

# Hedge Fund Industry Snapshot February 2014



Based on fund universe of 5,200

# Citi Prime Finance | Market Commentary

**EMEA** 

**Americas** 

New York: +800 773-2889

San Francisco: +415 617-8554

Asia Pac

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

Australia: +612 8225-6424

EMEA: +44 0 207-986-0822

prime.advisory@citi.com icg.citi.com

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# Introduction: Highlights



# Performance, AUM & Flows

- Composite hedge fund performance, equal-weighted across funds, was down in January 2014 with performance ranging from -0.24% to +0.54%. Returns were lower than the previous month which experienced +0.56% to +1.1% over the same period.
- Hedge fund strategy wise, top performing strategies in January 2014 include Dedicated Short at +2.01%, Distressed +1.20%, Fixed Income Arbitrage +0.62%, and Convertible Arbitrage at +0.57. The lowest performing strategies include Emerging Markets -2.66%, Global Macro -0.81%, and Equity Long/ Short at -0.63%.
- According to eVestment|HFN, Hedge fund industry assets fell in January 2014 -\$14.2 billion for the month after experiencing +22.6 billion in growth in December. January losses were attributed solely from performance which totaled -\$14.5 billion. For the month, investors flows were net positive, however only accounted for +\$0.3 billion of net new flows.
- Net positive investor flows of +\$0.3 billion for January 2014 marks the first period of positive flows since November 2013. January flows were lower than the mean monthly flows for 2013 which stood at +\$5.6 billion. January 2013 net flows were +\$3.3 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 -0.2%, medium single funds (\$100-\$500 million) -0.4% and small single funds (<\$100 million) -0.4%.</li>
- Liquidity terms continued consistent patterns from 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 (53%) required no lockup (43%) or less than 1 year lock up (10%).
- Increasingly, large funds (>\$500 million AUM) hold majority portion of industry AUM (75%) compared to medium funds (\$100-\$500 million) at 20% and small funds (<\$100 million) holding only 5%.</li>

# Leverage, Shorts and Futures Market Positioning

- On a global basis, we calculate gross leverage (as measured on a mean basis) at 2.08x in January 2014 versus 2.01x in December and 2.0x in November.
- Looking across gross leverage, the following strategies showed the highest uses of leverage: Global Macro (3.44x), Convertible Arbitrage (3.42x), Multi Strategy (3.37x), and Equity Market Neutral (2.96x).
- Citi US short flows data included in this month's report show continued interest in the Energy and Health Care sectors. These sectors accounted for 28.6% of short executions and 20.9% of short covers in January vs. 21.2% of short executions and 23.9% of short covers in December 2013.
- Looking at the CFTC Commitment of Traders report for January, we see that the large speculators rebuilt their net long position in the gold market, while reducing their positions in S&P, 10-Year Treasuries and the EuroFX. In each case in those markets the large speculator net exposure has moved back to close to neutral leaving plenty of room for fresh positioning depending on the course of incoming economic data.

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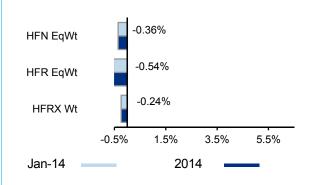
# Hedge Fund Industry: AUM, Performance



- Composite hedge fund performance, equal-weighted across funds, was down in January 2014 with performance ranging from -0.24% to +0.54%. Returns were lower than the previous month which experienced +0.56% to +1.1% over the same period.
- Global financial markets declined as volatility spiked in January, as Emerging Market currency weakness and further reduction of US Federal Reserve stimulus measures contributed to reduction in investor risk tolerance. Global equity markets posted broad based declines, with US declined led by large cap, Consumer Durables, Retail and Telecom sectors. Asian & European equities also declined, with Asian losses led by Japan & Hong Kong. Emerging Markets posted steep losses led by Brazil, Turkey and Mexico. Government bond yields declined as investors on the investor flight to quality, with US yields falling across all maturities as the curve flattened, European yields also fell across UK Gilts, German Bunds, France and Spain. Emerging markets currencies posted steep declines against the US dollar, led by the Argentine Peso and South African Rand; the US dollar gained against most currencies including the Euro, British Pound Sterling and Canadian Dollar.
- Hedge fund strategy wise, top performing strategies in January 2014 include Dedicated Short at +2.01%, Distressed +1.20%, Fixed Income Arbitrage +0.62%, and Convertible Arbitrage at +0.57. The lowest performing strategies include Emerging Markets -2.66%, Global Macro -0.81%, and Equity Long/ Short at -0.63%.

# **Monthly Industry AUM and Performance** 2.900 3% 2,850 % Monthly Performance 1% 0% 0% 2,800 ndustry AUM (\$bn) 2,750 2,700 2,650 2,600 -1% 2,550 2,500 Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13 Jul-13 Aug-13 Sep-13 Oct-13 Nov-13 Dec-13 Jan-14 —AUM —HFN EqWt —HFR EqWt —HFRX Wt Source: eVestment|HFN; Hedge Fund Research, Inc., © 2014.

# Industry Performance: Jan-14 / YTD



Source: HFR, eVestment|HFN.

### **Note Pad**

MSCI World Index: -3.7%; -3.7% YTD

MSCI EM Index: -6.5%; -6.5% YTD

• S&P 500: -3.5%; -3.5% YTD

Citi US BIG Index: +1.4%; +1.4% YTD

S&P GSCI: -1.6%; -1.6% YTD

US Dollar Index: +1.5%; +1.5% YTD

HFN Country Indices Jan -14 / YTD:

- Brazil: -5.59% / -5.59%; Australia: +2.27% / +2.27%

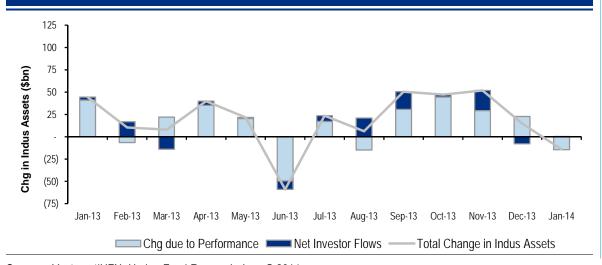
- China: -1.0% / -1.0%; Japan: -1.64% / -1.64%

# Hedge Fund Industry: Change in Industry Assets



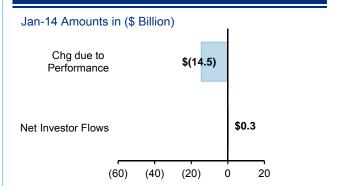
- Hedge fund industry assets fell in January 2014 -\$14.2 billion for the month after experiencing +22.6 billion in growth in December. January losses were attributed solely from performance which totaled -\$14.5 billion. For the month, investors flows were net positive, however only accounted for +\$0.3 billion of net new flows.
- January performance losses were down from average monthly industry performance of 2013 which stood at +\$16.0B. Jan-14 industry performance stands in contrast to Jan-13 which experienced +\$41.1 billion in gains over the same period..
- Net positive investor flows of +\$0.3 billion for January 2014 marks the first period of positive flows since November 2013. January flows are lower than the mean monthly flows for 2013 which stood at +\$5.6 billion. January 2013 net flows were +\$3.3 billion over the same period.
- Total industry AUM now stands at \$2.84 trillion for 2013, a decrease of -0.5% from December 2013 and an overall increase of +13.2% from January 2013.

# Monthly Change in Industry Assets and Composition



Source: eVestment|HFN; Hedge Fund Research, Inc., © 2014.

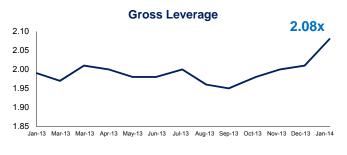
### **Composition of Change in Assets**



Source: HFR, eVestment|HFN.

### **Leverage Trends**

The Citi Prime Finance calculation for gross leverage (as measured on a mean basis) 2.08x in January 2014.



Gross Leverage (mean): defined as sum of (LMV + abs SMV) / Net Equity

# Monthly Update: Notable Investor Themes



### **Regional Focus: The Netherlands**

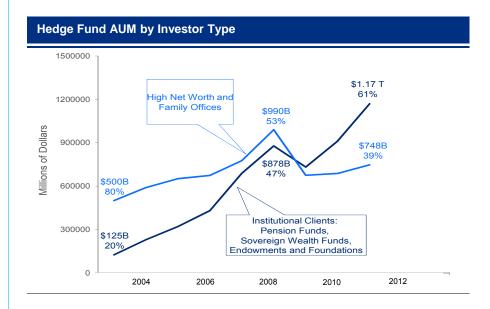
Recent travel to the Netherlands enabled the Capital Introductions team to meet with the bulk of local allocators, most of whom are institutional in nature and who form a concentrated group, numbering approximately a dozen. Dutch investors typically adopt a conservative approach towards their hedge fund investments, preferring the large, established, blue-chip managers. In terms of strategies, they will mostly contemplate strategies which they perceive as "all-weather", citing Multi-Strategy and Global Macro as favourites and the core of their allocations. Investors in the Netherlands, unlike many other European geographies, are disinclined towards investments in UCITS which they frequently cited as being of a lesser quality in their estimation. Dutch investors are also keen to see willingness from their managers to engage in significant fee negotiations.

# Highlights from Recent Events

- Our Asia Capital Introductions team hosted our 7<sup>th</sup> Annual Asia Capital Introduction Conference on Tuesday, January 14<sup>th</sup> in Grand Hyatt Hotel in Wanchai, Hong Kong. Throughout the day over 80 investors took part in 300 introductions to APAC based managers.
- Our US Capital Introductions team hosted 12 Prime Finance Clients for an Event Driven Forum on Wednesday, January 22nd in Manhattan. The event included a manager panel moderated by the Head of Citi's Event Driven Desk in the Americas and resulted in over 325 introductions to Event Driven Managers.
- Our US Capital Introductions team hosted 3 Equity L/S Managers and 17 investors for a roundtable discussion on opportunities within the equities market in Philadelphia on January 10<sup>th</sup>

### **Investor Vertical: UK Family Offices**

Family offices continue to be an important segment of the allocator base in the UK. Having recently engaged in a number of meetings with London-based family offices, these have been found to be varied in their approach and appetite for hedge fund investments. Some SFOs prefer to invest in emerging managers and allocate on a dynamic basis, whilst others, especially MFOs or SFOs with many beneficiaries or further removed from the source of wealth creation, are extremely conservative and adopt a "blue-chip only" approach. Strategies frequently cited as of interest to family offices are hybrid strategies such as direct lending and reg cap, as this investor base frequently has more tolerance for illiquidity. Macro remains a sought-after strategy with many invested in the larger names and looking to diversify their exposure.



Source: Citi Prime Finance analysis based on HFR data

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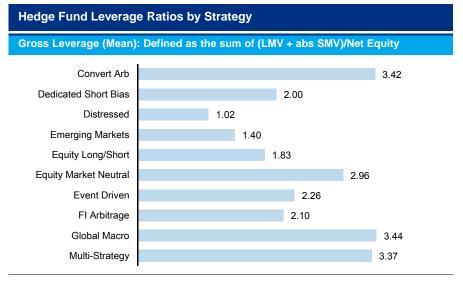
# Hedge Fund Stats by Strategy









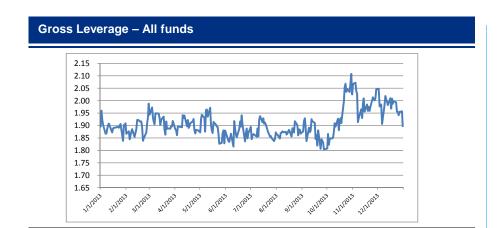


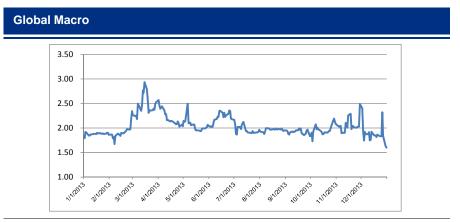
Source: Citi Prime Finance.

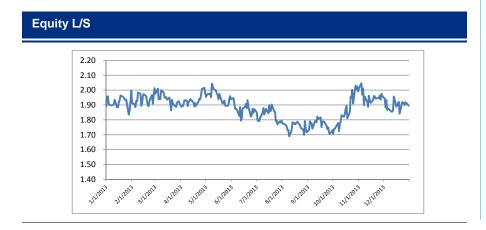
Note: Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period. Asset and Strategy breakdowns update quarterly.

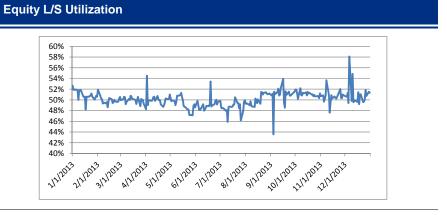
# Daily Changes in Gross Hedge Fund Leverage









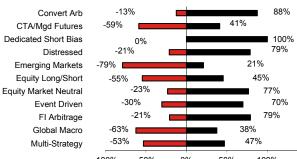


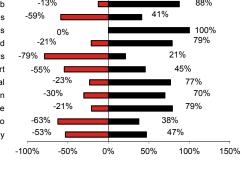
# Hedge Fund Performance Trends: Red / Black Report





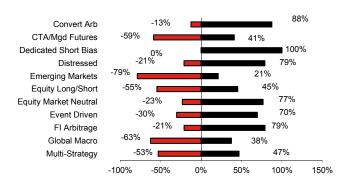




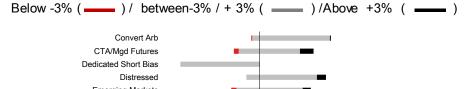


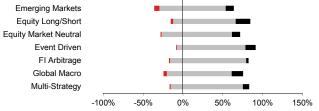
# 2014 - Percentage of Reporting Funds

# Negative ( ) / Positive ( ) Performance



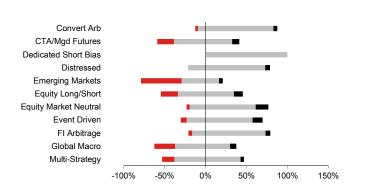
# January 2014 - Percentage of Reporting Funds





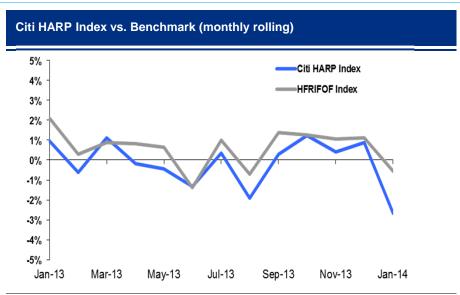
# 2014 - Percentage of Reporting Funds

Below -3% ( \_\_\_\_\_ ) / between-3% / + 3% ( \_\_\_\_\_ ) /Above +3% ( \_\_\_\_\_ )



# Citi Liquid Hedge Fund Replicator (HARP)





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

	Jan-14	Dec-13	Jan-13	YTD-14
Citi Harp	-2.67%	0.87%	0.97%	-2.67%
HFRIFOF	-0.57%	1.11%	2.13%	-0.57%

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	0.77%	8.72%
Annualised Volatility	4.23%	3.09%
Sharpe Ratio	0.11	2.72
Correlation	85%	-

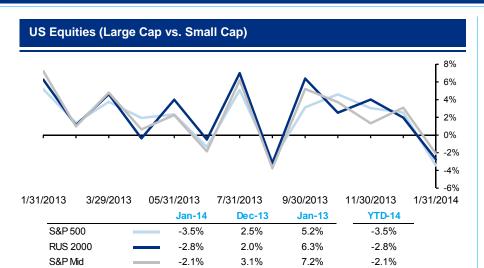
The purpose of the Index is to approximate in broad terms the performance of the hedge fund sector by achieving a similarity between the pattern of the returns of the Index and the pattern of the returns of a Benchmark - the HFRI Fund of Funds Composite Index.

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.

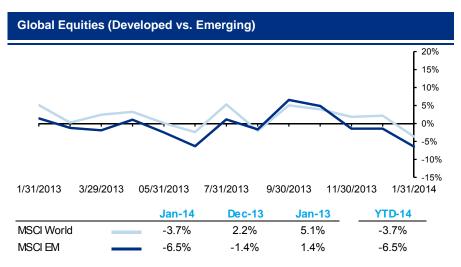
The weighting within the Index of each component is determined monthly. Every month, a multiple linear regression algorithm is used to identify the appropriate weighting.

# Market Performance

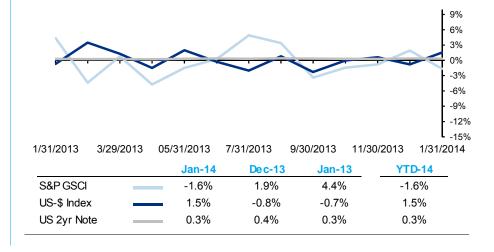




### Fixed Income (High-Grade vs. High-Yield) 3% 2% 1% 0% -1% -2% -3% 1/31/2013 7/31/2013 9/30/2013 11/30/2013 1/31/2014 3/29/2013 05/31/2013 De c-13 Jan-13 YTD-14 Jan-14 Citi US BIG Index 1.4% -0.5% -0.7% 1.4% Citi HY Bond Index 0.7% 0.5% 1.3% 0.7%



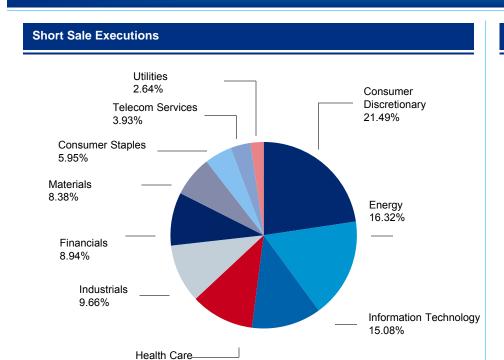
# **Commodities (US\$ Performance)**



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

# **US Securities Lending Sector Short Flows**



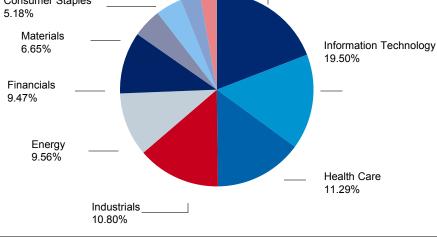


		% Previous Month	% Change From
Sector Short Flows	% Short Execution	Short Execution	Previous Month
Consumer Discretionary	21.49	23.73	-9.44
Energy	16.32	11.53	41.54
Information Technology	15.08	18.13	-16.82
Health Care	12.27	9.65	27.15
Industrials	9.66	12.66	-23.7
Financials	8.94	10.67	-16.21
Materials	8.38	4.99	67.94
Consumer Staples	5.95	7.40	-19.59
Telecom Services	3.93	2.38	65.13
Utilities	2.64	3.64	-27.47

12.27%

# Telecom Services 3.52% Consumer Discretionary 19.74% Consumer Staples 5.18% Materials

**Short Cover Executions** 



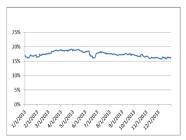
		% Previous Month	% Change From
Sector Short Flows	% Cover Execution	Short Cover	Previous Month
Consumer Discretionary	19.74	15.77	25.17
Information Technology	19.50	18.94	2.96
Health Care	11.29	10.22	10.47
Industrials	10.80	10.57	2.18
Energy	9.56	13.75	-30.47
Financials	9.47	14.62	-35.23
Materials	6.65	4.79	38.83
Consumer Staples	5.18	4.36	18.81
Utilities	3.77	3.25	16
Telecom Services	3.52	2.75	28

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

# Equity Long / Short Hedge Fund Sector Positioning







### **Consumer Staples**



**Energy** 



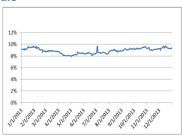
### **Financials**



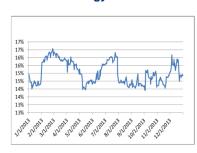
**Health Care** 



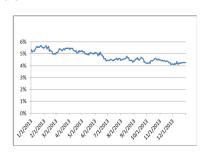
**Industrials** 



### **Information Technology**



**Materials** 



**Telecom** 

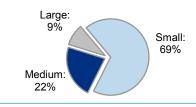


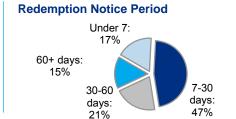
Source: Gross equity long and short positions aggregated by sector are taken as a percent of total gross equity longs and shorts

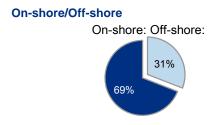
# Hedge Fund (Fund Level) Profiles



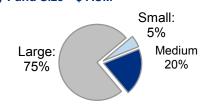
By Fund Size—No. of Funds



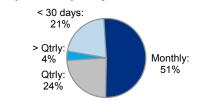




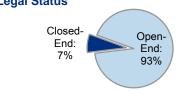
By Fund Size—\$ AUM



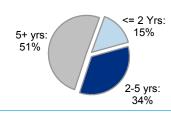


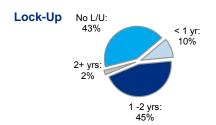


Legal Status

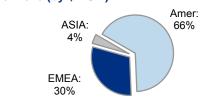


By Fund Age—No. of Funds



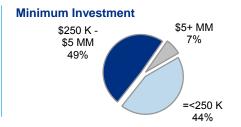


Domicile (by \$ AUM)



### By Fund Age—\$ AUM





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: Medium (\$100-\$500 Million)



		Median	Median	Median	Domicile:	0"	Preferred	Preferred Redemption	Preferred Redemption
Hedge Fund Age	% of Total	AUM (\$MM)	Monthly Perform	YTD Perform	Americas Region	Off- Shore	Lock-Up / % of Total	Notice/ % of Total	Frequency/ % of Total
Jnder 4 yrs	15%	\$1,863	-0.2%	-0.2%	73%	94%	1-2 yrs / 76%	7-30 days / 69%	Monthly / 56%
l-8 yrs	28%	\$2,053	0.2%	0.2%	71%	66%	1-2 yrs / 79%	60+ days / 31%	Monthly / 40%
Over 8 yrs	57%	\$2,634	-0.4%	-0.4%	67%	71%	1-2 yrs / 41%	7-30 days / 32%	Monthly / 47%
Total	100%	\$2,277	-0.2%	-0.2%	69%	73%	1-2 years / 51%	7-30 days / 34%	Monthly / 48%

								Preferred	Preferred
		Median	Median	Median	Domicile:		Preferred	Redemption	Redemption
		AUM	Monthly	YTD	<b>Americas</b>	Off-	Lock-Up /	Notice/	Frequency/
<b>Hedge Fund Age</b>	% of Total	(\$MM)	Perform	Perform	Region	Shore	% of Total	% of Total	% of Total
Under 4 yrs	20%	\$211	-0.5%	-0.5%	73%	84%	1-2 yrs / 75%	7-30 days / 52%	Under 30 / 51%
4-8 yrs	16%	\$230	0.2%	0.2%	70%	73%	1-2 yrs / 66%	7-30 days / 41%	Monthly / 49%
Over 8 yrs	64%	\$226	-0.6%	-0.6%	72%	65%	No / 52%	7-30 days / 48%	Under 30 / 57%
Total	100%	\$225	-0.4%	-0.4%	72%	68%	No / 44%	7-30 days / 46%	Monthly / 52%

Hedge Funds: Small (<\$100 Million)														
							Preferred	Preferred						
	Median	Median	Median	Domicile:		Preferred	Redemption	Redemption						
	AUM	Monthly	YTD	<b>Americas</b>	Off-	Lock-Up /	Notice/	Frequency/						
% of Total	(\$MM)	Perform	Perform	Region	Shore	% of Total	% of Total	% of Total						
32%	\$26	-0.4%	-0.4%	89%	79%	1-2 yrs / 71%	7-30 days / 32%	Monthly / 44%						
30%	\$34	-0.3%	-0.3%	66%	78%	1-2 yrs / 63%	7-30 days / 43%	Monthly / 52%						
38%	\$36	0.8%	15.8%	69%	65%	No / 42%	7-30 days / 55%	Monthly / 54%						
100%	\$32	-0.4%	-0.4%	69%	73%	1-2 yrs / 46%	7-30 days / 50%	Monthly / 52%						
	% of Total 32% 30% 38%	Median AUM % of Total (\$MM) 32% \$26 30% \$34 38% \$36	Median AUM AUM (\$MM)         Median Monthly Perform           32% \$26 -0.4%           30% \$34 -0.3%           38% \$36 0.8%	Median AUM         Median Monthly Monthly         Median YTD           % of Total (\$MM)         Perform Perform           32%         \$26         -0.4%         -0.4%           30%         \$34         -0.3%         -0.3%           38%         \$36         0.8%         15.8%	Median AUM AUM Soft Total         Median Monthly Perform Perform Perform         Domicile: Americas Region           32% \$26 -0.4% -0.4% 30% \$34 -0.3% -0.3% -0.3% 66% 38% \$36 0.8% 15.8% 69%	Median AUM         Median Monthly Monthly         Median YTD YTD Perform         Americas Americas Perform         Off-Region Shore           32%         \$26         -0.4%         -0.4%         89%         79%           30%         \$34         -0.3%         -0.3%         66%         78%           38%         \$36         0.8%         15.8%         69%         65%	Median AUM         Median Monthly         Median YTD         Domicile: Americas         Preferred Lock-Up / Lock-Up / Lock-Up / Shore           % of Total         (\$MM)         Perform         Perform         Region         Shore         % of Total           32%         \$26         -0.4%         -0.4%         89%         79%         1-2 yrs / 71%           30%         \$34         -0.3%         -0.3%         66%         78%         1-2 yrs / 63%           38%         \$36         0.8%         15.8%         69%         65%         No / 42%	Median AUM         Median Monthly         Median YTD         Domicile: Americas         Preferred Lock-Up / Americas         Redemption Notice/ Notice/           % of Total         (\$MM)         Perform         Perform         Region         Shore         % of Total         % of Total           32%         \$26         -0.4%         -0.4%         89%         79%         1-2 yrs / 71%         7-30 days / 32%           30%         \$34         -0.3%         -0.3%         66%         78%         1-2 yrs / 63%         7-30 days / 43%           38%         \$36         0.8%         15.8%         69%         65%         No / 42%         7-30 days / 55%						

Source: Citi Prime Finance.

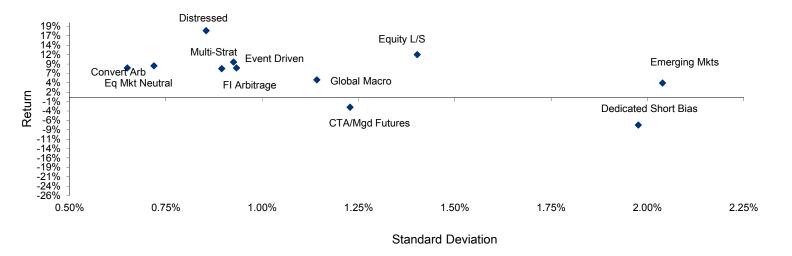
Note: Domiciles, lock-up and redemption metrics updated quarterly. Hedge fund data is self-reported; each calculation is based on the respective data from funds who have reported for the current period. Median YTD performance is calculated from funds reporting for all underlying periods. "n/m" = Not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

# Risk and Return Metrics





Source: Credit Suisse Tremont.



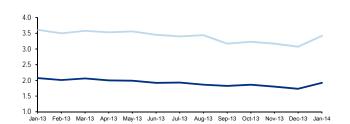
# Convertible Arbitrage



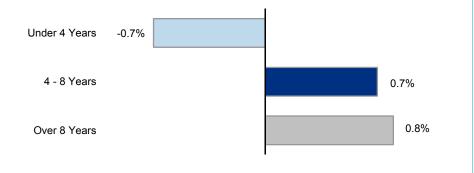
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	0.6%												0.6%

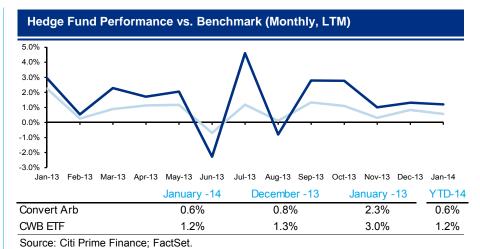
# **Performance Commentary**

• Convertible arbitrage managers posted another positive month in January returning +0.6% after finishing 2013 at +10.3%. Gross leverage has increased from the end of last year, standing at 3.42x as of end January.

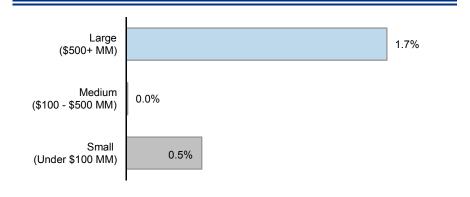


# Hedge Fund Performance by Age<sup>1</sup>





# Hedge Fund Performance by Size<sup>1</sup>



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.

<sup>1.</sup> Universe and sample sizes may be small.

# CTA/Managed Futures

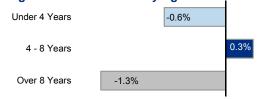


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	-0.6%												-0.6%



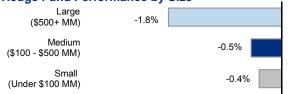
Source: Citi Prime Finance; FactSet.

# **Hedge Fund Performance by Age**



Source: Citi Prime Finance.

### **Hedge Fund Performance by Size**



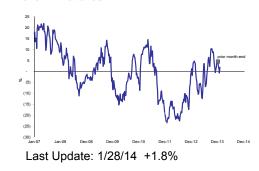
Source: Citi Prime Finance.

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



### **EuroFX Futures**



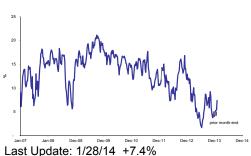
Source: CFTC, Bloomberg, Citi Futures Perspective.

### **US 10-Year Treasury Futures**



Last Update: 1/28/14 -1.4%

### **Gold Futures**



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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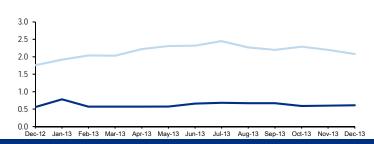
# **Dedicated Short Bias**



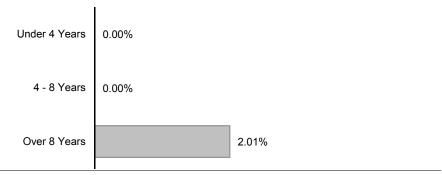
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	2.0%												2.0%

### **Performance Commentary**

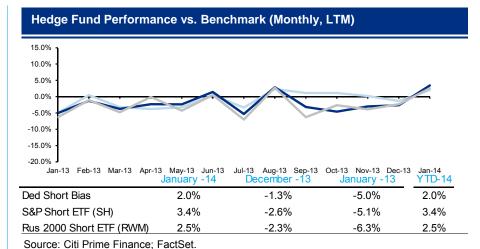
Dedicated Short Bias funds posted strong returns in January as broad based returns were +2.0% compared to full year 2013 performance at -13.6%. Gross leverage which peaked in July at 2.5x, has leveled off to the 2.0x – 2.2x range over the last several months.



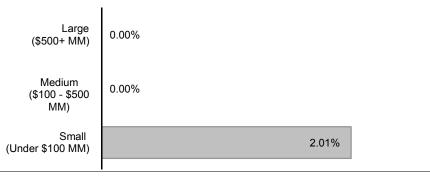
### Hedge Fund Performance by Age<sup>1</sup>



Source: Citi Prime Finance.



### Hedge Fund Performance by Size<sup>1</sup>



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.

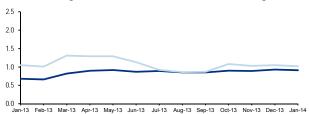
# **Distressed**



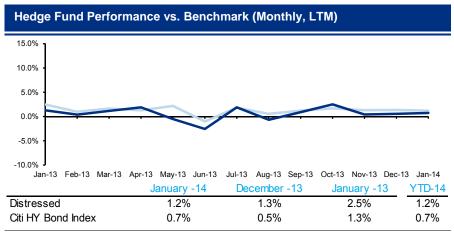
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	1.2%												1.2%

# **Performance Commentary**

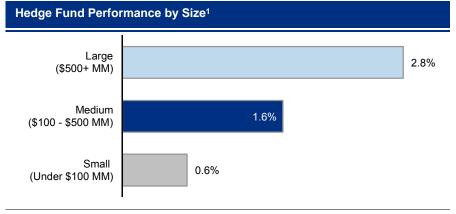
Distressed managers posted continued positive performance in January and outperformed the Citi HY Bond index by 50 bps. Managers benefited from various restructuring activity mainly concentrated across the basic materials, communications and consumer sectors. As a category, Distressed funds trailed only Dedicated Short funds in January. Gross leverage remains in the 1.0x – 1.1x range.



# Under 4 Years 0.2% 4 - 8 Years 1.6% Over 8 Years



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



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.

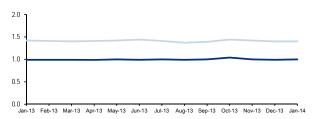
# **Emerging Markets**



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	-2.7%		•					•			•	•	-2.7%

### **Performance Commentary**

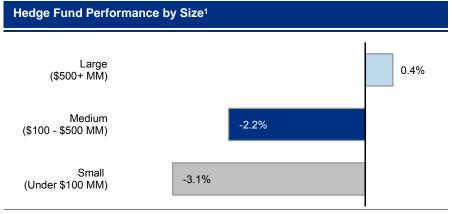
• In line with the decline of developed markets equities, emerging markets focused hedge funds finished the month in negative territory. Regionally, LatAm and Russian based funds experienced the most difficulty. Smaller, older vintage EM focused funds trailed the broad category average fund, while the average large ( > \$500 MM) fund returned +0.4%. Gross leverage remains in the 1.35x - 1.4x range.



# Under 4 Years 4 - 8 Years -2.7% Over 8 Years -3.6%

**Hedge Fund Performance vs. Benchmark (Monthly, LTM)** 20.0% 15.0% 10.0% 5.0% 0.0% -5.0% -10.0% Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13 Jul-13 Aug-13 Sep-13 Oct-13 Nov-13 Dec-13 Jan-14 YTD-14 December -13 January -14 January -13 Emerging Mkts -2.7% 0.8% 3.4% -2.7% MSCI EM -6.5% -1.4% 1.4% -6.5% JPM EMBIG Core ETF (EMB) 0.3% -2.9% -0.8% -0.8% DB EM Liquid ETF (PCY) -0.6% 0.6% -3.0% -0.6%

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



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.

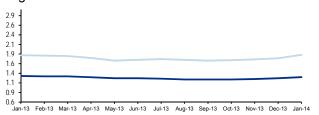
# **Equity Long/Short**



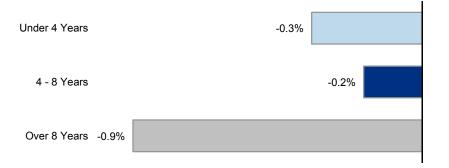
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	-0.6%												-0.6%

### **Performance Commentary**

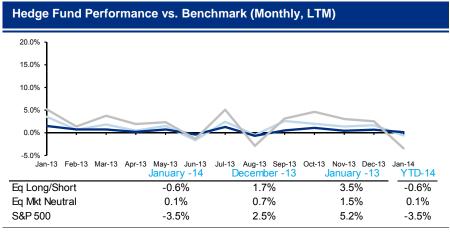
Equity Long/Short funds finished January in negative territory at -0.6%, yet outperformed the S&P 500 by 290 bps. Larger Equity L/S funds (> \$500MM) outperformed smaller funds returning -0.2% for Jan-14. However, within Equity L/S sub strategies on average, Technology-focused and Energy-focused managers reported positive performance in January. Consistent with recent periods gross leverage remains in the 1.8x - 1.83x range.



# Hedge Fund Performance by Age<sup>1</sup>

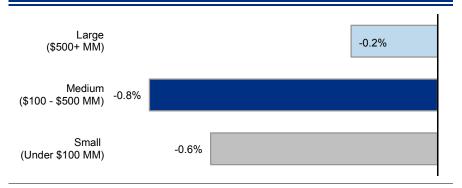


Source: Citi Prime Finance.



Source: Citi Prime Finance: FactSet.

# Hedge Fund Performance by Size<sup>1</sup>



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.

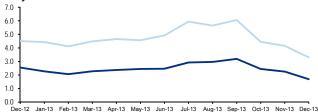
# **Equity Market Neutral**

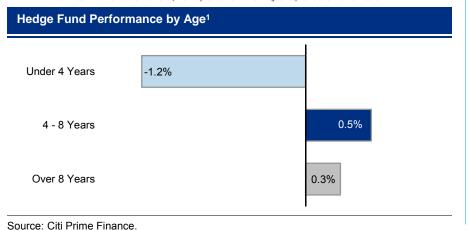


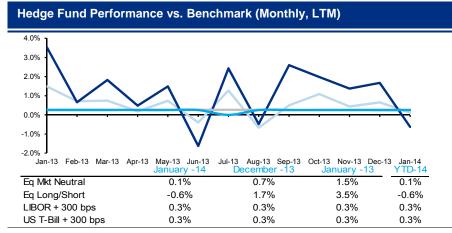
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	0.1%								_				0.1%

### **Performance Commentary**

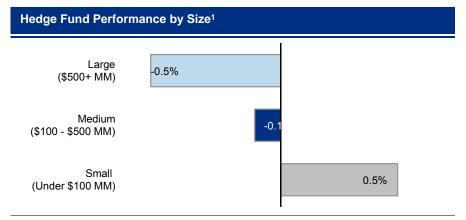
Equity Market Neutral funds continued the performance gains experienced in 2013 finishing the month in positive territory at +0.1%. Smaller funds (under \$100 MM) outperformed larger funds within the strategy reversing the trend from year end. Broadly, Equity M/N funds underperformed the benchmarks for Jan-14. Overall, equity market neutral funds pulled back gross leverage which peaked in Sept. and closed the year at 3.3x.







Source: Citi Prime Finance; FactSet.



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**

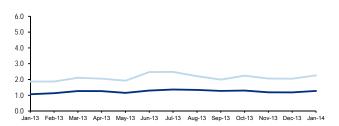


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	0.3%												0.3%

## **Performance Commentary**

1. Universe and sample sizes may be small.

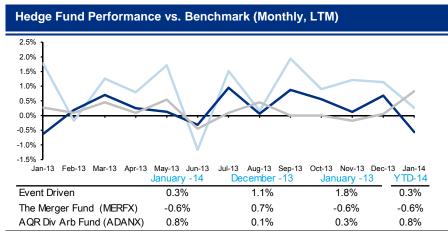
 Event Driven managers posted +0.3% in January extending 2013 gains. Within the category, special situation funds performed exceptionally well with the largest funds returning +0.6%. Event Driven funds outperformed the benchmark MERX yet trailed and ADANX by 50 bps. Gross Leverage increased into the 2.2x range for the first time since 3Q13.



# Hedge Fund Performance by Age<sup>1</sup> Under 4 Years 1.4% 4 - 8 Years 0.5% Over 8 Years 0.1%

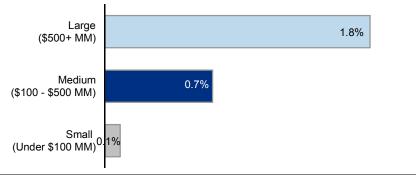
Source: Citi Prime Finance. Source: Citi Prime Finance.

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



Source: Citi Prime Finance; FactSet.

# Hedge Fund Performance by Size<sup>1</sup>



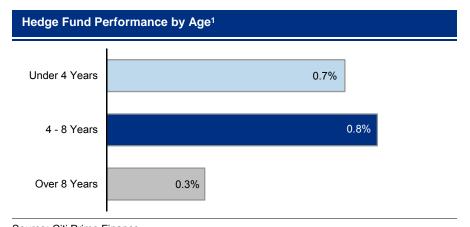
# FI Arbitrage



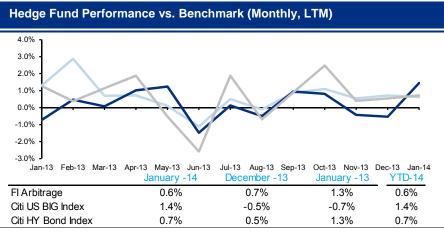
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	0.6%												0.6%

# **Performance Commentary**

- Fixed income yields generally increased worldwide following the Fed's announcement to reduce its quantitative easing program's monthly purchases by \$10 billion. Increases in European bond yields were led by cheapening UK Gilts and German Bunds.
- FI Arbitrage funds experienced strong performance in January across all sub-strategies as fixed income assets responded to a flight to quality. Relative Value Fixed Income funds were the strongest performing sub strategies lead by Sovereign Rate funds. Broad category performance trailed the benchmarks as Citi's HY and US BIG bond indices returned +0.7% and +1.4% respectively.

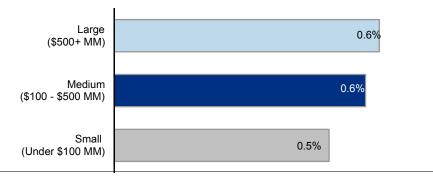


Source: Citi Prime Finance.



Source: Citi Prime Finance; Citigroup Index LLC.





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.

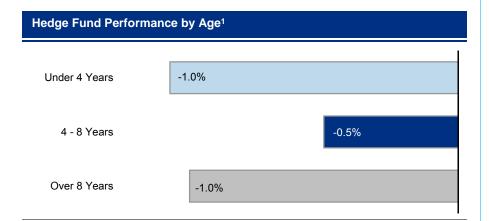
# Global Macro

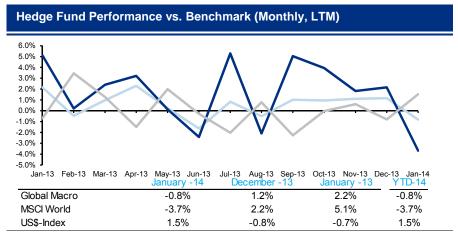


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	-0.8%												-0.8%

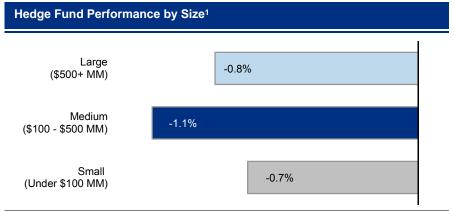
### **Performance Commentary**

- The US Dollar gained against most currencies in January as the Fed reduced its large-scale asset purchases by \$10 billion per month, especially against emerging market currencies. The Argentine Peso and the South African Rand recorded the steepest declines against the Dollar during the month. The Dollar also gained against the Euro, Canadian Dollar and Pound Sterling. The Yen however, finished the month strengthening against the Dollar. In the commodities space, activity was mixed as copper, wheat, sugar, aluminum and oil prices declined, while gold, coffee, cocoa, natural gas and cattle prices appreciated
- In the global macro space, hedge fund managers collectively posted negative returns end Jan-14 down -0.8%, significantly trailing the US Dollar Index but outperforming the MSCI World by 290 bps. Overall category performance dispersion was wide with performance ranging from -17.3% to +8.8%.





Source: Citi Prime Finance: FactSet.



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.

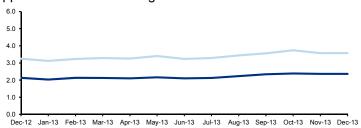
# **Multi-Strategy**

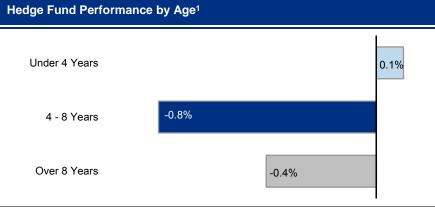


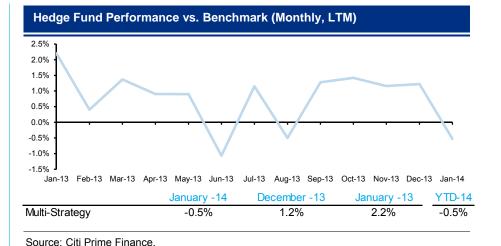
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	YTD
Citi-derived Median	-0.5%												-0.5%

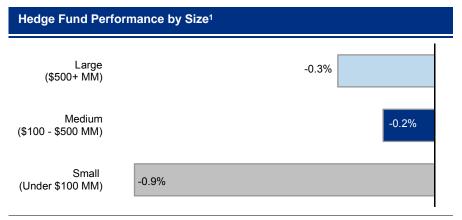
### **Performance Commentary**

• Multi Strategy funds posted negative results for January with dispersion ranging from +8.8% to -17.31% across the sample of mangers reporting monthly performance. Across sub categories, smaller funds significantly underperformed larger funds with average returns of -0.2%. Multi Strategy funds pulled back risk in January as gross leverage dropped to 3.37x after having finished 2013 at 3.6x.









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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