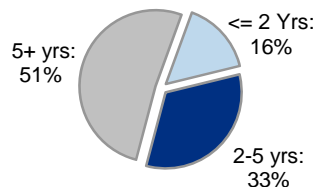
Redemption Frequency



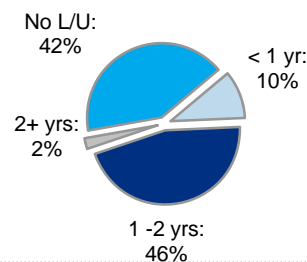
Legal Status



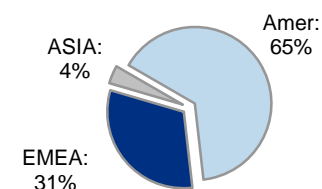
By Fund Age—No. of Funds



Lock-Up



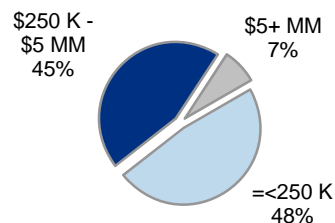
Domicile (by \$ AUM)



By Fund Age—\$ AUM



Minimum Investment



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

Hedge Fund (Fund Level) Profiles

Hedge Funds: Large (>\$500 Million)

		Median AUM (\$MM)	Median Monthly Perform	Median YTD Perform	Domicile: Americas Region	Off- Shore	Preferred Lock-Up / % of Total	Preferred Redemption Notice/ % of Total	Preferred Redemption Frequency/ % of Total
Under 2 yrs	5%	\$1,120	0.7%	1.5%	72%	98%	1-2 yrs / 76%	7-30 days / 69%	Monthly / 56%
2-5 yrs	23%	\$1,893	1.6%	6.7%	70%	63%	1-2 yrs / 79%	60+ days / 31%	Monthly / 40%
Over 5 yrs	72%	\$2,035	1.4%	4.1%	66%	72%	1-2 yrs / 41%	7-30 days / 32%	Monthly / 47%
Total	100%	\$1,973	1.2%	3.9%	68%	69%	1-2 years / 51%	7-30 days / 34%	Monthly / 48%

Hedge Funds: Medium (\$100–\$500 Million)

Hedge Fund Age		Median AUM (\$MM)	Median Monthly Perform	Median YTD Perform	Domicile: Americas Region	Off- Shore	Preferred Lock-Up / % of Total	Preferred Redemption Notice/ % of Total	Preferred Redemption Frequency/ % of Total
Under 2 yrs	14%	\$218	1.0%	5.2%	71%	84%	1-2 yrs / 75%	7-30 days / 52%	Under 30 / 51%
2-5 yrs	53%	\$234	0.9%	5.8%	70%	73%	1-2 yrs / 66%	7-30 days / 41%	Monthly / 49%
Over 5 yrs	32%	\$230	1.1%	5.5%	70%	65%	No / 52%	7-30 days / 48%	Under 30 / 57%
Total	100%	\$231	1.0%	5.6%	71%	68%	No / 44%	7-30 days / 46%	Monthly / 52%

Hedge Funds: Small (<\$100 Million)

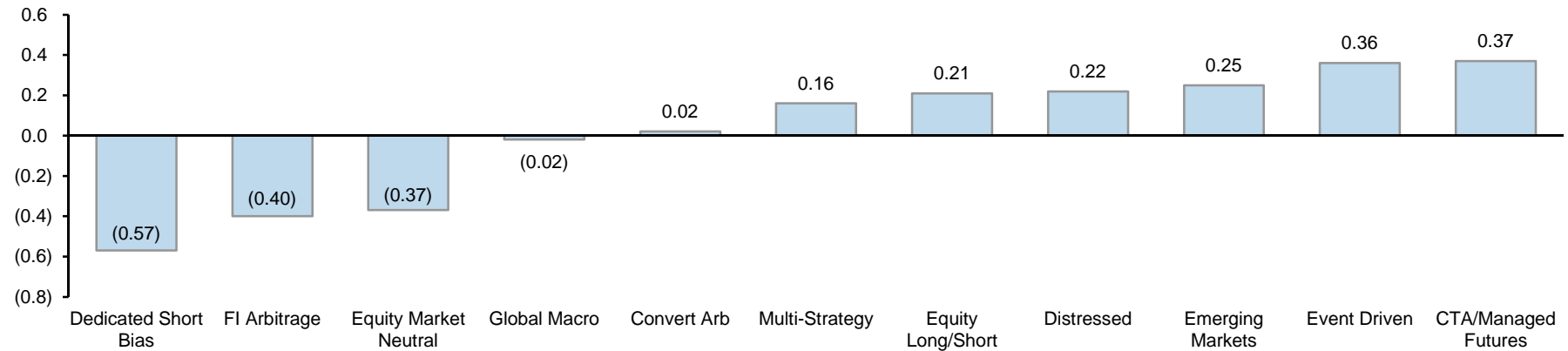
Hedge Fund Age		Median AUM (\$MM)	Median Monthly Perform	Median YTD Perform	Domicile: Americas Region	Off- Shore	Preferred Lock-Up / % of Total	Preferred Redemption Notice/ % of Total	Preferred Redemption Frequency/ % of Total
Under 2 yrs	14%	\$33	0.7%	5.7%	87%	79%	1-2 yrs / 71%	7-30 days / 32%	Monthly / 44%
2-5 yrs	51%	\$34	0.9%	6.1%	64%	78%	1-2 yrs / 63%	7-30 days / 43%	Monthly / 52%
Over 5 yrs	35%	\$32	0.1%	3.6%	68%	65%	No / 42%	7-30 days / 55%	Monthly / 54%
Total	100%	\$34	0.6%	5.2%	67%	73%	1-2 yrs / 46%	7-30 days / 50%	Monthly / 52%

Source: Citi Prime Finance.

Note: Domiciles, lock-up and redemption metrics updated quarterly. Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period. Median YTD performance is calculated from funds reporting for all underlying periods. "n/m" = Not Meaningful.

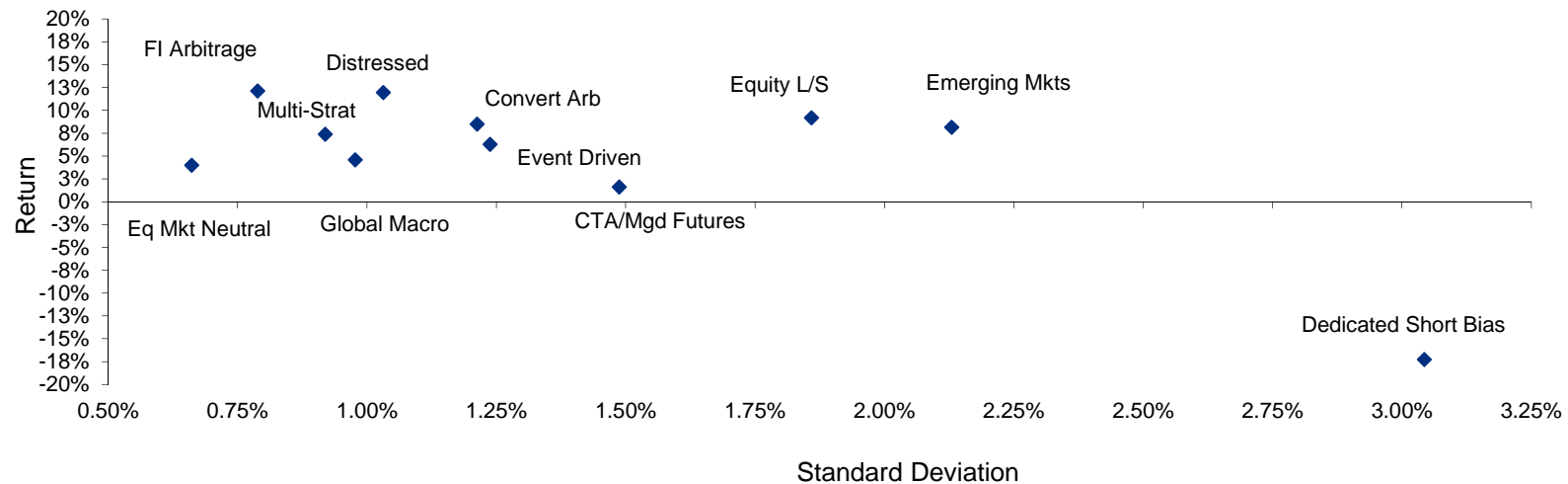
Risk and Return Metrics

Sharpe Ratios (Oct-04 - Apr-13)



Source: Credit Suisse Tremont.

Risk vs. Return (Apr 12 – Apr 13)



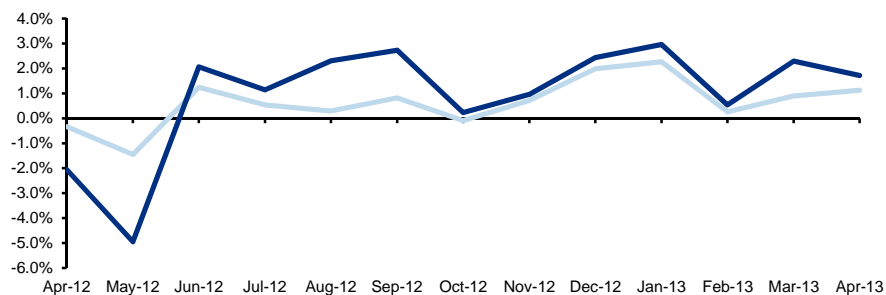
Source: Citi Prime Finance.

Convertible Arbitrage

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	2.3%	0.3%	0.9%	1.1%									4.5%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

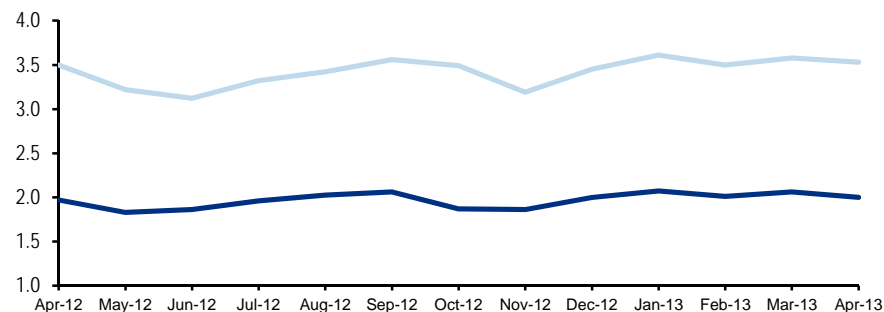


	Apr-13	Mar-13	Apr-12	YTD-13
Convert Arb	1.1%	0.9%	-0.3%	4.5%
OABEIF	1.7%	2.3%	-2.1%	7.5%

Source: Citi ICG Analytics; FactSet.

Leverage Profile

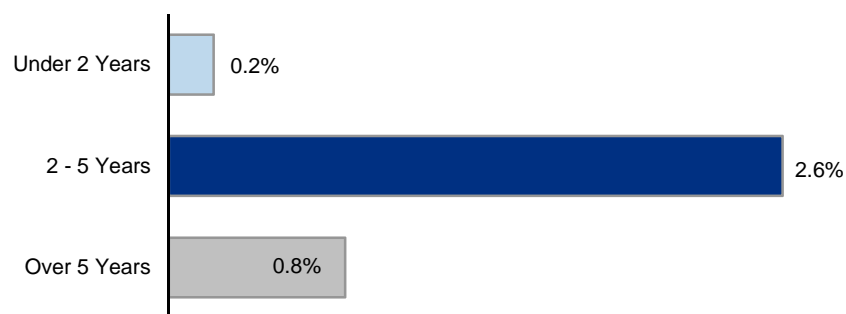
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
LMV Leverage (Mean): Defined as Long Market Value / Net Equity

Source: Citi Prime Finance.

Hedge Fund Performance by Age¹

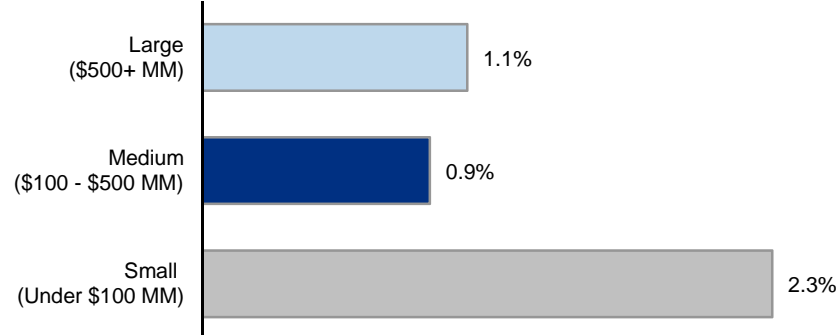


Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

1. Universe and sample sizes may be small.

Hedge Fund Performance by Size¹

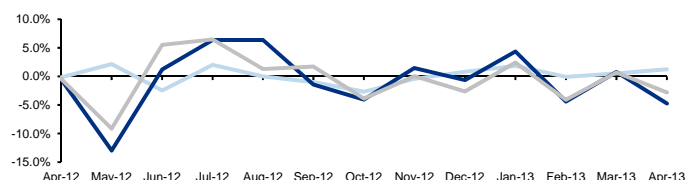


Source: Citi Prime Finance.

CTA/Managed Futures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	1.8%	-0.1%	0.5%	1.3%									3.5%

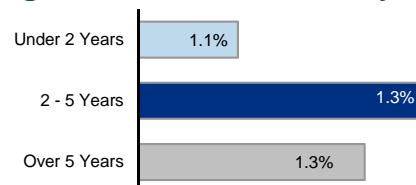
Hedge Fund Performance vs. Benchmark



	Apr-13	Mar-13	Apr-12	YTD-13
CTA/Managed Futures	1.3%	0.5%	-0.2%	3.5%
S&P GSCI Commodity (SPGSCI)	-4.7%	0.5%	-0.5%	-4.0%
DJ-LBS Commodity (DJACK)	-2.8%	0.7%	-0.4%	-3.8%

Source: Citi Prime Finance; FactSet.

Hedge Fund Performance by Age



Source: Citi Prime Finance.

Hedge Fund Performance by Size



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

1. Universe and sample sizes may be small.

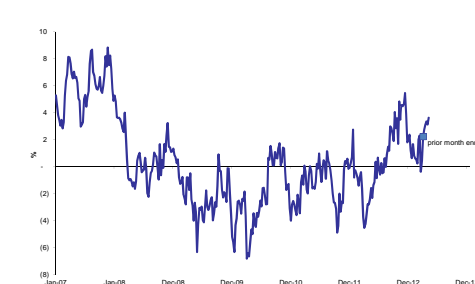
Large Speculator Positions: CFTC Commitment Of Traders (Futures & Options) Report Net of Longs Less Shorts as Percent of Total Open Positions

Combined S&P/Weighted Mini S&P Contracts



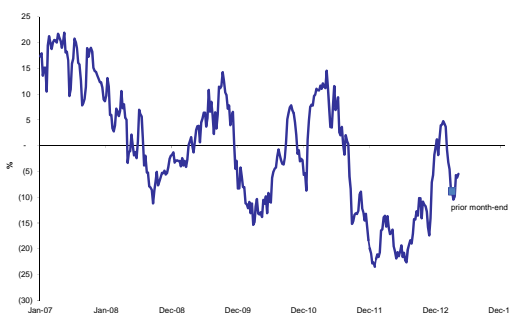
Last Update: 4/30/13 +3.2%

US 10-Year Treasury Futures



Last Update: 4/30/13 +3.6%

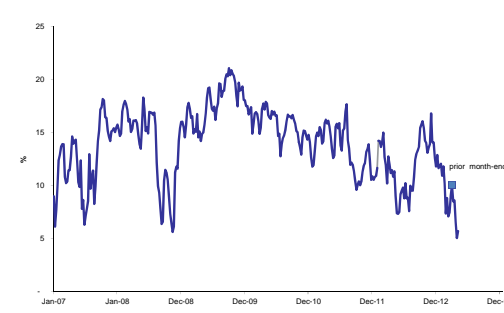
EuroFX Futures



Last Update: 4/30/13 -5.5%

Source: CFTC, Bloomberg, Citi Futures Perspective.

Gold Futures



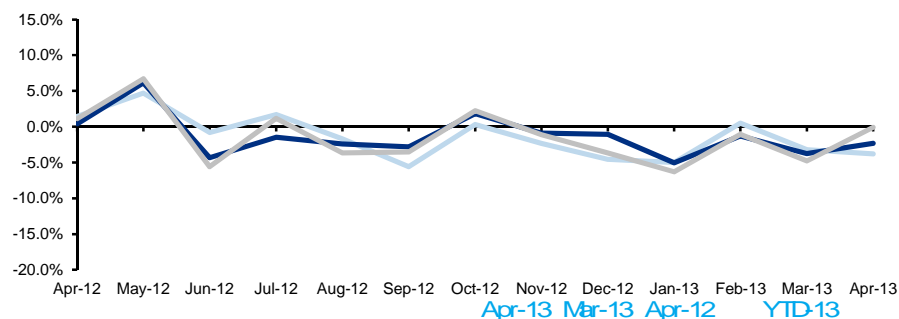
Last Update: 4/30/13 +5.7%

Dedicated Short Bias

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	-5.0%	0.5%	-3.2%	-3.8%									-11.5%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

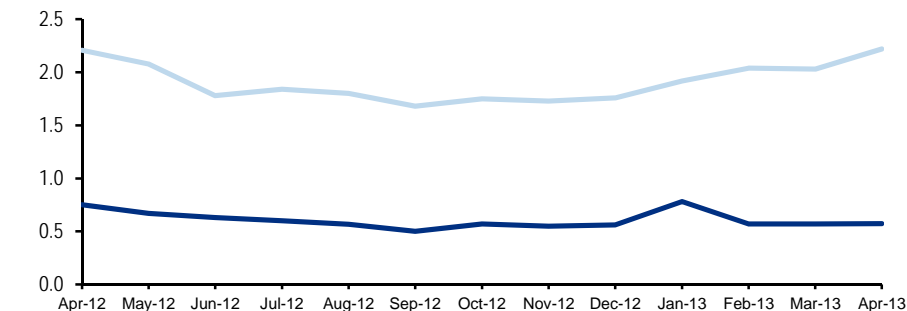


	Apr-13	Mar-13	Apr-12	YTD-13
Ded Short Bias	-3.8%	-3.2%	1.4%	-11.5%
S&P Short ETF (SH)	-2.3%	-3.8%	0.4%	-12.4%
Rus 2000 Short ETF (RWM)	-0.1%	-4.8%	1.1%	-12.2%

Source: Citi Prime Finance; FactSet.

Leverage Profile

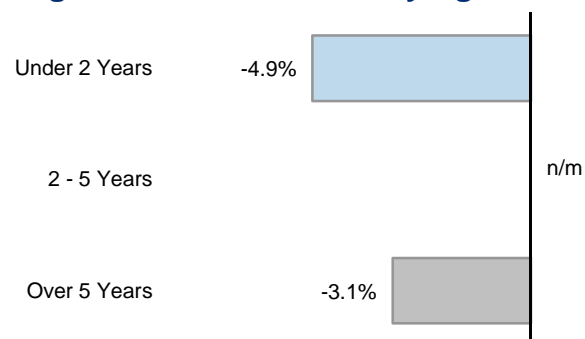
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
LMV Leverage (Mean): Defined as Long Market Value / Net Equity

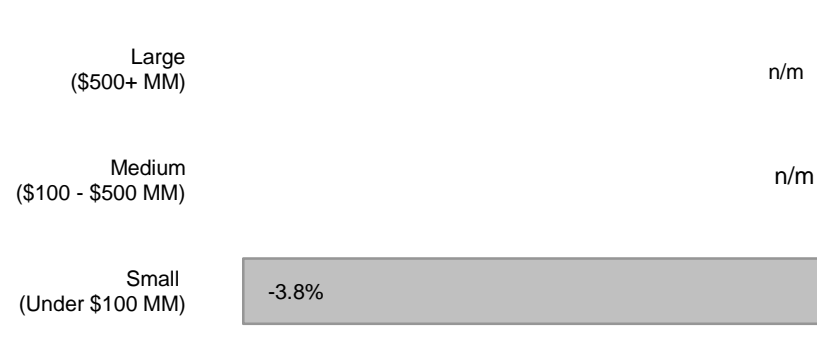
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

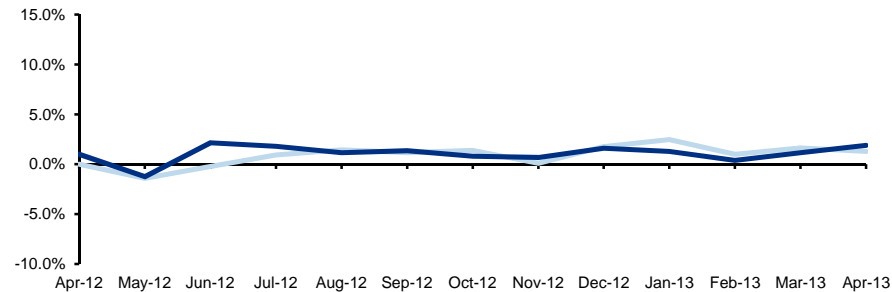
1. Universe and sample sizes may be small.

Distressed

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	2.5%	1.0%	1.6%	1.3%									6.3%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

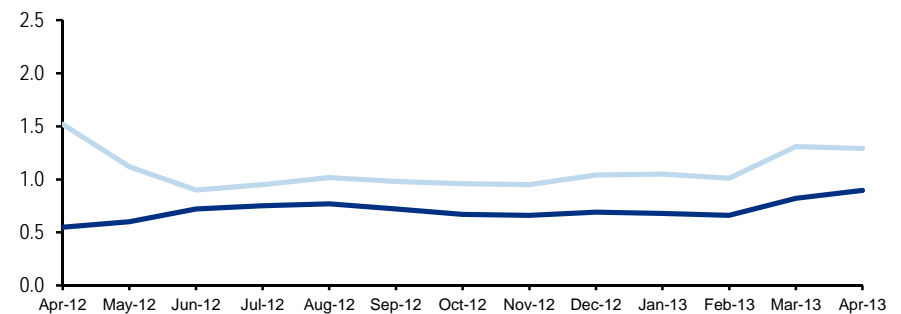


	Apr-13	Mar-13	Apr-12	YTD-13
Distressed	1.3%	1.6%	0.0%	6.3%
Citi HY Bond Index	1.9%	1.1%	1.0%	1.7%

Source: Citi Prime Finance; Citigroup Index LLC; Altman-NYU Salomon Center.

Leverage Profile

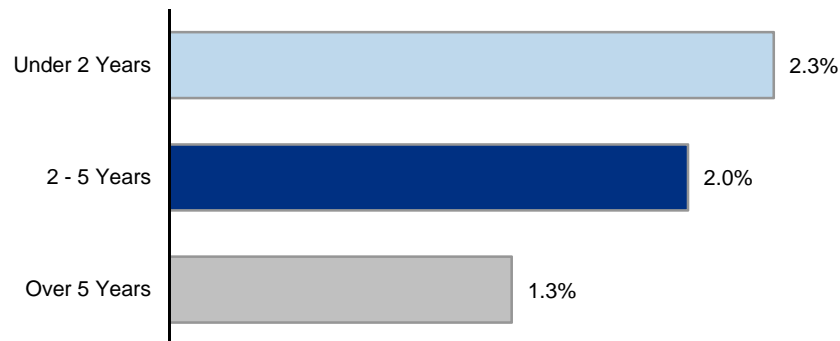
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
LMV Leverage (Mean): Defined as Long Market Value / Net Equity

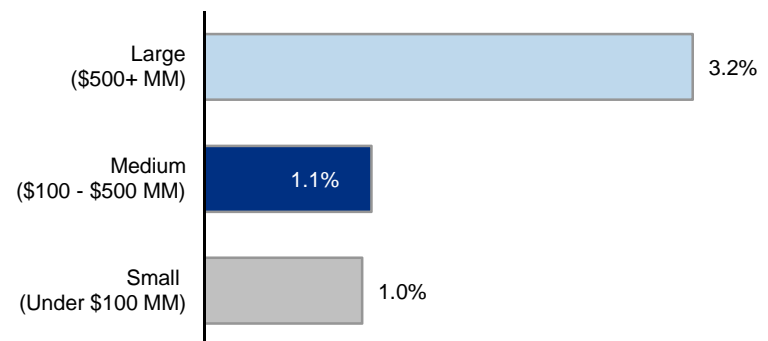
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

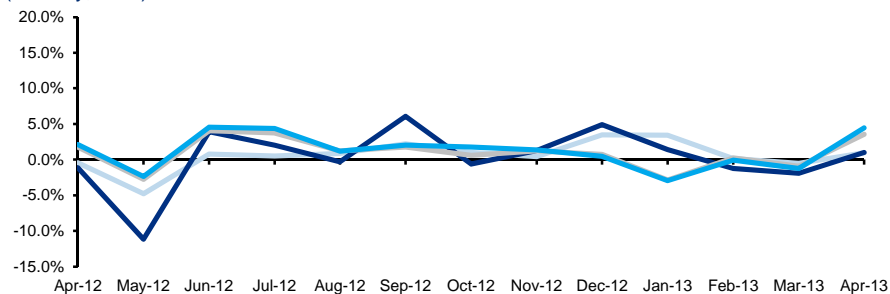
1. Universe and sample sizes may be small.

Emerging Markets

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	3.4%	0.1%	-0.5%	1.0%									4.0%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

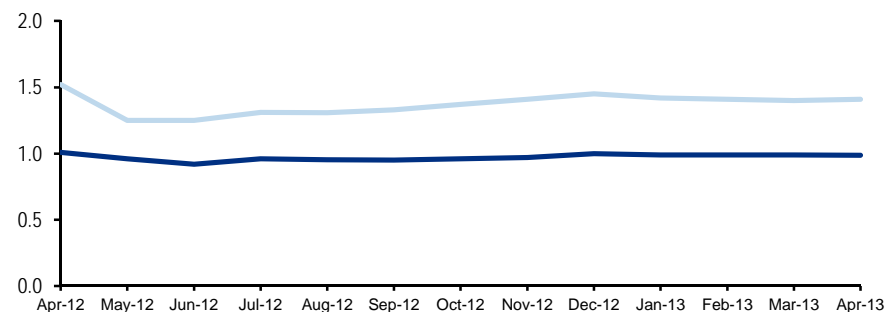


	Apr-13	Mar-13	Apr-12	YTD-13
Emerging Mkts	1.0%	-0.5%	-0.4%	4.0%
MSCI EM	1.0%	-1.9%	-1.2%	-0.7%
JPMEMBIG Core ETF (EMB)	3.6%	-0.9%	1.8%	0.0%
DBEMLiquid ETF (PCY)	4.4%	-1.2%	2.1%	0.2%

Source: Citi Prime Finance; FactSet.

Leverage Profile

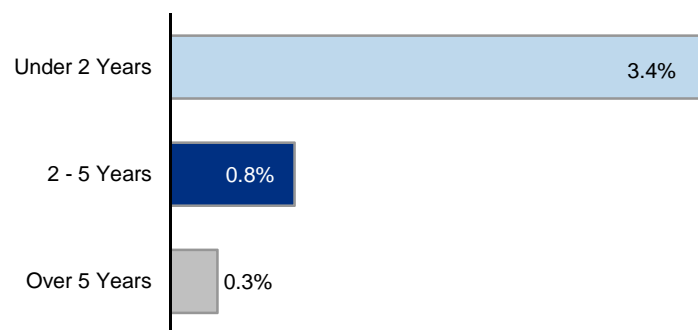
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
LMV Leverage (Mean): Defined as Long Market Value / Net Equity

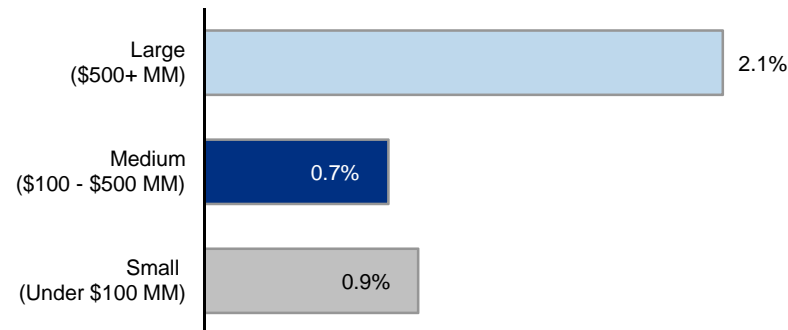
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

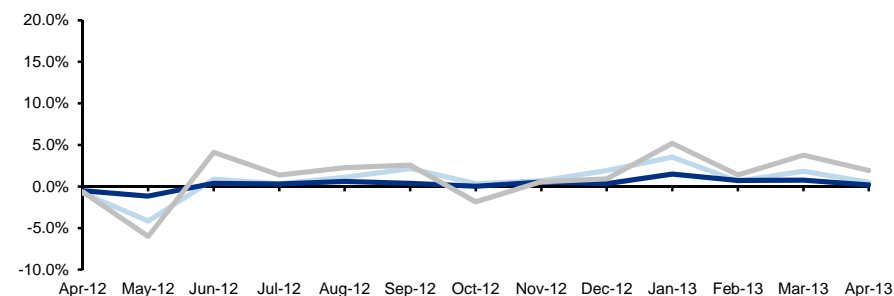
1. Universe and sample sizes may be small.

Equity Long/Short

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	3.5%	0.7%	1.8%	0.5%									6.5%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

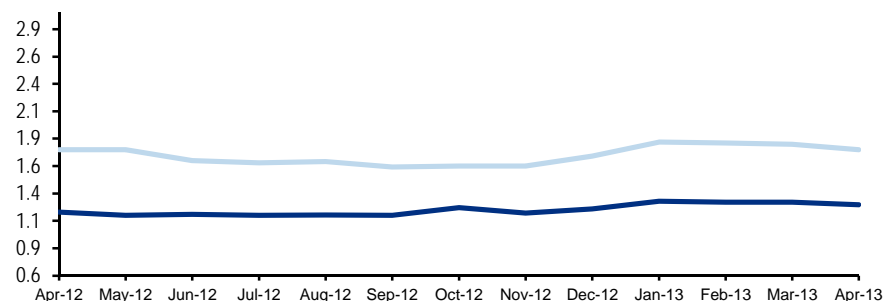


	Apr-13	Mar-13	Apr-12	YTD-13
Eq Long/Short	0.5%	1.8%	-0.8%	6.5%
Eq Mkt Neutral	0.2%	0.7%	-0.5%	3.1%
S&P500	1.9%	3.8%	-0.6%	12.2%

Source: Citi Prime Finance; FactSet.

Leverage Profile

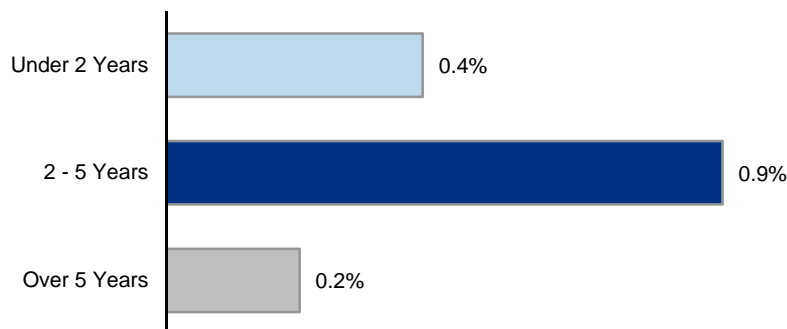
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
LMV Leverage (Mean): Defined as Long Market Value / Net Equity

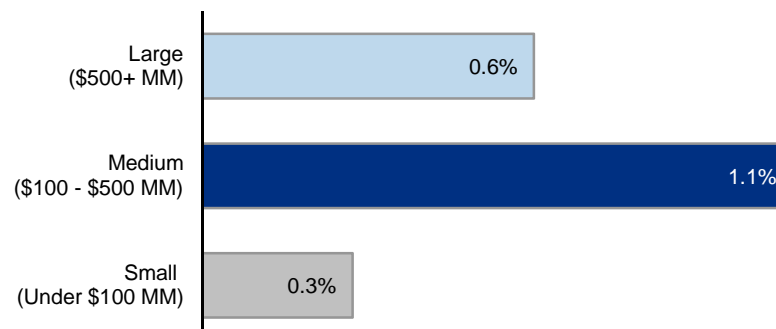
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

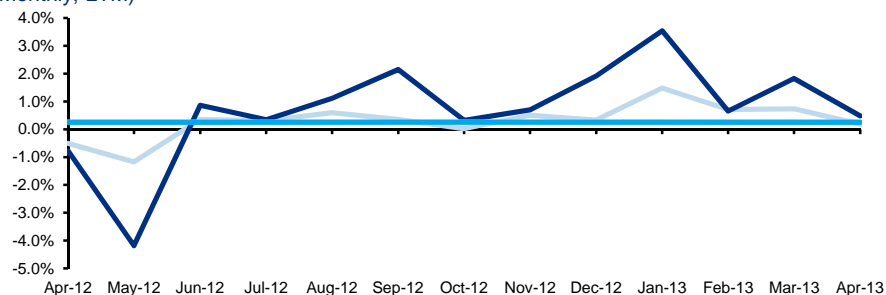
1. Universe and sample sizes may be small.

Equity Market Neutral

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	1.5%	0.7%	0.7%	0.2%									3.1%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

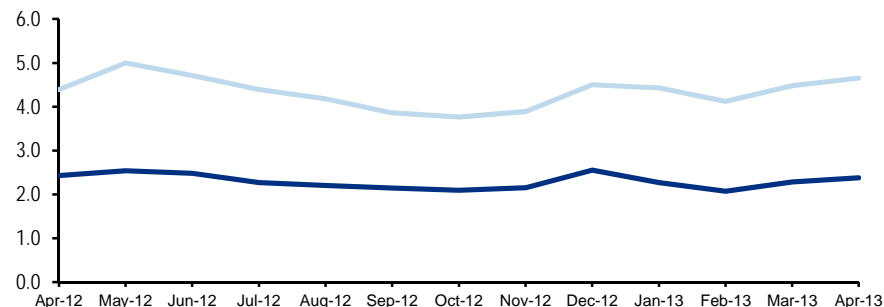


	Apr-13	Mar-13	Apr-12	YTD-13
Eq Mkt Neutral	0.2%	0.7%	-0.5%	3.1%
Eq Long/Short	0.5%	1.8%	-0.8%	6.5%
LIBOR+300bps	0.3%	0.3%	0.3%	0.5%
UST-Bill+300bps	0.3%	0.3%	0.3%	0.5%

Source: Citi Prime Finance; FactSet.

Leverage Profile

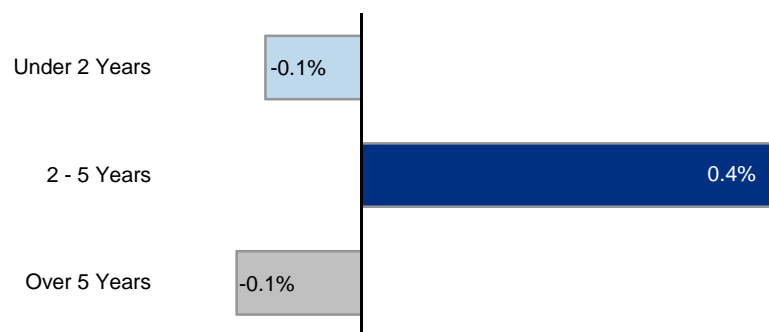
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
 LMV Leverage (Mean): Defined as Long Market Value / Net Equity

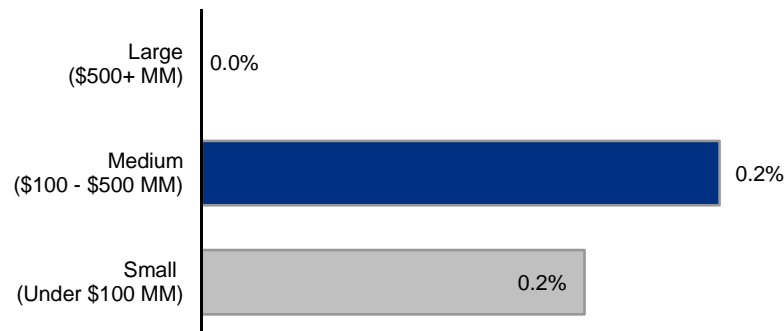
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

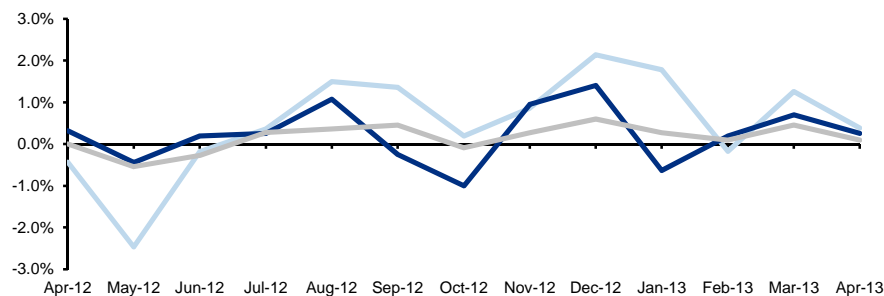
1. Universe and sample sizes may be small.

Event Driven

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	1.8%	-0.2%	1.3%	0.8%									3.7%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

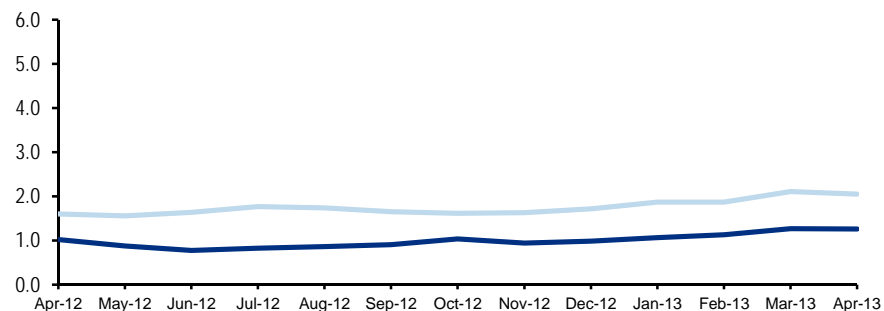


	Apr-13	Mar-13	Apr-12	YTD-13
Event Driven	0.4%	1.3%	-0.4%	3.2%
The Merger Fund (MERFX)	0.3%	0.7%	0.3%	0.5%
AQR Div Arb Fund (ADANX)	0.1%	0.5%	0.0%	0.4%

Source: Citi Prime Finance; FactSet.

Leverage Profile

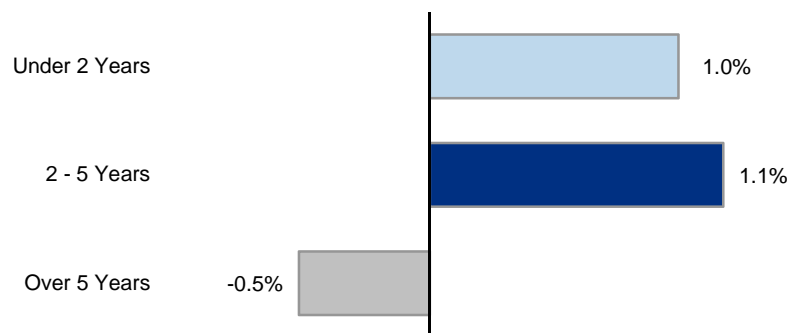
(Monthly, LTM)



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LMV Leverage (Mean): Defined as Long Market Value / Net Equity

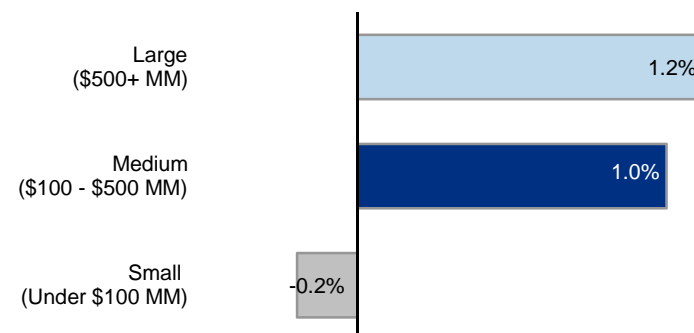
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

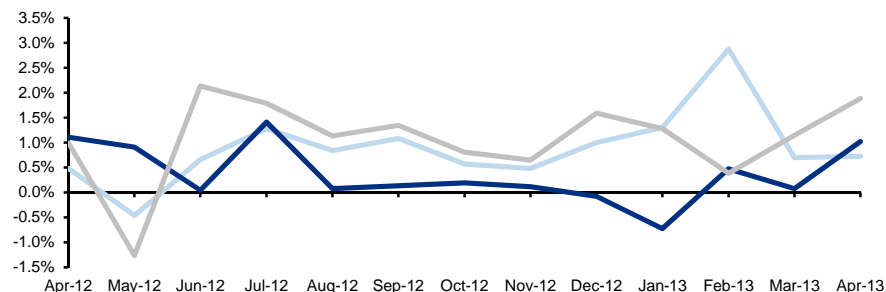
1. Universe and sample sizes may be small.

FI Arbitrage

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	1.3%	2.9%	0.7%	0.7%									5.6%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

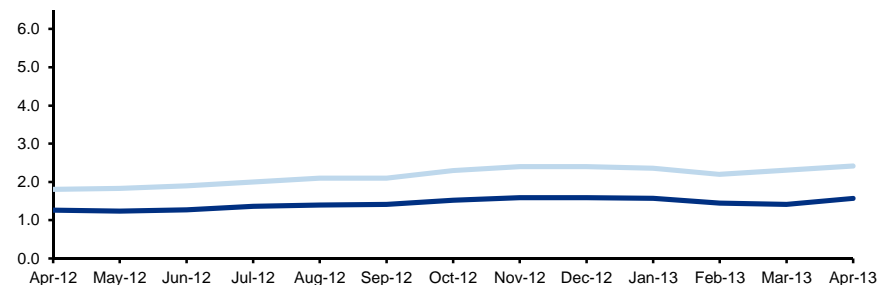


	Apr-13	Mar-13	Apr-12	YTD-13
FI Arbitrage	0.7%	0.7%	0.5%	5.6%
Citi US BIG Index	1.0%	0.1%	1.1%	0.8%
Citi HY Bond Index	1.9%	1.1%	1.0%	4.7%

Source: Citi Prime Finance; Citigroup Index LLC.

Leverage Profile

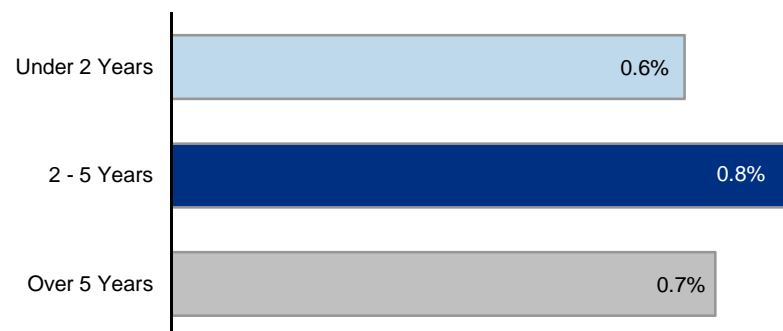
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
 LMV Leverage (Mean): Defined as Long Market Value / Net Equity

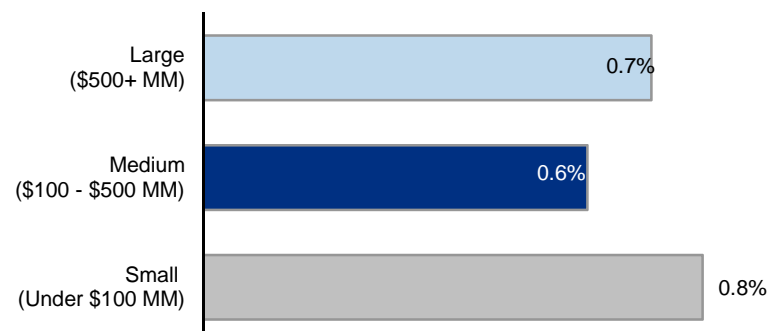
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

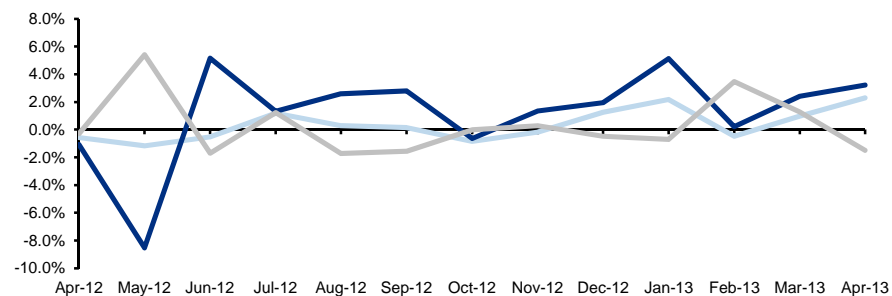
1. Universe and sample sizes may be small.

Global Macro

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	2.2%	-0.5%	1.0%	2.3%									5.0%

Hedge Fund Performance vs. Benchmark

(Monthly, LTM)

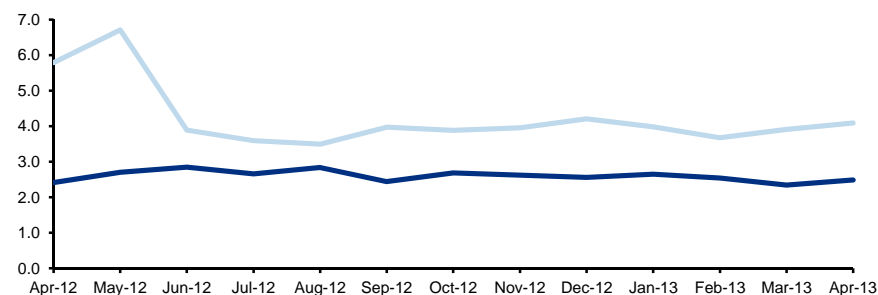


	Apr-13	Mar-13	Apr-12	YTD-13
Global Macro	2.3%	1.0%	-0.6%	5.0%
MSCI World	3.2%	2.4%	-1.1%	5.3%
US\$-Index	-1.5%	1.3%	-0.3%	2.8%

Source: Citi Prime Finance; FactSet.

Leverage Profile

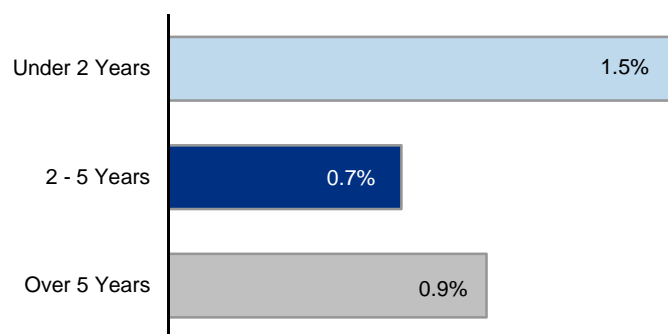
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
 LMV Leverage (Mean): Defined as Long Market Value / Net Equity

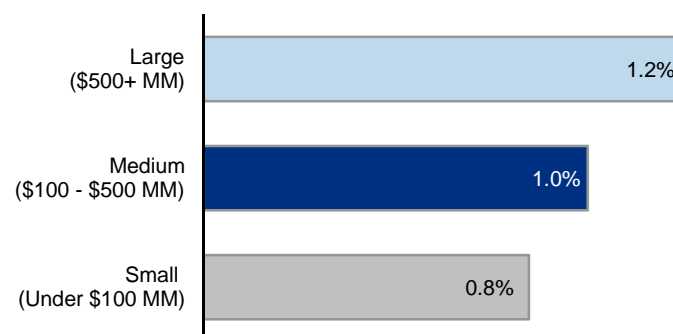
Source: Citi Prime Finance; FactSet.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance; FactSet.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

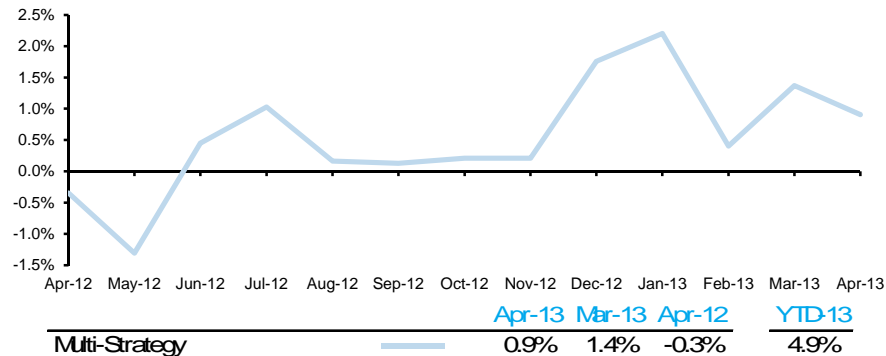
1. Universe and sample sizes may be small.

Multi-Strategy

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	2.2%	0.4%	1.4%	0.9%									4.9%

Hedge Fund Performance vs. Benchmark

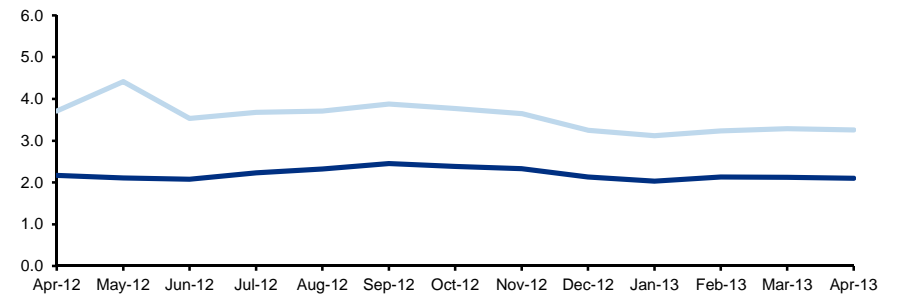
(Monthly, LTM)



Source: Citi Prime Finance.

Leverage Profile

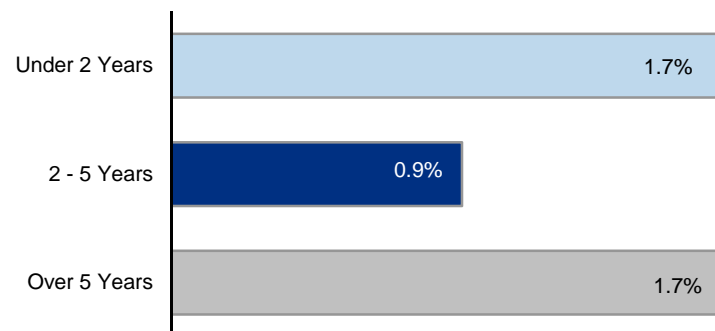
(Monthly, LTM)



Gross Leverage (Mean): Defined as the sum of (LMV + abs SMV) / Net Equity
LMV Leverage (Mean): Defined as Long Market Value / Net Equity

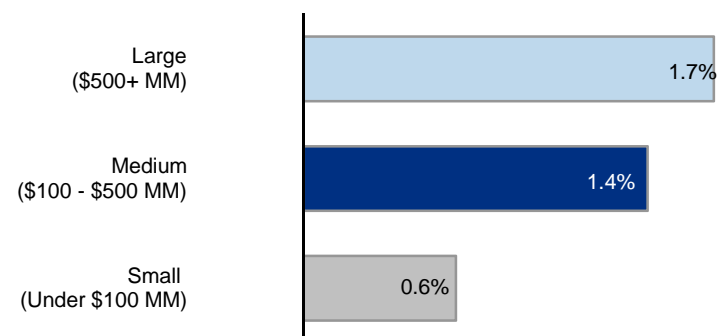
Source: Citi Prime Finance.

Hedge Fund Performance by Age¹



Source: Citi Prime Finance.

Hedge Fund Performance by Size¹



Source: Citi Prime Finance.

Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period.

1. Universe and sample sizes may be small.

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Contacts

For Further Information, Please Contact

Sandy Kaul
sandy.kaul@citi.com
212-723-5118

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