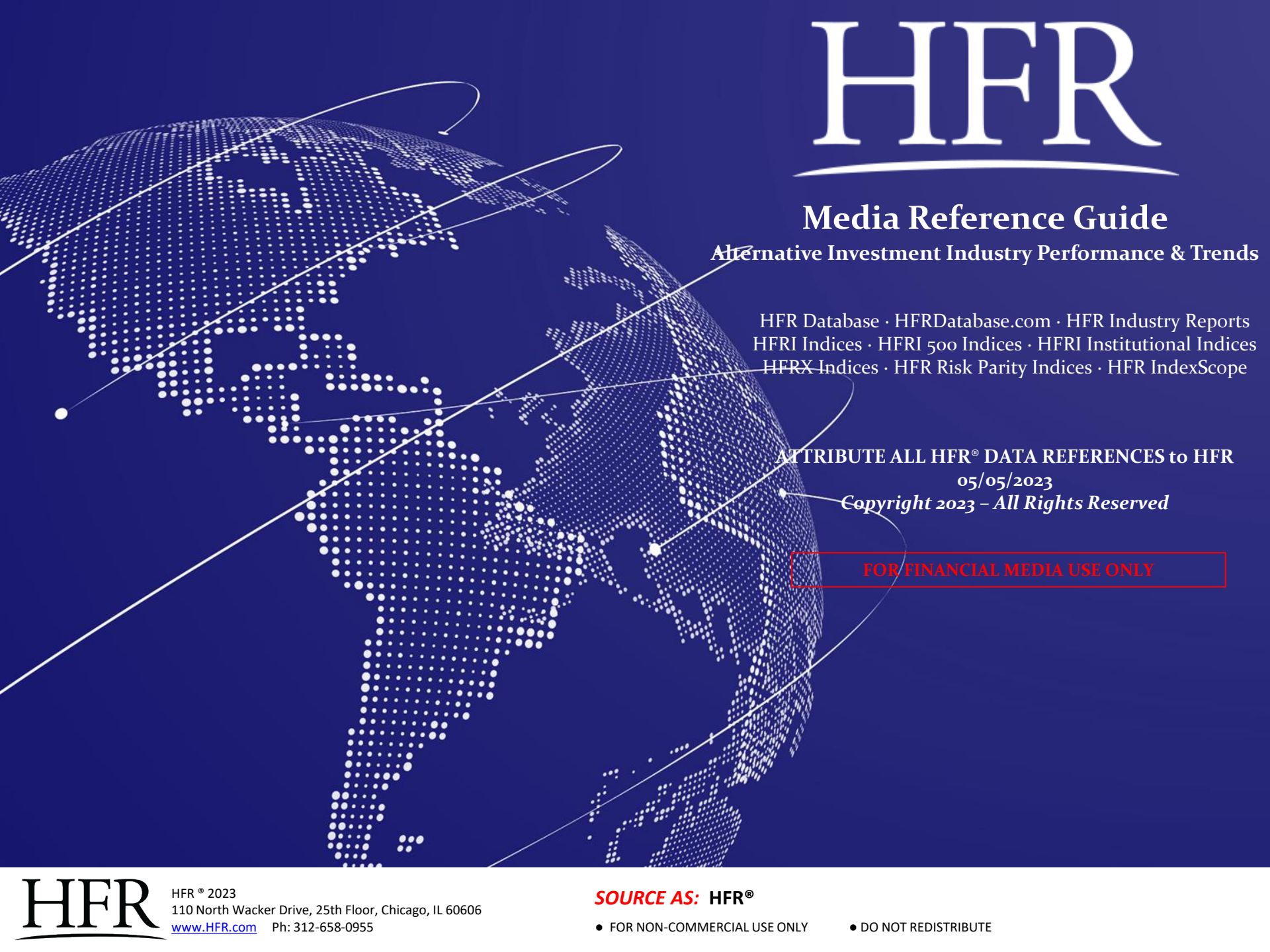




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Media Reference Guide

Alternative Investment Industry Performance & Trends

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HFRI 500 GAINS IN APRIL AS MANAGERS NAVIGATE BANKING TURMOIL

MACRO STRATEGIES LEAD HFRI 500 AS VOLATILITY SURGES ACROSS ASSET CLASSES; HFRI EQUITY HEDGE INDEX EXTENDS STRONG, OPPORTUNISTIC YTD GAINS

CHICAGO, (May 5, 2023) – Hedge funds posted gains in April as banking turmoil and volatility accelerated throughout the month and extended into May with the closure and distressed acquisition of First Republic Bank. The HFRI 500 Fund Weighted Composite Index advanced +0.4 percent (estimated) in April, as managers effectively navigated the recent surge in banking volatility with performance gains led by Macro strategies. The HFRI Fund Weighted Composite Index® (FWC) also gained an estimated +0.4 percent for the month, led by Macro and Equity strategies, according to data released today by HFR®, the established global leader in the indexation, analysis and research of the global hedge fund industry.

Performance dispersion narrowed in April, as the top decile of the HFRI FWC constituents advanced by an average of +5.5 percent, while the bottom decile fell by an average of -4.4 percent, representing a top/bottom dispersion of only 9.9 percent for the month. By comparison, the dispersion in March performance was 18.3 percent. Nearly half of hedge funds posted positive performance in April.

Uncorrelated Macro was the top-performing strategy for the month, led by fundamental, discretionary Macro strategies and complemented by quantitative, trend-following CTA strategies. The investible HFRI 500 Macro Index gained +1.2 percent for the month, while the investible HFRI 400 (US) Macro Index advanced +0.7 percent (estimated). The HFRI 500 Trend Following Index jumped +1.6 percent in April, while the HFRI 500 Macro: Discretionary Thematic Index added +0.3 percent.

Equity Hedge funds, which invest long and short across specialized sub-strategies, also gained in April, driven by Healthcare and Energy sub-strategies, as volatility surged across the financial sector. The HFRI Equity Hedge (Total) Index advanced an estimated +0.4 percent, while the investible HFRI 400 (US) Equity Hedge Index added +0.1 percent in April. EH sub-strategy gains were led by the HFRI EH: Healthcare Index, which surged +3.9 percent for the month, while the HFRI EH: Energy/Basic Materials Index added +1.5 percent. In the first four (4) months of the year, the HFRI 500 Equity Hedge Index has gained +2.3 percent to lead all primary strategy areas.

Event-Driven strategies, which often focus on out-of-favor, deep value equity exposures and speculation on M&A situations, also advanced in April as risk in Financials accelerated; the investible HFRI 400 Event-Driven Index gained +0.2 percent (estimated), while the HFRI Event-Driven (Total) Index also added an estimated +0.2 percent. ED sub-strategy performance was led by the HFRI ED: Special Situations Index, which gained an estimated +1.2 percent, while the HFRI ED: Credit Arbitrage Index added +0.5 percent.

Fixed income-based, interest rate-sensitive strategies posted gains in April, as the Federal Reserve prepared to raise interest rates and regional bank risk accelerated; the HFRI 500 Relative Value Index gained an estimated +0.1 percent for the month, while the HFRI Relative Value (Total) Index advanced +0.25 percent (estimated). Leading sub-strategy performance, the HFRI RV: Yield Alternatives Index advanced +1.4 percent in April, while the HFRI RV: Fixed Income-Asset Backed Index added +0.8 percent.

Liquid Alternative UCITS strategies also gained in April, with the HFRX Global Index returning +0.34 percent, while the HFRX Market Directional Index added +0.71 percent. HFRX sub-strategy performance was led by the HFRX Macro Index, which gained +1.36 percent, and the HFRX Equity Hedge Index, which added +0.61 percent for the month. The HFRI Diversity Index advanced an estimated +0.3 percent in April, while the HFRI Women Index declined -1.3 percent.

“Hedge fund managers have continued to navigate the surge in bank and financial risk volatility, with historic dislocations, chaotic, frenzied trading and structural uncertainty conditions unlike anything since 2008, or possibly even prior to that. Given this surge in volatility, comparable in magnitude to 2008, the worst year in the history of HFRI performance, managers posted gains in May across a range of equity, credit and trading oriented strategies as weakness and risk concentrated in regional banks dominated financial market conditions, culminating with the closure and sale of First Republic Bank,” stated Kenneth J. Heinz, President of HFR. “Financial risk has accelerated into May with managers positioning opportunistically for additional structural dislocations and fluid developments within the regional bank trading environment or more broadly, positioning through the record rate of interest rate increases, possibly peaking inflation, and uncertainty with regard to US and global economic growth in 2023. Once again, institutions are likely to allocate or increase allocations to managers demonstrating both the defensive capital preservation and specialized, opportunistic exposure to these historic financial market developments.”



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110 North Wacker Drive, 25th Floor, Chicago, IL 60606
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HFR® is the global leader in the alternative investment industry. Established in 1992, HFR specializes in the areas of indexation and analysis of hedge funds. HFR Database, the most comprehensive resource available for hedge fund investors, includes fund-level detail on historical performance and assets, as well as firm characteristics on both the broadest and most influential hedge fund managers. HFR has developed the industry's most detailed fund classification system, enabling granular and specific queries for relative performance measurement, peer group analysis and benchmarking. HFR produces over 100 indices of hedge fund performance ranging from industry-aggregate levels down to specific, niche areas of sub-strategy and regional investment focus. With performance dating back to 1990, the HFRI Fund Weighted Composite Index is the industry's most widely used standard benchmark of hedge fund performance globally. The HFR suite of Analysis Products leverages the HFR Database to provide detailed, current, comprehensive and relevant aggregate reference points on all facets of the hedge fund industry. HFR also offers consulting services for clients seeking customized top-level or more nuanced analysis.

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The licensed/redistributed HFR Database, currently comprised of nearly 6,000 alternative investment products, is available to all accredited investors. Information on our hedge fund universe of established and emerging managers is collected directly from the fund managers and/or their respective offshore administrators, while other pertinent information is culled from offering memoranda, onsite visits, and due diligence interviews.

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HFR believes that accurate information on fund managers is critical to any alternative investment enterprise. To that end, our analysts have monitored and tracked performance and administrative data internally on over 26,000 historically, covering both domestic and international funds, offering comprehensive information not available from other commercial data providers. HFR's dedicated Research Staff searches for new funds to add to the Database on a daily basis.



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Databases

- ❖ HFR Database
- ❖ www.HFRdatabase.com
- ❖ HFR Dead Fund Database
- ❖ HFR Investor Database

Database Segments

- ❖ HFRI 500 Database
- ❖ HFRI Institutional Database
- ❖ HFRI FOF Synthetic Database
- ❖ HFR Equity Hedge Strategies Database
- ❖ HFR Event Driven Strategies Database
- ❖ HFR Macro Strategies Database
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- ❖ HFR Asian Hedge Fund Database
- ❖ HFR Emerging Markets Hedge Fund Database
- ❖ HFR UCITS Database
- ❖ HFR Diversity Universe & New Managers DB

HFR Indices

- ❖ HFRI 500 Hedge Fund Indices
- ❖ HFRI Institutional Hedge Fund Indices
- ❖ HFRI-I Liquid Alternative UCITS Indices
- ❖ HFRI Monthly Indices
- ❖ HFRX Daily and Monthly Indices
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- ❖ HFR Global Hedge Fund Industry Report
- ❖ HFR Market Microstructure HF Industry Report
- ❖ HFR Asia Hedge Fund HF Industry Report
- ❖ HFR Emerging Markets HF Industry Report

HFRI® Indices – 2023 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
HFRI Fund Weighted Composite Index	2.66	(0.64)	(0.80)	0.41	1.60	1.19
HFRI Asset Weighted Composite Index	0.47	0.76	(1.84)	0.73	0.10	(0.63)

Single-Manager Strategy Indices		Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
Equity Hedge	HFRI Equity Hedge (Total) Index	3.83	(1.31)	0.04	0.41	2.93	2.51
	HFRI Equity Hedge (Total) Index - Asset Weighted	3.35	(0.89)	0.07	1.17	3.71	2.51
	HFRI EH: Equity Market Neutral Index	0.14	0.42	0.21	(0.58)	0.18	0.77
	HFRI EH: Fundamental Growth Index	4.69	(2.22)	0.12	(0.45)	2.02	2.49
	HFRI EH: Fundamental Value Index	4.59	(1.27)	(0.17)	0.67	3.78	3.09
	HFRI EH: Multi-Strategy Index	3.96	(0.64)	0.14	1.10	4.58	3.44
	HFRI EH: Quantitative Directional Index	3.16	(1.98)	1.78	(0.48)	2.43	2.92
	HFRI EH: Sector - Energy/Basic Materials Index	2.36	(2.17)	(1.17)	1.52	0.47	(1.04)
	HFRI EH: Sector - Healthcare Index	3.12	(1.06)	(1.04)	3.93	4.92	0.96
	HFRI EH: Sector - Technology Index	3.02	(0.11)	1.82	(2.82)	1.82	4.78
	HFRI EH: Sector - Technology/Healthcare (Total) Index	3.07	(0.66)	0.20	1.13	3.76	2.60

Event-Driven	HFRI Event-Driven (Total) Index	3.12	(0.01)	(1.68)	0.18	1.56	1.38
	HFRI Event-Driven (Total) Index - Asset Weighted	2.73	(0.45)	(1.31)	0.04	0.98	0.93
	HFRI ED: Activist Index	8.45	(0.64)	(1.48)	(0.92)	5.19	6.16
	HFRI ED: Credit Arbitrage Index	3.96	0.31	(1.44)	0.52	3.31	2.78
	HFRI ED: Distressed/Restructuring Index	2.26	0.04	(1.39)	(0.06)	0.83	0.88
	HFRI ED: Merger Arbitrage Index	0.39	(0.27)	(1.89)	(0.06)	(1.83)	(1.77)
	HFRI ED: Multi-Strategy Index	4.26	(0.61)	(2.11)	(0.28)	1.16	1.44
	HFRI ED: Special Situations Index	2.92	0.66	(1.71)	1.16	3.01	1.83

Macro	HFRI Macro (Total) Index	0.35	(0.09)	(2.69)	0.68	(1.78)	(2.44)
	HFRI Macro (Total) Index - Asset Weighted	(1.97)	2.12	(3.66)	1.07	(2.53)	(3.56)
	HFRI Macro: Active Trading Index	1.63	0.58	(1.93)	0.72	0.97	0.25
	HFRI Macro: Commodity Index	0.15	(1.57)	0.05	(0.68)	(2.05)	(1.38)
	HFRI Macro: Currency Index	(0.72)	2.34	(0.84)	(0.25)	0.51	0.76
	HFRI Macro: Discretionary Thematic Index	1.62	(0.94)	(0.77)	0.05	(0.06)	(0.11)
	HFRI Macro: Multi-Strategy Index	1.67	(0.74)	(2.62)	(0.11)	(1.82)	(1.72)
	HFRI Macro: Systematic Diversified Index	(0.69)	0.84	(4.45)	1.60	(2.78)	(4.31)

Relative Value	HFRI Relative Value (Total) Index	1.83	0.05	(0.53)	0.25	1.59	1.34
	HFRI Relative Value (Total) Index - Asset Weighted	1.25	0.39	(0.57)	0.01	1.08	1.07
	HFRI RV: Fixed Income-Asset Backed Index	1.46	0.12	(0.36)	0.78	2.00	1.21
	HFRI RV: Fixed Income-Convertible Arbitrage Index	1.80	(0.09)	(0.27)	0.27	1.70	1.43
	HFRI RV: Fixed Income-Corporate Index	2.53	(0.05)	(0.55)	0.39	2.31	1.92
	HFRI RV: Fixed Income-Sovereign Index	2.33	(0.75)	(0.54)	(1.15)	(0.15)	1.02
	HFRI RV: Multi-Strategy Index	2.11	0.64	(1.04)	(0.13)	1.55	1.69
	HFRI RV: Volatility Index	(0.32)	0.02	0.22	0.21	0.12	(0.09)
	HFRI RV: Yield Alternatives Index	3.87	(1.69)	(1.82)	1.42	1.69	0.26

Major Market Indices	Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
Bloomberg US Agg Gov/Credit TR Index	3.01	(2.59)	2.82	0.63	3.82	3.17
S&P 500 Index Total Return	6.28	(2.44)	3.67	1.56	9.17	7.50



HFRI® Indices – 2022 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
HFRI Fund Weighted Composite Index	(2.05)	(0.13)	1.23	(1.38)	(0.54)	(2.85)	1.27	0.45	(2.41)	1.39	1.21	(0.29)	(4.14)	(0.97)	(4.71)	(0.72)	2.32
HFRI Asset Weighted Composite Index	(0.46)	0.04	2.27	1.33	(0.74)	(0.32)	(0.88)	1.53	0.24	(0.47)	(1.93)	0.21	0.74	1.85	0.25	0.88	(2.19)

Single-Manager Strategy Indices	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
Equity Hedge																	
HFRI Equity Hedge (Total) Index	(3.96)	(0.71)	0.32	(3.40)	(0.56)	(3.96)	2.21	(0.22)	(4.24)	2.01	2.89	(0.66)	(10.13)	(4.34)	(7.75)	(2.34)	4.27
HFRI Equity Hedge (Total) Index - Asset Weighted	(3.51)	(1.10)	0.10	(2.86)	(1.10)	(2.13)	1.49	(0.26)	(3.52)	1.77	2.07	0.46	(8.47)	(4.48)	(5.98)	(2.34)	4.36
HFRI EH: Equity Market Neutral Index	(0.61)	(0.53)	0.66	0.87	(0.38)	(0.27)	(0.24)	0.84	0.09	(0.01)	0.24	0.56	1.21	(0.49)	0.21	0.70	0.79
HFRI EH: Fundamental Growth Index	(5.42)	(1.83)	(0.88)	(4.39)	(1.29)	(3.76)	1.39	(0.75)	(5.41)	0.61	3.90	(0.79)	(17.48)	(7.96)	(9.17)	(4.81)	3.70
HFRI EH: Fundamental Value Index	(2.76)	(0.05)	0.28	(3.19)	0.37	(5.71)	2.75	(0.09)	(5.33)	2.98	3.80	(0.73)	(7.93)	(2.54)	(8.38)	(2.82)	6.10
HFRI EH: Multi-Strategy Index	(5.96)	(1.60)	0.86	(4.45)	(0.60)	(4.91)	5.02	(1.12)	(3.78)	3.51	0.70	(1.50)	(13.54)	(6.67)	(9.70)	(0.08)	2.67
HFRI EH: Quantitative Directional Index	(2.44)	(1.34)	1.89	(2.76)	1.14	(3.90)	2.13	(2.08)	(3.70)	3.00	3.66	(2.24)	(6.81)	(1.93)	(5.48)	(3.69)	4.39
HFRI EH: Sector - Energy/Basic Materials Index	0.02	1.25	3.06	(2.09)	2.29	(4.83)	4.28	2.28	(3.59)	3.42	1.27	(1.62)	5.42	4.37	(4.68)	2.83	3.05
HFRI EH: Sector - Healthcare Index	(8.33)	(0.50)	1.56	(6.40)	(5.02)	1.69	1.48	0.38	(3.61)	2.65	1.96	1.23	(12.88)	(7.36)	(9.60)	(1.81)	5.95
HFRI EH: Sector - Technology Index	(6.92)	(1.05)	0.24	(4.65)	(1.29)	(3.73)	2.73	(1.01)	(1.57)	0.73	2.39	(1.95)	(15.31)	(7.67)	(9.40)	0.10	1.14
HFRI EH: Sector - Technology/Healthcare (Total) Index	(7.79)	(0.76)	0.98	(5.73)	(3.56)	(0.75)	2.01	(0.14)	(2.86)	1.85	2.09	0.09	(14.12)	(7.59)	(9.76)	(1.04)	4.07

Event-Driven																	
HFRI Event-Driven (Total) Index	(1.95)	(0.09)	0.71	(1.91)	(0.82)	(3.48)	2.00	0.93	(3.24)	2.44	1.02	(0.33)	(4.83)	(1.35)	(6.10)	(0.39)	3.14
HFRI Event-Driven (Total) Index - Asset Weighted	(2.41)	(0.41)	0.36	(2.18)	(1.33)	(4.13)	2.25	0.51	(3.55)	1.81	1.14	(0.31)	(8.16)	(2.46)	(7.47)	(0.87)	2.64
HFRI ED: Activist Index	(5.43)	0.73	0.13	(5.59)	(3.75)	(7.64)	5.58	0.18	(7.23)	6.73	3.22	(3.37)	(16.37)	(4.62)	(16.07)	(1.88)	6.46
HFRI ED: Credit Arbitrage Index	0.43	(1.19)	0.30	(0.29)	(2.15)	(2.23)	0.40	1.76	(2.64)	0.23	3.03	0.55	(1.93)	(0.46)	(4.61)	(0.53)	3.83
HFRI ED: Distressed/Restructuring Index	(1.01)	0.87	1.40	(1.02)	(0.37)	(3.51)	0.72	0.44	(2.52)	1.55	(0.20)	(0.58)	(4.27)	1.25	(4.85)	(1.39)	0.76
HFRI ED: Merger Arbitrage Index	(0.05)	0.51	0.85	(0.54)	(1.05)	(1.58)	2.28	0.94	(0.95)	2.09	(0.46)	0.85	2.84	1.31	(3.13)	2.25	2.49
HFRI ED: Multi-Strategy Index	(1.92)	(0.45)	0.44	(2.82)	(0.57)	(4.18)	1.81	1.66	(5.04)	1.29	1.07	(0.82)	(9.41)	(1.94)	(7.42)	(1.72)	1.53
HFRI ED: Special Situations Index	(2.70)	(1.09)	0.52	(2.29)	(0.13)	(3.44)	1.91	1.02	(3.30)	3.00	1.41	(0.05)	(5.25)	(3.25)	(5.77)	(0.44)	4.40

Macro																	
HFRI Macro (Total) Index	0.80	1.24	4.55	2.77	(0.19)	(0.84)	(0.80)	1.30	1.29	0.63	(2.11)	0.16	8.98	6.69	1.71	1.78	(1.34)
HFRI Macro (Total) Index - Asset Weighted	1.49	0.92	4.93	4.74	(0.41)	1.89	(3.09)	2.71	3.31	(2.05)	(5.52)	(0.09)	8.60	7.47	6.28	2.83	(7.54)
HFRI Macro: Active Trading Index	0.67	1.20	3.92	1.25	0.11	(2.21)	2.43	0.87	(1.74)	1.46	(3.04)	(1.06)	3.70	5.87	(0.87)	1.52	(2.66)
HFRI Macro: Commodity Index	1.97	2.71	5.57	1.86	0.92	(2.51)	1.38	0.46	(1.87)	2.32	0.05	1.63	15.22	10.57	0.22	(0.06)	4.04
HFRI Macro: Currency Index	1.28	(1.00)	1.12	3.32	0.53	0.98	0.55	3.13	1.60	0.72	(2.08)	(0.11)	10.39	1.39	4.90	5.36	(1.48)
HFRI Macro: Discretionary Thematic Index	(0.17)	(0.68)	1.54	(0.31)	0.52	(2.20)	0.81	0.44	(0.76)	0.38	1.59	0.87	1.99	0.68	(1.99)	0.49	2.86
HFRI Macro: Multi-Strategy Index	(0.44)	0.87	2.74	1.61	0.14	(3.10)	(0.54)	1.24	(0.38)	1.63	0.52	0.74	5.02	3.18	(1.40)	0.31	2.91
HFRI Macro: Systematic Diversified Index	1.28	1.93	6.43	4.79	(0.97)	1.13	(2.38)	1.83	3.76	(0.12)	(4.91)	(0.73)	12.13	9.88	4.94	3.14	(5.72)

Relative Value																	
HFRI Relative Value (Total) Index	0.09	0.01	0.58	(0.30)	(0.65)	(1.85)	0.85	0.85	(1.67)	0.18	1.11	0.17	(0.68)	0.68	(2.78)	0.00	1.47
HFRI Relative Value (Total) Index - Asset Weighted	0.72	(0.09)	0.48	0.75	(0.76)	(1.51)	0.25	1.46	(0.88)	(0.20)	0.46	0.75	1.40	1.11	(1.53)	0.82	1.01
HFRI RV: Fixed Income-Asset Backed Index	0.68	0.10	(0.08)	0.30	(0.28)	(0.79)	0.43	0.56	(1.30)	(0.42)	0.47	0.22	(0.14)	0.71	(0.78)	(0.33)	0.26
HFRI RV: Fixed Income-Convertible Arbitrage Index	(0.70)	(0.37)	0.44	(0.66)	(1.57)	(2.27)	1.37	1.65	(2.03)	0.77	1.14	1.33	(1.01)	(0.63)	(4.44)	0.95	3.27
HFRI RV: Fixed Income-Corporate Index	(0.48)	(0.49)	(0.25)	(0.50)	(1.73)	(2.86)	1.17	0.72	(2.25)	0.13	1.64	0.37	(4.53)	(1.21)	(5.02)	(0.40)	2.16
HFRI RV: Fixed Income-Sovereign Index	(1.61)	(1.13)	0.03	(1.83)	0.93	(4.39)	1.10	1.30	(1.93)	1.39	4.15	1.78	(0.50)	(2.70)	(5.27)	0.43	7.48
HFRI RV: Multi-Strategy Index	0.39	(0.10)	1.46	(0.36)	(0.68)	(1.73)	0.70	1.07	(1.76)	(0.05)	1.00	(0.62)	(0.73)	1.76	(2.74)	(0.01)	0.32
HFRI RV: Volatility Index	(0.07)	0.76	1.53	0.53	0.20	0.97	(0.11)	0.32	1.30	(0.52)	(0.31)	0.01	4.69	2.23	1.72	1.51	(0.82)
HFRI RV: Yield Alternatives Index	2.17	2.37	2.81	(1.09)	0.92	(4.55)	3.48	0.78	(4.42)	3.46	1.53	(1.62)	5.54	7.53	(4.73)	(0.32)	3.35

Major Market Indices	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
Barclays Capital Government/Credit Bond Index	(2.53)	(1.22)	(2.96)	(4.12)	0.50	(1.65)	2.26	(2.72)	(4.26)	(1.29)	3.73	(0.50)	(14.09)	(6.57)	(5.24)	(4.75)	1.88
S&P 500 Index Total Return	(5.18)	(2.99)	3.71	(8.72)	0.18	(8.25)	9.22	(4.08)	(9.21)	8.10	5.59	(5.76)	(17.70)	(4.60)	(16.10)	(4.88)	7.56



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HFRI® Indices – 2021 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
HFRI Fund Weighted Composite Index	1.22	3.67	0.77	2.21	1.34	0.54	(0.91)	0.76	(0.24)	1.32	(2.00)	1.15	10.16	5.74	4.14	(0.39)	0.44
HFRI Asset Weighted Composite Index	(0.07)	2.22	0.55	2.17	0.93	0.23	(0.46)	0.60	(0.10)	1.29	(1.86)	1.74	7.39	2.71	3.35	0.03	1.14

Single-Manager Strategy Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
Equity Hedge																	
HFRI Equity Hedge (Total) Index	1.36	4.70	0.63	2.63	1.28	0.85	(1.19)	1.10	(0.80)	1.72	(2.59)	1.59	11.67	6.80	4.84	(0.90)	0.65
HFRI Equity Hedge (Total) Index - Asset Weighted	(0.94)	3.91	(0.11)	3.07	0.60	0.89	(0.56)	0.78	(1.29)	2.40	(2.51)	1.89	8.23	2.82	4.61	(1.07)	1.72
HFRI EH: Equity Market Neutral Index	(0.66)	1.51	1.05	1.64	0.81	0.63	0.20	0.57	0.52	0.09	(0.66)	1.15	7.05	1.90	3.12	1.29	0.58
HFRI EH: Fundamental Growth Index	1.89	3.75	(0.22)	3.07	1.41	0.84	(1.37)	1.36	(0.90)	2.05	(2.22)	1.10	11.11	5.47	5.40	(0.92)	0.88
HFRI EH: Fundamental Value Index	1.48	6.47	1.95	2.81	2.00	0.50	(1.57)	1.05	(0.74)	1.51	(3.41)	1.98	14.61	10.16	5.39	(1.27)	(0.01)
HFRI EH: Multi-Strategy Index	3.97	3.85	0.23	3.01	1.15	0.76	(0.45)	(0.19)	(1.39)	2.48	(1.85)	1.60	13.76	8.22	4.98	(2.02)	2.19
HFRI EH: Quantitative Directional Index	(0.76)	0.95	2.77	2.80	1.09	0.65	1.23	1.38	(2.78)	4.71	1.24	2.35	16.61	2.97	4.60	(0.23)	8.51
HFRI EH: Sector - Energy/Basic Materials Index	3.74	6.30	1.91	2.76	2.51	0.49	(0.75)	1.20	1.94	4.43	(0.76)	(0.33)	25.82	12.38	5.86	2.38	3.30
HFRI EH: Sector - Healthcare Index	0.45	4.25	(3.14)	1.56	(1.09)	2.05	(2.96)	2.03	(2.19)	0.34	(5.48)	3.49	(1.18)	1.43	2.51	(3.17)	(1.85)
HFRI EH: Sector - Technology Index	0.17	5.10	(2.76)	1.60	(1.48)	2.87	(0.54)	1.32	(1.03)	2.14	(2.53)	0.04	4.72	2.38	2.97	(0.26)	(0.40)
HFRI EH: Sector - Technology/Healthcare (Total) Index	0.30	4.66	(2.96)	1.58	(1.28)	2.44	(1.76)	1.70	(1.63)	1.21	(4.27)	1.97	1.62	1.87	2.73	(1.71)	(1.20)

Event-Driven																	
HFRI Event-Driven (Total) Index	2.17	3.74	1.38	2.12	1.18	0.62	(1.27)	0.76	0.09	1.32	(1.45)	1.20	12.41	7.45	3.97	(0.42)	1.05
HFRI Event-Driven (Total) Index - Asset Weighted	1.47	3.09	1.60	2.41	1.11	0.56	(1.06)	0.85	(0.05)	1.16	(1.28)	1.32	11.68	6.28	4.13	(0.27)	1.19
HFRI ED: Activist Index	(1.32)	6.03	3.90	2.50	2.01	0.60	(1.25)	1.46	(1.73)	2.04	(1.59)	2.70	16.09	8.71	5.18	(1.55)	3.13
HFRI ED: Credit Arbitrage Index	2.76	1.88	0.13	1.83	0.04	0.50	0.20	1.02	0.12	0.01	(0.67)	0.46	8.54	4.83	2.38	1.35	(0.21)
HFRI ED: Distressed/Restructuring Index	3.85	3.59	1.19	1.59	2.29	1.30	(0.79)	0.29	0.67	1.22	(1.08)	0.61	15.61	8.85	5.27	0.16	0.73
HFRI ED: Merger Arbitrage Index	2.58	2.17	(0.33)	2.57	0.81	0.32	(1.29)	0.91	0.94	1.08	(0.29)	0.74	10.63	4.46	3.74	0.55	1.53
HFRI ED: Multi-Strategy Index	0.01	4.40	2.05	1.89	1.04	0.11	(2.09)	0.52	(0.76)	0.35	(2.26)	0.64	5.88	6.55	3.07	(2.33)	(1.28)
HFRI ED: Special Situations Index	2.68	4.38	1.85	2.31	0.66	0.50	(1.70)	0.72	0.26	2.13	(2.24)	1.74	13.93	9.16	3.51	(0.74)	1.58

Macro																	
HFRI Macro (Total) Index	0.10	3.05	0.98	2.43	2.09	(0.53)	(0.59)	0.07	0.29	1.16	(2.31)	0.84	7.72	4.17	4.00	(0.23)	(0.35)
HFRI Macro (Total) Index - Asset Weighted	(0.82)	1.14	0.96	2.17	1.22	(0.60)	(0.41)	0.45	0.64	1.13	(2.31)	2.52	6.15	1.28	2.79	0.67	1.28
HFRI Macro: Active Trading Index	0.87	2.81	1.57	0.95	0.82	(0.51)	(2.00)	0.76	0.50	1.72	(1.19)	0.75	7.19	5.34	1.26	(0.77)	1.27
HFRI Macro: Commodity Index	(0.01)	3.71	(0.24)	5.28	2.45	2.62	(0.14)	1.33	4.04	2.49	(0.39)	0.74	23.98	3.46	10.68	5.28	2.85
HFRI Macro: Currency Index	0.07	(0.28)	0.07	(0.68)	(0.01)	0.50	(0.62)	(0.05)	1.17	(1.80)	0.72	(0.60)	(1.53)	(0.13)	(0.20)	0.50	(1.69)
HFRI Macro: Discretionary Thematic Index	1.25	2.11	0.81	1.30	2.36	0.86	(3.26)	(0.13)	(1.37)	(0.60)	(1.39)	1.15	2.99	4.23	4.58	(4.71)	(0.85)
HFRI Macro: Multi-Strategy Index	0.36	3.24	1.88	1.74	2.78	(2.62)	(0.44)	0.39	0.56	(0.65)	(1.79)	2.54	8.09	5.56	1.83	0.50	0.05
HFRI Macro: Systematic Diversified Index	(0.54)	3.62	1.10	2.85	1.79	(1.23)	0.46	(0.34)	(0.23)	2.26	(3.53)	0.26	6.43	4.19	3.40	(0.12)	(1.09)

Relative Value																	
HFRI Relative Value (Total) Index	1.30	1.78	0.59	1.09	0.99	0.65	(0.25)	0.51	0.52	0.45	(0.55)	0.29	7.59	3.71	2.75	0.77	0.18
HFRI Relative Value (Total) Index - Asset Weighted	1.75	1.44	0.34	0.85	0.78	0.62	(0.08)	0.50	0.38	(0.05)	(0.15)	0.31	6.89	3.56	2.28	0.80	0.11
HFRI RV: Fixed Income-Asset Backed Index	1.49	1.03	0.69	0.84	0.84	0.53	0.37	0.52	0.40	0.56	(0.08)	0.30	7.73	3.24	2.23	1.29	0.78
HFRI RV: Fixed Income-Convertible Arbitrage Index	2.47	1.70	(0.52)	(0.12)	0.50	0.39	0.20	0.35	0.88	1.14	0.23	0.26	7.71	3.68	0.77	1.44	1.64
HFRI RV: Fixed Income-Corporate Index	1.55	2.00	0.49	1.08	0.83	0.63	(0.09)	0.62	(0.18)	(0.36)	(0.82)	0.35	6.24	4.09	2.56	0.35	(0.83)
HFRI RV: Fixed Income-Sovereign Index	0.27	0.25	(0.10)	0.57	0.52	0.41	(0.18)	0.65	(0.76)	0.27	(0.76)	0.55	1.70	0.42	1.51	(0.29)	0.06
HFRI RV: Multi-Strategy Index	0.94	2.33	0.69	1.53	1.03	0.31	(0.78)	0.76	0.72	(0.14)	(0.46)	(0.09)	7.03	4.01	2.90	0.69	(0.68)
HFRI RV: Volatility Index	(0.49)	0.93	0.68	0.33	0.78	(0.17)	(0.26)	(0.10)	(0.01)	1.40	(0.44)	0.13	2.81	1.11	0.95	(0.36)	1.08
HFRI RV: Yield Alternatives Index	3.49	5.07	2.16	3.92	3.39	3.86	(2.38)	0.06	4.77	3.65	(2.85)	1.40	29.53	11.09	11.60	2.33	2.11

Major Market Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
Barclays Capital Government/Credit Bond Index	(1.08)	(1.82)	(1.60)	0.92	0.53	1.05	1.37	(0.21)	(1.11)	0.05	0.48	(0.34)	(1.81)	(4.44)	2.52	0.04	0.19
S&P 500 w/ dividends	(1.11)	2.61	4.24	5.24	0.55	2.22	2.27	3.04	(4.65)	7.00	(0.69)	4.47	27.63	5.77	8.17	0.48	11.01



HFRI® Indices – 2020 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
HFRI Fund Weighted Composite Index	(0.45)	(2.28)	(9.08)	4.52	2.38	2.02	2.97	2.37	(0.93)	0.17	5.86	4.59	11.83	(11.55)	9.17	4.43	10.90
HFRI Asset Weighted Composite Index	(0.14)	(2.40)	(9.16)	2.89	1.49	0.84	1.94	1.36	(0.78)	(0.08)	3.50	3.38	2.19	(11.46)	5.31	2.52	6.91

Single-Manager Strategy Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
Equity Hedge																	
HFRI Equity Hedge (Total) Index	(1.00)	(3.17)	(10.89)	6.97	3.13	2.60	3.92	3.41	(1.23)	0.31	8.28	5.77	17.89	(14.58)	13.19	6.13	14.88
HFRI Equity Hedge (Total) Index - Asset Weighted	(0.75)	(3.35)	(10.25)	5.45	2.64	1.36	3.11	2.63	(1.42)	0.12	5.78	4.41	8.96	(13.91)	9.71	4.33	10.57
HFRI EH: Equity Market Neutral Index	0.03	(0.96)	(2.55)	1.05	0.53	(0.73)	1.55	0.17	(0.62)	(1.10)	1.08	1.52	(0.11)	(3.45)	0.84	1.08	1.49
HFRI EH: Fundamental Growth Index	(0.23)	(3.04)	(12.06)	7.49	3.53	3.74	4.62	3.64	(1.20)	0.89	8.22	6.06	21.84	(14.93)	15.46	7.12	15.80
HFRI EH: Fundamental Value Index	(2.11)	(4.51)	(13.73)	8.16	3.18	2.59	4.21	3.77	(2.01)	0.31	9.99	6.19	14.62	(19.36)	14.49	5.97	17.16
HFRI EH: Multi-Strategy Index	(0.68)	(3.54)	(10.83)	8.01	5.07	3.60	4.94	4.39	(0.71)	(0.64)	10.76	5.93	27.36	(14.58)	17.57	8.77	16.58
HFRI EH: Quantitative Directional Index	(0.30)	(4.12)	(6.54)	4.53	2.33	1.78	1.92	4.35	(1.15)	(1.89)	7.24	4.81	12.75	(10.66)	8.87	5.13	10.27
HFRI EH: Sector - Energy/Basic Materials Index	(0.50)	(1.15)	(13.46)	9.93	2.24	(0.01)	8.22	5.12	(1.24)	1.78	8.04	11.49	31.75	(14.89)	12.38	12.35	22.59
HFRI EH: Sector - Healthcare Index	(1.86)	(0.25)	(7.58)	8.95	4.38	1.54	0.79	2.76	1.89	1.33	7.14	6.01	26.89	(9.53)	15.47	5.53	15.10
HFRI EH: Sector - Technology Index	1.89	0.02	(6.14)	5.97	3.37	4.72	4.54	2.74	(1.01)	0.73	5.53	4.68	29.83	(4.35)	14.72	6.32	11.29
HFRI EH: Sector - Technology/Healthcare (Total) Index	0.04	(0.11)	(6.86)	7.47	3.89	3.09	2.62	2.74	0.45	1.04	6.36	5.36	28.47	(6.92)	15.10	5.91	13.23

Event-Driven																	
HFRI Event-Driven (Total) Index	(0.56)	(2.33)	(12.40)	4.21	2.57	3.14	1.50	2.44	0.28	0.02	7.04	4.34	9.26	(14.92)	10.24	4.27	11.71
HFRI Event-Driven (Total) Index - Asset Weighted	(0.07)	(3.24)	(15.05)	5.24	2.81	2.32	1.67	2.71	0.71	0.11	7.04	4.10	6.68	(17.87)	10.71	5.17	11.55
HFRI ED: Activist Index	(1.41)	(7.44)	(20.33)	9.55	6.13	3.47	3.62	5.51	(0.67)	(0.66)	11.20	5.12	10.31	(27.29)	20.30	8.59	16.13
HFRI ED: Credit Arbitrage Index	1.17	(1.45)	(16.08)	1.56	3.54	3.81	1.58	2.11	1.07	0.22	3.20	2.95	1.94	(16.33)	9.16	4.84	6.47
HFRI ED: Distressed/Restructuring Index	(0.79)	0.05	(11.05)	2.31	3.08	4.02	0.64	1.67	1.87	(0.34)	6.44	4.40	11.82	(11.70)	9.70	4.24	10.75
HFRI ED: Merger Arbitrage Index	(0.09)	(1.36)	(9.58)	4.84	(0.75)	1.32	0.80	0.84	0.87	1.14	4.53	3.31	5.20	(10.89)	5.42	2.53	9.23
HFRI ED: Multi-Strategy Index	(0.28)	(0.73)	(6.48)	2.97	0.85	5.21	1.50	1.31	(1.32)	0.74	8.74	3.94	16.87	(7.42)	9.26	1.48	13.86
HFRI ED: Special Situations Index	(1.06)	(4.47)	(14.20)	5.62	3.35	2.07	1.93	3.55	(0.62)	(0.43)	8.05	5.18	7.27	(18.90)	11.41	4.90	13.17

Macro																	
HFRI Macro (Total) Index	0.12	(1.25)	(0.50)	0.98	0.09	(0.12)	2.75	0.39	(1.92)	(0.45)	1.31	3.99	5.38	(1.62)	0.95	1.17	4.88
HFRI Macro (Total) Index - Asset Weighted	(0.22)	(2.75)	(5.14)	1.04	(0.19)	(0.96)	1.30	0.08	(1.55)	(0.54)	1.48	3.20	(4.40)	(7.94)	(0.12)	(0.19)	4.16
HFRI Macro: Active Trading Index	(0.08)	0.12	(0.64)	0.97	0.91	0.71	2.37	0.90	0.25	(0.22)	0.34	2.19	8.07	(0.59)	2.62	3.54	2.32
HFRI Macro: Commodity Index	0.23	(1.22)	0.43	2.31	0.20	(0.28)	2.09	1.03	(1.42)	0.67	(1.23)	1.43	4.24	(0.57)	2.24	1.68	0.85
HFRI Macro: Currency Index	1.08	1.53	2.41	(0.27)	(0.37)	(0.15)	(0.47)	(1.38)	(0.06)	(1.99)	(1.64)	0.35	(1.04)	5.10	(0.79)	(1.89)	(3.27)
HFRI Macro: Discretionary Thematic Index	(1.03)	(1.43)	0.16	1.91	1.99	1.77	3.17	1.81	(2.23)	(0.37)	2.80	4.82	13.94	(2.29)	5.78	2.69	7.35
HFRI Macro: Multi-Strategy Index	0.05	(1.99)	(5.23)	2.60	1.11	0.19	3.16	0.76	(1.50)	(0.72)	2.77	4.31	5.23	(7.07)	3.93	2.38	6.43
HFRI Macro: Systematic Diversified Index	0.57	(1.39)	0.35	(0.31)	(1.21)	(1.12)	3.11	(0.39)	(2.52)	(0.48)	1.31	4.88	2.61	(0.47)	(2.62)	0.12	5.75

Relative Value																	
HFRI Relative Value (Total) Index	0.45	(1.03)	(9.77)	2.16	2.36	1.71	1.67	1.31	(0.06)	0.35	2.74	2.10	3.38	(10.30)	6.35	2.94	5.28
HFRI Relative Value (Total) Index - Asset Weighted	0.65	(0.32)	(12.01)	2.24	2.54	2.69	1.71	1.37	0.57	0.34	2.39	1.97	3.24	(11.72)	7.66	3.69	4.77
HFRI RV: Fixed Income-Asset Backed Index	0.70	0.07	(13.47)	1.29	1.96	2.40	1.02	1.12	0.72	0.71	1.97	1.50	(1.12)	(12.81)	5.75	2.88	4.24
HFRI RV: Fixed Income-Convertible Arbitrage Index	0.69	0.96	(7.52)	2.47	0.69	2.22	3.56	2.28	0.67	0.87	2.88	2.85	12.84	(5.99)	5.46	6.63	6.73
HFRI RV: Fixed Income-Corporate Index	0.79	(0.92)	(11.01)	3.30	3.41	2.51	2.19	1.28	0.23	0.26	3.41	2.88	7.68	(11.13)	9.51	3.73	6.67
HFRI RV: Fixed Income-Sovereign Index	(0.49)	(0.71)	(11.10)	1.28	3.57	2.77	1.71	1.44	(1.52)	(0.04)	2.75	1.88	0.70	(12.16)	7.80	1.62	4.65
HFRI RV: Multi-Strategy Index	0.55	(0.31)	(6.36)	1.96	2.06	1.62	1.36	1.30	0.53	0.13	2.53	1.43	6.69	(6.13)	5.74	3.23	4.13
HFRI RV: Volatility Index	0.27	(4.44)	(1.74)	0.33	1.35	(0.80)	1.71	1.13	(2.14)	0.02	(0.50)	2.25	(2.71)	(5.84)	0.87	0.66	1.76
HFRI RV: Yield Alternatives Index	(1.42)	(5.01)	(15.29)	6.19	3.48	(1.63)	0.74	1.27	(3.44)	0.35	12.01	3.61	(1.62)	(20.68)	8.10	(1.49)	16.47

Major Market Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
Barclays Capital Government/Credit Bond Index	2.48	2.17	(1.15)	2.31	0.60	0.91	2.08	(1.20)	(0.05)	(0.62)	1.39	0.09	9.29	3.50	3.86	0.81	0.85
S&P 500 w/ dividends	(0.04)	(8.21)	(12.35)	12.81	4.75	1.99	5.64	7.18	(3.80)	(2.65)	10.94	3.71	18.25	(19.58)	20.52	8.92	12.01



HFRI® Indices – 2019 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
HFRI Fund Weighted Composite Index	3.50	1.31	0.59	1.33	(1.89)	2.29	0.44	(0.78)	(0.20)	0.59	1.05	1.89	10.45	5.46	1.68	(0.55)	3.57
HFRI Asset Weighted Composite Index	1.45	0.69	0.85	1.28	(1.09)	1.60	1.10	(1.05)	0.26	0.12	0.88	1.30	7.58	3.01	1.77	0.29	2.32

Single-Manager Strategy Indices	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
Equity Hedge																	
HFRI Equity Hedge (Total) Index	5.14	1.88	0.42	1.67	(3.07)	3.03	0.21	(1.74)	0.04	1.40	1.67	2.50	13.71	7.57	1.54	(1.49)	5.68
HFRI Equity Hedge (Total) Index - Asset Weighted	4.10	1.38	0.97	1.42	(2.04)	2.62	0.48	(1.40)	0.08	1.19	1.34	2.15	12.84	6.55	1.95	(0.84)	4.75
HFRI EH: Equity Market Neutral Index	1.41	(0.12)	0.09	(0.20)	(0.40)	0.65	0.44	0.30	(0.26)	(0.20)	0.14	0.46	2.33	1.38	0.06	0.48	0.39
HFRI EH: Fundamental Growth Index	5.00	2.21	1.16	1.37	(3.11)	3.16	(0.18)	(2.06)	(0.22)	1.86	1.10	2.46	13.22	8.56	1.32	(2.44)	5.51
HFRI EH: Fundamental Value Index	6.87	1.96	(0.26)	2.59	(3.92)	3.58	0.44	(2.42)	0.87	1.31	1.84	2.78	16.33	8.67	2.10	(1.14)	6.06
HFRI EH: Multi-Strategy Index	3.89	1.82	0.22	2.66	(3.52)	2.86	0.08	(0.53)	(0.62)	0.97	2.23	2.11	12.64	6.03	1.88	(1.07)	5.40
HFRI EH: Quantitative Directional Index	3.00	1.31	0.80	1.13	(3.01)	3.23	0.21	(1.30)	0.53	1.51	1.46	1.93	11.18	5.19	1.26	(0.56)	4.97
HFRI EH: Sector - Energy/Basic Materials Index	5.16	0.43	0.80	1.17	(1.87)	2.14	(0.79)	(0.37)	0.63	(0.07)	0.24	2.26	10.01	6.46	1.41	(0.53)	2.44
HFRI EH: Sector - Healthcare Index	6.26	4.24	1.91	(2.28)	(1.06)	3.09	(1.26)	(2.20)	(3.36)	3.95	5.69	6.20	22.50	12.88	(0.32)	(6.69)	16.67
HFRI EH: Sector - Technology Index	3.82	2.59	0.64	2.40	(2.54)	2.64	1.98	(0.45)	(1.15)	1.27	2.30	1.40	15.73	7.19	2.43	0.34	5.05
HFRI EH: Sector - Technology/Healthcare (Total) Index	4.93	3.35	1.22	0.29	(1.89)	2.84	0.48	(1.25)	(2.14)	2.52	3.90	3.70	19.13	9.76	1.19	(2.90)	10.46

Event-Driven																	
HFRI Event-Driven (Total) Index	3.15	1.06	(0.09)	1.20	(1.30)	1.39	0.23	(1.31)	0.19	0.37	0.70	1.75	7.49	4.15	1.26	(0.90)	2.84
HFRI Event-Driven (Total) Index - Asset Weighted	3.13	1.06	0.03	1.57	(1.26)	1.42	(0.21)	(1.30)	0.33	0.38	0.31	1.69	7.30	4.25	1.71	(1.18)	2.39
HFRI ED: Activist Index	5.76	3.15	(0.19)	1.29	(3.42)	3.52	0.68	(2.51)	1.50	2.42	0.53	3.68	17.26	8.89	1.26	(0.38)	6.75
HFRI ED: Credit Arbitrage Index	2.98	1.28	0.80	1.37	(0.48)	1.40	0.86	0.34	0.15	0.49	0.95	1.97	12.76	5.14	2.30	1.36	3.44
HFRI ED: Distressed/Restructuring Index	2.99	0.67	(0.46)	1.22	(0.40)	0.73	(0.32)	(1.37)	(0.02)	(0.45)	(0.80)	1.18	2.94	3.21	1.56	(1.71)	(0.08)
HFRI ED: Merger Arbitrage Index	1.47	0.73	0.32	0.89	(0.72)	0.47	0.62	0.04	0.42	0.46	0.92	1.01	6.81	2.53	0.63	1.09	2.41
HFRI ED: Multi-Strategy Index	1.26	0.32	0.08	(0.25)	(1.02)	0.57	(0.41)	(1.59)	(0.04)	0.24	1.16	1.09	1.39	1.67	(0.71)	(2.03)	2.52
HFRI ED: Special Situations Index	4.37	1.31	(0.33)	1.85	(2.27)	2.25	0.49	(2.06)	(0.01)	0.48	1.60	2.28	10.22	5.38	1.78	(1.59)	4.42

Macro																	
HFRI Macro (Total) Index	0.43	0.37	1.46	1.06	(0.87)	2.38	1.29	2.30	(1.84)	(1.11)	0.31	0.61	6.50	2.28	2.56	1.72	(0.19)
HFRI Macro (Total) Index - Asset Weighted	(1.06)	0.00	1.37	1.40	(1.16)	1.57	2.57	(0.77)	0.37	(0.85)	1.09	0.42	4.99	0.29	1.80	2.16	0.66
HFRI Macro: Active Trading Index	2.18	0.09	1.22	0.47	(1.56)	2.59	0.00	1.72	0.12	0.72	0.36	(0.19)	7.93	3.52	1.46	1.85	0.88
HFRI Macro: Commodity Index	1.11	1.85	(0.13)	(0.36)	(0.66)	1.37	0.50	2.18	(1.56)	(0.33)	0.13	1.94	6.14	2.86	0.34	1.09	1.73
HFRI Macro: Currency Index	(0.01)	(0.62)	0.24	0.17	1.03	0.37	1.17	0.32	0.58	(1.49)	0.38	(1.16)	0.95	(0.38)	1.59	2.08	(2.27)
HFRI Macro: Discretionary Thematic Index	1.77	0.12	0.17	0.94	(1.14)	1.95	(0.10)	(0.06)	0.03	0.46	(0.40)	1.59	5.42	2.07	1.74	(0.13)	1.65
HFRI Macro: Multi-Strategy Index	2.11	(0.15)	1.23	0.88	0.13	2.35	0.88	1.88	(1.52)	(0.81)	0.00	0.91	8.10	3.21	3.38	1.21	0.10
HFRI Macro: Systematic Diversified Index	(1.04)	0.34	2.79	1.81	(1.39)	3.14	2.41	3.69	(3.19)	(2.18)	0.75	0.02	7.08	2.07	3.55	2.79	(1.43)

Relative Value																	
HFRI Relative Value (Total) Index	2.37	0.81	0.61	0.77	(0.18)	0.92	0.38	(0.75)	0.42	0.13	0.28	1.43	7.42	3.84	1.52	0.05	1.85
HFRI Relative Value (Total) Index - Asset Weighted	1.44	0.73	0.31	0.78	0.16	0.58	0.27	(0.88)	0.32	0.10	0.16	1.31	5.40	2.50	1.53	(0.30)	1.58
HFRI RV: Fixed Income-Asset Backed Index	0.71	0.61	0.36	0.75	0.41	0.33	0.58	0.20	0.49	0.35	0.46	0.77	6.19	1.69	1.50	1.28	1.59
HFRI RV: Fixed Income-Convertible Arbitrage Index	2.53	1.56	0.92	0.94	(0.32)	0.98	0.55	0.31	0.13	0.41	0.51	1.40	10.35	5.09	1.61	0.98	2.33
HFRI RV: Fixed Income-Corporate Index	2.69	1.24	0.77	1.26	(0.08)	1.15	0.41	(0.62)	0.17	0.10	(0.02)	1.77	9.16	4.77	2.34	(0.05)	1.85
HFRI RV: Fixed Income-Sovereign Index	3.04	1.05	0.17	0.27	0.33	2.50	1.23	(4.06)	0.98	1.16	0.40	1.92	9.17	4.29	3.12	(1.93)	3.51
HFRI RV: Multi-Strategy Index	1.76	0.61	0.42	0.85	(0.49)	0.60	0.17	(0.88)	0.47	(0.04)	0.42	1.30	5.29	2.81	0.96	(0.24)	1.69
HFRI RV: Volatility Index	2.76	0.08	(0.27)	0.05	(0.46)	0.87	0.07	(0.59)	0.00	0.33	0.70	0.69	4.26	2.56	0.46	(0.52)	1.72
HFRI RV: Yield Alternatives Index	7.26	0.83	2.47	0.26	(1.31)	1.53	(0.33)	(1.55)	1.23	(1.64)	(0.48)	3.26	11.80	10.83	0.46	(0.67)	1.08

Major Market Indices	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
Barclays Capital Government/Credit Bond Index	1.23	(0.06)	2.22	0.05	2.05	1.54	0.16	3.40	(0.79)	0.29	(0.09)	(0.21)	10.14	3.41	3.68	2.75	(0.01)
S&P 500 w/ dividends	8.01	3.22	1.93	4.05	(6.35)	7.04	1.44	(1.59)	1.87	2.16	3.63	3.01	31.45	13.64	4.31	1.70	9.05



HFRI® Indices – 2018 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
HFRI Fund Weighted Composite Index	2.31	(1.80)	(0.51)	0.38	0.88	(0.40)	0.45	0.33	(0.26)	(3.20)	(0.37)	(2.54)	(4.75)	(0.04)	0.86	0.52	(6.01)
HFRI Asset Weighted Composite Index	2.38	(1.46)	(0.40)	0.18	0.50	0.18	0.06	0.21	0.13	(1.25)	(0.59)	(0.55)	(0.68)	0.48	0.86	0.39	(2.38)

Single-Manager Strategy Indices		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
Equity Hedge	HFRI Equity Hedge (Total) Index	2.84	(1.84)	(0.63)	0.33	1.34	(0.81)	0.51	0.42	(0.61)	(4.67)	(0.19)	(3.83)	(7.14)	0.31	0.85	0.32	(8.50)
	HFRI Equity Hedge (Total) Index - Asset Weighted	3.67	(1.69)	(0.80)	(0.09)	1.87	(0.83)	(0.01)	0.58	(0.70)	(4.16)	(0.46)	(3.21)	(5.91)	1.10	0.93	(0.14)	(7.67)
	HFRI EH: Equity Market Neutral Index	1.32	(0.87)	0.34	(0.14)	0.76	(0.54)	0.07	0.23	(0.27)	(0.94)	(1.33)	0.40	(0.98)	0.79	0.07	0.03	(1.86)
	HFRI EH: Fundamental Growth Index	3.53	(2.02)	(0.84)	(0.17)	0.64	(1.77)	(0.03)	(0.38)	(1.25)	(5.10)	0.63	(3.32)	(9.87)	0.58	(1.30)	(1.66)	(7.68)
	HFRI EH: Fundamental Value Index	2.56	(2.21)	(0.87)	0.59	1.50	(0.60)	1.09	0.42	(0.49)	(5.41)	(0.42)	(5.35)	(9.13)	(0.58)	1.48	1.02	(10.85)
	HFRI EH: Multi-Strategy Index	2.26	(1.11)	(0.24)	(0.09)	1.43	(0.50)	(0.15)	1.19	(0.52)	(5.50)	(0.47)	(3.52)	(7.22)	0.89	0.83	0.51	(9.25)
	HFRI EH: Quantitative Directional Index	2.83	(2.59)	(0.94)	0.41	0.01	(0.83)	1.30	0.24	0.05	(3.21)	0.75	(3.66)	(5.68)	(0.77)	(0.41)	1.59	(6.05)
	HFRI EH: Sector - Energy/Basic Materials Index	2.24	(3.87)	0.04	3.70	3.08	(0.27)	0.20	(1.28)	(0.31)	(6.81)	(4.31)	(3.68)	(11.23)	(1.68)	6.61	(1.39)	(14.11)
	HFRI EH: Sector - Healthcare Index	4.26	(1.17)	(0.17)	0.86	4.57	0.89	0.52	3.69	0.57	(4.33)	(1.51)	(5.80)	1.85	2.87	6.41	4.83	(11.24)
	HFRI EH: Sector - Technology Index	4.23	0.38	(0.53)	0.66	3.58	0.38	0.19	2.54	(0.75)	(3.97)	1.64	(2.61)	5.59	4.08	4.67	1.97	(4.94)
	HFRI EH: Sector - Technology/Healthcare (Total) Index	4.24	(0.33)	(0.37)	0.75	4.02	0.61	0.34	3.06	(0.15)	(4.13)	0.20	(4.04)	3.88	3.52	5.44	3.25	(7.83)
Event-Driven	HFRI Event-Driven (Total) Index	1.28	(0.65)	(0.50)	0.30	1.04	0.53	0.41	0.00	0.39	(1.87)	(0.70)	(2.32)	(2.13)	0.11	1.88	0.81	(4.82)
	HFRI Event-Driven (Total) Index - Asset Weighted	1.59	(0.47)	(0.37)	0.29	0.80	0.99	0.62	0.35	0.28	(1.46)	(0.37)	(2.56)	(0.39)	0.73	2.10	1.25	(4.34)
	HFRI ED: Activist Index	(0.27)	(2.79)	0.77	0.13	1.64	2.17	0.20	1.16	(2.03)	(4.26)	(0.63)	(6.67)	(10.42)	(2.31)	3.98	(0.69)	(11.21)
	HFRI ED: Credit Arbitrage Index	1.17	0.58	0.15	0.40	0.13	0.24	0.69	0.21	0.70	(0.10)	(0.75)	(1.58)	1.82	1.91	0.77	1.60	(2.42)
	HFRI ED: Distressed/Restructuring Index	1.23	(0.50)	(0.46)	0.67	0.70	1.21	1.08	(0.82)	1.06	(1.70)	(1.66)	(2.44)	(1.70)	0.26	2.61	1.31	(5.69)
	HFRI ED: Merger Arbitrage Index	1.05	0.17	(1.05)	(0.12)	1.38	1.26	(0.34)	0.54	0.34	(0.89)	1.33	(0.41)	3.29	0.16	2.54	0.55	0.02
	HFRI ED: Multi-Strategy Index	0.96	(0.86)	(1.27)	0.16	0.09	(0.24)	0.41	0.69	0.73	(1.09)	(1.50)	(1.70)	(3.60)	(1.17)	0.01	1.84	(4.22)
	HFRI ED: Special Situations Index	1.85	(1.02)	(0.31)	0.34	1.73	(0.35)	0.28	(0.24)	0.14	(2.95)	(0.75)	(2.94)	(4.27)	0.50	1.71	0.17	(6.50)
Macro	HFRI Macro (Total) Index	2.75	(3.70)	(0.55)	0.24	(0.23)	(0.20)	(0.19)	0.47	(0.33)	(1.94)	(0.53)	0.17	(4.08)	(1.60)	(0.19)	(0.05)	(2.29)
	HFRI Macro (Total) Index - Asset Weighted	2.32	(2.14)	(0.33)	0.18	(0.25)	0.62	(0.45)	(0.01)	0.34	0.22	(0.55)	1.71	1.60	(0.20)	0.55	(0.12)	1.37
	HFRI Macro: Active Trading Index	2.11	(0.81)	0.31	1.48	(0.82)	(0.08)	1.42	0.11	0.63	(3.06)	(0.29)	(2.37)	(1.51)	1.59	0.56	2.17	(5.64)
	HFRI Macro: Commodity Index	2.32	(3.65)	0.60	0.66	0.42	(1.16)	(0.18)	(0.35)	0.57	(1.42)	0.15	(0.07)	(2.20)	(0.82)	(0.09)	0.03	(1.34)
	HFRI Macro: Currency Index	(1.22)	1.37	(1.04)	0.04	0.89	(0.25)	(0.10)	(1.75)	0.33	1.22	(0.31)	0.87	(0.00)	(0.91)	0.68	(1.52)	1.79
	HFRI Macro: Discretionary Thematic Index	1.76	(1.20)	(1.25)	0.42	0.95	0.28	(0.00)	(0.53)	(0.31)	0.58	(0.93)	(0.65)	(0.92)	(0.71)	1.65	(0.84)	(1.00)
	HFRI Macro: Multi-Strategy Index	3.20	(2.54)	(0.79)	0.17	(0.28)	(0.56)	0.30	(0.37)	(0.11)	(1.31)	(0.55)	(1.41)	(4.26)	(0.22)	(0.66)	(0.18)	(3.24)
	HFRI Macro: Systematic Diversified Index	3.86	(6.36)	(0.45)	0.03	(1.02)	0.07	(0.60)	1.91	(0.83)	(3.81)	(0.60)	1.35	(6.62)	(3.19)	(0.92)	0.46	(3.10)
Relative Value	HFRI Relative Value (Total) Index	1.15	(0.55)	(0.19)	0.68	0.62	(0.05)	0.90	0.19	0.30	(1.26)	(0.48)	(1.71)	(0.43)	0.41	1.25	1.40	(3.41)
	HFRI Relative Value (Total) Index - Asset Weighted	1.05	0.17	(0.03)	0.48	0.28	0.09	1.02	0.15	0.62	(0.83)	(0.94)	(1.28)	0.76	1.19	0.86	1.81	(3.02)
	HFRI RV: Fixed Income-Asset Backed Index	1.13	0.68	0.43	0.59	0.15	0.33	0.44	0.34	0.49	0.39	(0.34)	(0.87)	3.82	2.27	1.08	1.27	(0.82)
	HFRI RV: Fixed Income-Convertible Arbitrage Index	0.92	0.24	(0.38)	0.29	(0.21)	(0.03)	0.20	0.47	0.21	(1.89)	(0.93)	(1.98)	(3.08)	0.78	0.05	0.89	(4.72)
	HFRI RV: Fixed Income-Corporate Index	0.98	(0.04)	(0.13)	0.50	(0.09)	(0.18)	0.94	(0.21)	0.49	(1.31)	(0.88)	(1.07)	(1.04)	0.81	0.22	1.22	(3.23)
	HFRI RV: Fixed Income-Sovereign Index	1.23	0.83	0.73	0.20	(0.59)	0.28	0.84	(0.21)	0.82	(0.48)	(0.23)	(0.78)	2.65	2.82	(0.11)	1.45	(1.48)
	HFRI RV: Multi-Strategy Index	1.16	(0.41)	(0.26)	0.42	0.27	0.18	0.41	(0.06)	0.32	(1.02)	(0.04)	(1.15)	(0.23)	0.47	0.87	0.67	(2.21)
	HFRI RV: Volatility Index	0.36	(2.50)	(0.26)	0.35	1.11	(0.69)	1.38	0.57	0.24	(2.58)	0.86	(4.61)	(5.79)	(2.40)	0.77	2.20	(6.27)
	HFRI RV: Yield Alternatives Index	2.72	(4.46)	(2.34)	3.17	5.30	(0.83)	3.05	1.06	(0.85)	(4.08)	(2.30)	(4.23)	(4.33)	(4.17)	7.74	3.25	(10.26)

Major Market Indices	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
Barclays Capital Government/Credit Bond Index	(1.20)	(1.13)	0.68	(0.89)	0.75	(0.20)	0.08	0.68	(0.70)	(0.91)	0.50	1.95	(0.44)	(1.65)	(0.34)	0.06	1.52
S&P 500 w/ dividends	5.72	(3.69)	(2.54)	0.38	2.41	0.62	3.72	3.25	0.57	(6.83)	2.04	(9.03)	(4.39)	(0.76)	3.44	7.70	(13.52)



HFRI® Indices – 2017 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
HFRI Fund Weighted Composite Index		1.20	0.90	0.39	0.53	0.19	0.30	1.07	0.49	0.65	1.03	0.46	1.06	8.59	2.51	1.03	2.22	2.57
HFRI Asset Weighted Composite Index		0.65	1.04	0.30	0.50	0.36	(0.21)	0.90	0.70	0.12	1.57	0.06	0.49	6.66	2.00	0.65	1.73	2.13
Single-Manager Strategy Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
Equity Hedge	HFRI Equity Hedge (Total) Index	1.86	1.09	0.87	0.74	0.34	0.85	1.47	0.61	1.40	1.05	0.97	1.30	13.29	3.87	1.94	3.51	3.35
	HFRI Equity Hedge (Total) Index - Asset Weighted	1.68	0.95	0.69	0.70	0.46	0.73	1.57	1.16	1.04	1.59	0.31	0.36	11.81	3.34	1.91	3.81	2.27
	HFRI EH: Equity Market Neutral Index	0.28	0.45	0.49	0.38	(0.81)	(0.03)	0.66	0.89	0.47	1.07	0.38	0.55	4.88	1.23	(0.46)	2.03	2.01
	HFRI EH: Fundamental Growth Index	2.84	1.47	1.45	1.14	0.89	1.01	2.24	1.15	0.98	1.53	1.13	1.60	18.86	5.86	3.07	4.42	4.32
	HFRI EH: Fundamental Value Index	1.63	1.17	0.53	0.78	0.37	1.19	1.39	(0.03)	1.92	0.91	1.19	1.63	13.40	3.35	2.36	3.31	3.77
	HFRI EH: Multi-Strategy Index	1.48	0.63	0.59	0.85	0.44	0.65	1.10	0.68	0.59	0.71	0.49	0.88	9.47	2.72	1.95	2.38	2.10
	HFRI EH: Quantitative Directional Index	1.10	1.47	0.76	0.72	0.87	(0.11)	0.69	1.08	0.85	1.78	1.04	0.23	11.00	3.36	1.49	2.65	3.08
	HFRI EH: Sector - Energy/Basic Materials Index	1.80	(2.55)	0.79	(2.13)	(3.14)	(1.72)	1.38	(1.95)	3.75	(0.99)	0.96	2.65	(1.42)	(0.02)	(6.83)	3.13	2.61
	HFRI EH: Sector - Healthcare Index	2.63	3.47	1.00	0.30	(1.70)	4.30	0.57	2.18	2.79	(1.13)	1.60	1.57	18.88	7.25	2.84	5.63	2.03
	HFRI EH: Sector - Technology Index	2.25	0.72	1.72	1.32	2.37	(0.54)	1.72	1.62	1.18	2.14	(0.17)	(0.41)	14.79	4.76	3.17	4.58	1.55
Event-Driven	HFRI EH: Sector - Technology/Healthcare (Total) Index	2.43	2.04	1.38	0.82	0.41	1.76	1.18	1.90	1.96	0.62	0.65	0.50	16.79	5.96	3.02	5.12	1.78
	HFRI EH: Short Bias Index	(1.06)	(2.53)	(1.16)	(0.56)	0.03	(0.63)	(0.57)	0.89	(3.12)	(0.78)	(1.21)	0.55	(9.75)	(4.68)	(1.16)	(2.81)	(1.44)
	HFRI Event-Driven (Total) Index	1.49	0.78	0.15	0.88	0.14	0.51	0.83	(0.04)	0.71	0.42	0.14	1.34	7.59	2.43	1.53	1.50	1.91
	HFRI Event-Driven (Total) Index - Asset Weighted	1.78	1.22	(0.06)	1.39	0.71	0.14	1.27	(0.39)	0.60	1.04	(0.43)	1.21	8.80	2.97	2.25	1.48	1.83
	HFRI ED: Activist Index	0.22	1.38	0.01	1.85	(0.60)	1.53	0.49	(1.33)	2.01	(0.52)	(0.52)	0.86	5.45	1.61	2.79	1.15	(0.18)
	HFRI ED: Credit Arbitrage Index	1.69	0.79	0.23	0.62	(0.03)	0.55	0.78	(0.08)	0.67	0.33	0.33	0.48	6.54	2.73	1.14	1.37	1.14
	HFRI ED: Distressed/Restructuring Index	1.93	0.52	0.13	0.77	(0.42)	0.15	0.79	0.08	0.58	0.18	0.07	1.35	6.25	2.58	0.49	1.45	1.60
	HFRI ED: Merger Arbitrage Index	(0.18)	0.76	0.29	1.14	0.24	1.12	0.30	(0.03)	0.61	0.27	(0.82)	0.54	4.31	0.87	2.52	0.88	(0.01)
	HFRI ED: Multi-Strategy Index	1.12	1.11	0.66	0.74	0.41	(0.03)	0.59	(0.78)	(1.84)	0.29	0.61	1.47	4.39	2.91	1.12	(2.03)	2.39
	HFRI ED: Special Situations Index	2.13	0.69	(0.09)	0.81	0.66	0.53	1.29	0.42	1.51	0.88	0.46	1.89	11.75	2.74	2.02	3.25	3.26
Macro	HFRI Macro (Total) Index	(0.45)	0.80	(0.44)	0.14	0.09	(0.88)	0.64	0.79	(0.87)	1.97	(0.19)	0.62	2.20	(0.10)	(0.65)	0.56	2.41
	HFRI Macro (Total) Index - Asset Weighted	(0.72)	1.31	0.23	0.20	0.27	(1.05)	0.55	1.00	(0.56)	2.22	0.09	0.30	3.85	0.81	(0.59)	0.98	2.62
	HFRI Macro: Active Trading Index	(1.20)	(0.52)	(0.05)	(0.09)	0.21	(0.60)	0.77	0.66	0.55	0.96	(1.32)	0.09	(0.56)	(1.76)	(0.48)	1.99	(0.28)
	HFRI Macro: Commodity Index	0.44	0.11	(0.51)	(0.23)	(1.57)	0.14	0.23	0.67	(0.51)	0.65	0.23	0.76	0.38	0.04	(1.66)	0.39	1.65
	HFRI Macro: Currency Index	(0.76)	1.54	2.04	1.51	2.07	(0.35)	(0.29)	0.08	(0.47)	0.32	(0.74)	(0.29)	4.70	2.82	3.25	(0.68)	(0.70)
	HFRI Macro: Discretionary Thematic Index	0.05	0.36	0.29	0.12	(0.21)	0.20	(0.15)	0.34	0.34	(0.12)	(0.89)	(0.02)	0.29	0.70	0.11	0.52	(1.03)
	HFRI Macro: Multi-Strategy Index	0.58	0.46	0.07	0.11	0.09	(0.64)	1.18	0.76	0.03	1.37	0.28	0.83	5.22	1.11	(0.44)	1.98	2.50
Relative Value	HFRI Macro: Systematic Diversified Index	(1.22)	1.39	(1.35)	0.11	0.45	(1.82)	0.95	1.10	(1.90)	3.62	(0.03)	0.93	2.12	(1.21)	(1.26)	0.12	4.56
	HFRI Relative Value (Total) Index	1.28	0.62	0.30	0.28	(0.01)	0.19	0.71	0.16	0.43	0.17	0.07	0.82	5.14	2.22	0.47	1.30	1.07
	HFRI Relative Value (Total) Index - Asset Weighted	1.14	0.53	0.26	0.29	0.19	0.23	0.66	0.33	0.21	0.41	0.02	0.55	4.92	1.94	0.72	1.21	0.98
	HFRI RV: Fixed Income-Asset Backed Index	1.27	0.78	0.63	0.43	0.82	0.57	0.63	0.52	0.57	0.58	0.28	0.37	7.70	2.71	1.83	1.73	1.23
	HFRI RV: Fixed Income-Convertible Arbitrage Index	1.09	0.70	(0.06)	0.37	0.40	0.67	0.73	(0.00)	0.65	0.75	0.15	0.35	5.95	1.73	1.44	1.38	1.27
	HFRI RV: Fixed Income-Corporate Index	1.27	0.92	(0.06)	0.59	0.04	0.02	0.89	0.35	0.78	0.62	0.13	0.93	6.67	2.14	0.66	2.03	1.69
	HFRI RV: Fixed Income-Sovereign Index	1.45	0.79	0.68	0.34	0.11	0.21	0.50	0.47	(0.43)	(0.72)	(0.22)	0.72	3.96	2.95	0.66	0.54	(0.22)
	HFRI RV: Multi-Strategy Index	0.89	0.65	0.30	0.32	0.01	0.16	0.63	0.28	(0.29)	0.50	(0.16)	0.74	4.09	1.85	0.49	0.61	1.09
	HFRI RV: Volatility Index	0.76	(0.25)	0.89	0.49	0.22	0.43	0.39	0.61	0.71	(0.21)	0.51	0.32	4.97	1.40	1.14	1.72	0.62
	HFRI RV: Yield Alternatives Index	3.31	0.60	(0.60)	(1.20)	(2.86)	(0.99)	1.43	(2.29)	1.26	(1.56)	(0.43)	3.15	(0.39)	3.32	(4.98)	0.36	1.11
Major Market Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
Barclays Capital Government/Credit Bond Index		0.29	0.80	(0.09)	0.86	0.87	0.03	0.44	1.01	(0.59)	0.09	(0.12)	0.54	4.18	1.00	1.77	0.85	0.51
S&P 500 w/ dividends		1.90	3.97	0.12	1.03	1.41	0.62	2.05	0.30	2.06	2.33	3.06	1.10	21.80	6.06	3.09	4.48	6.63

HFR[®] Indices – 2016 Monthly Performance

Composite & Single-Manager Strategy Indices

HFR [®] Composite Indices	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
HFR [®] Fund Weighted Composite Index	(2.60)	(0.03)	2.08	1.03	0.37	0.41	1.88	0.43	0.65	(0.59)	0.77	1.01	5.44
HFR [®] Asset Weighted Composite Index	(1.84)	(0.91)	0.61	0.45	0.52	(0.24)	1.40	0.58	0.17	0.30	0.65	1.16	2.83

Single-Manager Strategy Indices	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
Equity Hedge													
HFR [®] Equity Hedge (Total) Index	(4.58)	(0.45)	3.42	1.13	0.63	(0.38)	2.66	0.87	1.00	(0.80)	1.23	0.83	5.47
HFR [®] Equity Hedge (Total) Index - Asset Weighted	(4.59)	(1.10)	2.47	0.58	1.03	(1.09)	2.39	0.84	0.89	(0.61)	0.91	0.64	2.18
HFR [®] EH: Equity Market Neutral Index	0.04	(0.65)	1.13	(0.88)	0.48	0.04	0.81	(0.32)	0.06	0.21	0.72	0.59	2.23
HFR [®] EH: Fundamental Growth Index	(5.67)	(0.65)	4.71	0.97	0.79	0.25	2.76	0.94	0.92	(0.47)	(0.50)	0.34	4.16
HFR [®] EH: Fundamental Value Index	(5.19)	(0.39)	3.63	1.48	0.24	(1.17)	3.18	1.34	0.73	(0.45)	2.58	1.37	7.26
HFR [®] EH: Multi-Strategy Index	(4.13)	0.33	3.14	1.10	0.32	(0.78)	2.38	0.81	0.59	(1.10)	1.37	1.13	5.08
HFR [®] EH: Quantitative Directional Index	(2.07)	0.04	2.66	(0.86)	0.82	0.33	1.81	(0.32)	0.13	(0.49)	1.29	1.38	4.73
HFR [®] EH: Sector - Energy/Basic Materials Index	(3.66)	2.47	3.92	6.51	(0.13)	1.59	3.39	2.43	2.16	(3.78)	1.56	1.37	18.80
HFR [®] EH: Sector - Healthcare Index	(9.81)	(3.46)	1.89	3.37	3.28	(1.23)	3.92	(0.27)	6.58	(6.30)	2.35	(0.59)	(1.49)
HFR [®] EH: Sector - Technology Index	(4.01)	(1.38)	1.62	0.19	1.96	(0.11)	1.98	1.22	1.84	(0.49)	0.44	(0.38)	2.74
HFR [®] EH: Sector - Technology/Healthcare (Total) Index	(6.95)	(2.41)	1.76	1.82	2.61	(0.65)	2.90	0.49	4.15	(3.28)	1.35	(0.48)	0.78
HFR [®] EH: Short Bias Index	6.18	4.89	(3.87)	1.44	(1.53)	1.37	(1.10)	(3.34)	(0.97)	(0.95)	(0.79)	0.37	1.22

Event-Driven													
HFR [®] Event-Driven (Total) Index	(3.17)	(0.52)	3.07	1.92	1.03	(0.06)	1.89	1.68	0.87	0.10	1.72	1.70	10.57
HFR [®] Event-Driven (Total) Index - Asset Weighted	(4.09)	(1.92)	1.27	2.20	1.15	(0.54)	1.58	2.09	(0.10)	0.05	2.56	1.11	5.26
HFR [®] ED: Activist Index	(5.48)	(1.44)	5.64	1.70	(0.46)	(0.84)	3.22	2.99	(0.00)	(2.25)	4.94	2.49	10.38
HFR [®] ED: Credit Arbitrage Index	(2.76)	(0.52)	3.03	2.79	0.32	2.20	1.42	1.42	1.23	1.15	0.32	1.06	11.42
HFR [®] ED: Distressed/Restructuring Index	(3.11)	(0.91)	2.48	2.66	2.13	0.30	2.36	1.75	1.19	1.32	1.42	2.76	15.15
HFR [®] ED: Merger Arbitrage Index	(0.18)	0.31	0.58	(1.02)	0.72	(0.29)	0.69	0.83	0.51	(0.74)	0.98	1.21	3.63
HFR [®] ED: Multi-Strategy Index	(2.78)	(0.64)	2.55	1.04	0.64	(0.84)	1.44	1.17	0.34	0.22	1.59	1.37	6.14
HFR [®] ED: Special Situations Index	(4.17)	(0.35)	4.27	2.65	0.88	0.15	1.91	2.07	1.18	(0.43)	2.12	1.22	11.86

Macro													
HFR [®] Macro (Total) Index	1.02	1.49	(0.95)	(0.08)	(0.93)	2.22	0.79	(1.47)	(0.34)	(1.23)	(0.31)	0.90	1.03
HFR [®] Macro (Total) Index - Asset Weighted	0.70	(0.23)	(0.95)	(0.89)	(0.22)	0.31	0.84	(0.35)	(0.58)	0.82	(0.19)	1.51	0.73
HFR [®] Macro: Active Trading Index	0.47	1.22	(0.43)	0.06	0.37	2.11	0.80	(1.23)	0.46	(0.41)	0.39	0.61	4.47
HFR [®] Macro: Commodity Index	0.14	1.41	0.35	1.15	(0.51)	1.91	0.70	(0.80)	0.93	(1.24)	(0.25)	0.54	4.37
HFR [®] Macro: Currency Index	0.48	1.27	(0.59)	0.31	(0.34)	0.51	0.76	(0.31)	(0.34)	0.79	0.07	0.21	2.84
HFR [®] Macro: Discretionary Thematic Index	(0.62)	(0.68)	(0.39)	0.55	0.18	(0.28)	(0.14)	0.33	(0.45)	0.97	(0.48)	1.05	0.03
HFR [®] Macro: Multi-Strategy Index	(0.24)	0.76	0.09	0.02	(0.80)	2.35	1.19	(0.80)	(0.14)	(0.66)	0.65	0.97	3.39
HFR [®] Macro: Systematic Diversified Index	2.50	2.65	(2.07)	(0.84)	(1.79)	3.56	1.05	(2.86)	(0.90)	(2.71)	(0.76)	1.06	(1.37)

Relative Value													
HFR [®] Relative Value (Total) Index	(1.63)	(0.55)	1.87	1.59	0.88	0.52	1.22	0.89	0.82	0.27	0.39	1.18	7.67
HFR [®] Relative Value (Total) Index - Asset Weighted	(1.16)	(1.11)	0.69	1.29	0.71	0.05	1.09	0.91	0.77	0.57	0.53	1.10	5.54
HFR [®] RV: Fixed Income-Asset Backed Index	(1.23)	(1.42)	0.61	1.17	0.61	0.10	1.24	1.01	0.88	0.88	0.63	0.51	5.07
HFR [®] RV: Fixed Income-Convertible Arbitrage Index	(2.10)	0.06	1.65	1.49	1.30	(0.02)	1.59	1.26	0.61	0.78	0.41	0.85	8.10
HFR [®] RV: Fixed Income-Corporate Index	(1.36)	(0.78)	3.10	1.93	0.80	0.77	1.99	1.31	0.70	0.81	0.04	1.73	11.52
HFR [®] RV: Fixed Income-Sovereign Index	(0.03)	0.08	1.98	1.20	0.21	1.09	0.72	0.54	0.42	0.13	(1.13)	1.09	6.45
HFR [®] RV: Multi-Strategy Index	(1.10)	(0.15)	1.53	0.98	0.30	0.21	1.35	0.70	0.81	0.10	0.27	1.21	6.36
HFR [®] RV: Volatility Index	(1.38)	0.01	0.79	0.34	1.85	(0.03)	0.33	0.06	0.62	0.38	0.52	0.73	4.27
HFR [®] RV: Yield Alternatives Index	(5.94)	(0.64)	5.43	6.82	2.16	2.75	0.46	1.45	1.80	(2.31)	1.91	2.86	17.38

Major Market Indices	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
Barclays Capital Government/Credit Bond Index	1.48	0.89	1.23	0.50	(0.02)	2.30	0.83	(0.21)	(0.20)	(1.01)	(2.77)	0.22	3.19
S&P 500 w/ dividends	(4.96)	(0.14)	6.78	0.39	1.79	0.26	3.68	0.14	0.02	(1.82)	3.70	1.97	11.93



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110 North Wacker Drive, 25th Floor, Chicago, IL 60606
www.HFR.com Ph: 312-658-0955

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HFRI® Indices – 2015 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
HFRI Fund Weighted Composite Index		(0.04)	1.88	0.37	0.95	0.59	(1.23)	(0.51)	(2.39)	(1.38)	1.73	0.16	(1.15)	(1.12)
HFRI Asset Weighted Composite Index		0.91	1.73	0.58	0.26	0.78	(1.64)	0.64	(2.32)	(1.39)	1.15	0.39	(1.06)	(0.06)
Single-Manager Strategy Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
Equity Hedge	HFRI Equity Hedge (Total) Index	(1.01)	2.72	0.28	1.82	0.96	(0.93)	(1.18)	(3.28)	(1.93)	2.97	(0.05)	(1.15)	(0.97)
	HFRI Equity Hedge (Total) Index - Asset Weighted	(0.60)	2.63	0.29	1.65	1.45	(1.11)	(0.17)	(3.00)	(2.26)	3.10	0.22	(0.66)	1.37
	HFRI EH: Equity Market Neutral Index	0.23	0.79	0.54	0.14	0.41	(0.04)	0.26	(0.38)	1.11	1.04	0.11	(0.02)	4.27
	HFRI EH: Fundamental Growth Index	(1.01)	2.70	0.08	3.40	0.72	(1.48)	(2.29)	(4.98)	(1.83)	3.41	(0.29)	(0.96)	(2.83)
	HFRI EH: Fundamental Value Index	(1.70)	3.10	0.30	1.79	1.08	(0.87)	(1.22)	(3.13)	(2.35)	3.29	(0.06)	(1.49)	(1.51)
	HFRI EH: Multi-Strategy Index	(0.79)	4.11	0.44	0.59	0.51	(0.77)	(0.46)	(2.61)	(2.72)	3.45	(0.01)	(1.80)	(0.28)
	HFRI EH: Quantitative Directional Index	(0.35)	1.69	0.26	0.07	1.32	(0.98)	1.21	(3.44)	(0.14)	2.50	0.04	(0.68)	1.36
	HFRI EH: Sector - Energy/Basic Materials Index	(1.62)	2.73	(0.80)	2.93	(0.37)	(2.40)	(5.33)	(2.59)	(5.08)	4.95	(2.83)	(3.68)	(13.71)
	HFRI EH: Sector - Healthcare Index	2.14	3.87	1.88	(1.20)	3.27	0.49	1.79	(3.06)	(6.84)	(0.92)	2.26	(0.44)	2.75
	HFRI EH: Sector - Technology Index	(1.03)	2.98	0.30	1.29	2.24	0.20	(0.12)	(2.31)	(1.40)	4.37	1.25	(0.52)	7.30
Event-Driven	HFRI EH: Sector - Technology/Healthcare (Total) Index	0.53	3.42	1.06	0.10	2.73	0.34	0.77	(2.65)	(3.78)	1.97	1.71	(0.48)	5.62
	HFRI EH: Short Bias Index	0.17	(2.63)	0.29	(0.25)	(1.35)	0.16	(1.39)	3.42	1.10	(2.40)	1.05	0.40	(1.58)
	HFRI Event-Driven (Total) Index	(1.06)	2.51	0.38	1.26	0.68	(1.32)	(0.99)	(2.21)	(2.36)	1.35	(0.72)	(1.00)	(3.55)
	HFRI Event-Driven (Total) Index - Asset Weighted	(0.63)	2.91	0.04	0.94	0.92	(1.67)	0.61	(3.61)	(4.00)	1.00	(0.62)	(0.73)	(4.94)
	HFRI ED: Activist Index	(1.79)	5.24	0.23	1.23	1.14	(0.76)	(1.25)	(3.40)	(3.94)	4.78	1.03	(0.92)	1.15
	HFRI ED: Credit Arbitrage Index	(0.69)	1.14	0.09	1.05	0.74	(0.80)	(0.68)	(1.20)	(1.79)	0.10	(1.38)	(1.90)	(5.24)
	HFRI ED: Distressed/Restructuring Index	(1.77)	2.22	0.38	0.99	0.40	(1.64)	(0.88)	(2.69)	(1.96)	0.07	(1.33)	(2.04)	(8.06)
	HFRI ED: Merger Arbitrage Index	0.34	1.42	0.35	0.57	0.98	(0.59)	0.01	(0.66)	(1.18)	1.01	(0.02)	1.09	3.32
	HFRI ED: Multi-Strategy Index	(0.34)	2.50	0.44	0.76	0.60	(1.56)	0.20	(1.84)	(2.20)	1.49	(0.21)	(0.74)	(1.00)
	HFRI ED: Special Situations Index	(1.34)	3.05	0.49	2.05	0.74	(1.48)	(2.00)	(2.63)	(3.04)	2.00	(0.92)	(0.85)	(4.07)
Macro	HFRI Macro (Total) Index	2.51	0.20	0.56	(1.19)	(0.05)	(2.31)	0.89	(1.61)	(0.04)	(0.08)	1.39	(1.42)	(1.26)
	HFRI Macro (Total) Index - Asset Weighted	3.40	0.86	1.01	(1.31)	0.32	(2.87)	1.64	(2.41)	0.29	0.44	1.29	(1.82)	0.67
	HFRI Macro: Active Trading Index	1.53	1.05	0.75	(1.82)	0.26	(2.45)	0.04	(1.30)	(0.04)	0.07	1.41	(0.36)	(0.97)
	HFRI Macro: Commodity Index	1.57	(0.47)	(0.07)	0.18	(0.37)	(0.70)	(0.39)	(0.94)	(0.60)	0.11	(0.09)	0.23	(1.55)
	HFRI Macro: Currency Index	0.84	0.50	1.95	0.38	(0.18)	(1.74)	0.37	(0.51)	(0.81)	(0.21)	0.62	(0.12)	1.04
	HFRI Macro: Discretionary Thematic Index	(0.13)	1.72	0.38	0.14	0.86	(1.05)	0.82	(1.10)	(1.22)	0.98	0.28	(1.05)	0.59
	HFRI Macro: Multi-Strategy Index	2.21	0.25	0.26	(1.04)	0.30	(2.35)	0.94	(1.71)	(1.01)	1.14	1.50	(1.48)	(1.10)
Relative Value	HFRI Macro: Systematic Diversified Index	4.40	(0.37)	0.74	(2.39)	(0.46)	(3.42)	1.53	(2.18)	1.03	(1.01)	2.35	(2.37)	(2.41)
	HFRI Relative Value (Total) Index	0.02	1.43	0.35	1.08	0.38	(0.67)	(0.24)	(1.26)	(1.11)	0.99	(0.31)	(0.92)	(0.29)
	HFRI Relative Value (Total) Index - Asset Weighted	0.26	1.19	0.67	0.61	0.64	(0.46)	0.14	(0.61)	(0.98)	0.20	(0.03)	(0.58)	1.03
	HFRI RV: Fixed Income-Asset Backed Index	(0.35)	1.21	0.48	0.70	0.40	0.20	0.17	(0.06)	(0.50)	(0.17)	0.10	(0.13)	2.07
	HFRI RV: Fixed Income-Convertible Arbitrage Index	0.42	1.39	0.19	1.58	0.70	(0.87)	(0.57)	(0.67)	(0.48)	1.55	(0.30)	(0.98)	1.92
	HFRI RV: Fixed Income-Corporate Index	(0.11)	1.49	0.15	1.26	0.20	(1.00)	(0.50)	(1.40)	(1.25)	1.26	(0.72)	(1.11)	(1.78)
	HFRI RV: Fixed Income-Sovereign Index	0.55	0.90	0.12	0.96	0.02	(0.59)	(0.30)	(0.88)	(0.86)	1.22	0.24	(0.59)	0.77
	HFRI RV: Multi-Strategy Index	0.27	1.24	0.50	1.13	0.54	(0.92)	(0.40)	(1.08)	(0.78)	0.68	0.22	(0.71)	0.65
	HFRI RV: Volatility Index	0.38	2.20	1.11	0.86	1.03	0.01	1.42	(3.20)	1.52	0.78	0.34	(0.25)	6.27
	HFRI RV: Yield Alternatives Index	(0.74)	2.22	(0.47)	1.46	(0.45)	(2.33)	(2.18)	(3.09)	(7.94)	4.17	(3.52)	(4.41)	(16.47)
Major Market Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
Barclays Capital Government/Credit Bond Index		2.77	(1.33)	0.52	(0.56)	(0.36)	(1.29)	0.76	(0.24)	0.73	0.00	(0.33)	(0.45)	0.15
S&P 500 w/ dividends		(3.00)	5.74	(1.58)	0.96	1.29	(1.93)	2.09	(6.02)	(2.47)	8.43	0.30	(1.59)	1.38



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HFR[®] Indices – 2014 Monthly Performance

Composite & Single-Manager Strategy Indices

HFR [®] Composite Indices	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
HFR [®] Fund Weighted Composite Index	(0.54)	1.97	(0.29)	(0.22)	0.92	1.30	(0.63)	1.25	(0.92)	(0.40)	0.78	(0.23)	2.98
HFR [®] Asset Weighted Composite Index	(0.27)	1.71	(0.41)	(0.12)	1.25	1.05	(0.46)	1.09	(0.30)	(0.46)	1.44	(0.07)	4.49

Single-Manager Strategy Indices		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
Equity Hedge	HFR [®] Equity Hedge (Total) Index	(0.98)	2.54	(0.42)	(0.73)	1.12	1.73	(0.97)	1.61	(1.97)	(0.08)	0.39	(0.35)	1.81
	HFR [®] Equity Hedge (Total) Index - Asset Weighted	(0.95)	2.26	(1.04)	(1.19)	1.64	1.48	(0.94)	1.49	(1.02)	(0.24)	1.28	0.01	2.72
	HFR [®] EH: Equity Market Neutral Index	0.01	0.92	0.29	0.36	0.20	(0.11)	(0.14)	0.62	(0.29)	0.06	0.94	0.17	3.06
	HFR [®] EH: Fundamental Growth Index	(1.64)	2.70	(0.47)	(0.91)	1.86	1.83	(0.45)	1.56	(2.38)	(0.35)	(0.22)	(1.58)	(0.19)
	HFR [®] EH: Fundamental Value Index	(1.39)	2.38	(0.26)	(0.58)	0.99	1.72	(1.18)	1.64	(2.17)	0.13	0.69	0.03	1.91
	HFR [®] EH: Multi-Strategy Index	(1.48)	2.42	(0.52)	(0.11)	1.03	1.36	(1.24)	1.85	(1.86)	0.14	0.91	(0.05)	2.38
	HFR [®] EH: Quantitative Directional Index	(1.76)	2.85	(0.47)	(0.24)	1.31	1.23	(1.16)	1.87	(1.17)	0.38	1.49	(0.10)	4.19
	HFR [®] EH: Sector - Energy/Basic Materials Index	0.51	4.94	(0.31)	0.92	0.82	4.40	(3.15)	1.52	(4.92)	(5.50)	(3.60)	(1.75)	(6.54)
	HFR [®] EH: Sector - Healthcare Index	5.29	5.59	(1.25)	(4.19)	(0.10)	3.68	(1.67)	3.90	(0.87)	2.88	1.78	3.57	19.64
	HFR [®] EH: Sector - Technology Index	(0.41)	2.06	(2.44)	(3.76)	0.70	2.63	(1.44)	1.54	(0.88)	1.14	0.90	0.61	0.46
	HFR [®] EH: Sector - Technology/Healthcare (Total) Index	2.44	3.80	(1.88)	(3.97)	0.32	3.12	(1.55)	2.64	(0.87)	1.94	1.31	2.03	9.40
	HFR [®] EH: Short Bias Index	1.33	(3.03)	0.44	1.09	(1.26)	(1.62)	0.44	(0.79)	1.70	(1.36)	(0.91)	0.12	(3.89)
Event-Driven	HFR [®] Event-Driven (Total) Index	(0.00)	1.87	0.11	0.06	0.92	1.32	(0.64)	0.36	(1.44)	(1.67)	0.52	(0.27)	1.08
	HFR [®] Event-Driven (Total) Index - Asset Weighted	0.22	3.16	(0.24)	0.26	1.23	1.55	(0.65)	0.66	(0.73)	(1.38)	1.82	(0.61)	5.33
	HFR [®] ED: Activist Index	(1.17)	1.44	0.41	(1.16)	2.47	0.97	(0.45)	2.57	(1.25)	(2.56)	2.72	2.57	6.57
	HFR [®] ED: Credit Arbitrage Index	1.37	0.80	0.31	0.31	0.45	0.56	0.35	0.41	(0.26)	(0.12)	0.38	(0.65)	3.95
	HFR [®] ED: Distressed/Restructuring Index	0.15	2.09	0.61	0.25	0.92	1.34	(0.64)	0.05	(2.19)	(2.09)	(0.43)	(1.35)	(1.39)
	HFR [®] ED: Merger Arbitrage Index	0.03	0.96	(0.34)	(0.10)	0.50	0.86	(0.28)	0.45	(0.38)	(1.34)	0.97	0.37	1.69
	HFR [®] ED: Multi-Strategy Index	(0.54)	1.85	(0.38)	0.02	1.12	1.23	(0.73)	0.08	(1.00)	(1.11)	1.10	(0.34)	1.27
	HFR [®] ED: Special Situations Index	(0.10)	2.29	(0.07)	0.11	0.75	1.70	(1.00)	0.33	(1.64)	(1.92)	0.45	(0.01)	0.80
Macro	HFR [®] Macro (Total) Index	(0.85)	1.44	(0.90)	0.06	0.57	0.70	(0.40)	1.50	1.08	(0.20)	2.25	0.24	5.58
	HFR [®] Macro (Total) Index - Asset Weighted	(0.90)	1.00	(0.62)	0.23	1.34	0.61	(0.44)	1.51	0.13	(0.08)	2.18	0.18	5.22
	HFR [®] Macro: Active Trading Index	(0.08)	0.84	(0.12)	0.45	1.60	0.48	(1.23)	2.27	0.88	(0.25)	2.46	0.72	8.27
	HFR [®] Macro: Commodity Index	0.70	2.40	(0.70)	1.26	(1.26)	1.10	(0.86)	0.96	0.16	(0.84)	0.39	0.23	3.54
	HFR [®] Macro: Currency Index	(0.30)	(0.19)	0.45	(0.51)	0.68	(0.89)	0.35	0.87	1.07	0.23	0.13	(0.89)	1.00
	HFR [®] Macro: Discretionary Thematic Index	(1.10)	1.56	(0.61)	(0.37)	0.58	0.75	(0.36)	(0.17)	(0.59)	(0.67)	0.86	(1.42)	(1.54)
	HFR [®] Macro: Multi-Strategy Index	(0.88)	0.46	(0.76)	(0.59)	1.19	0.82	0.28	1.15	1.34	(0.51)	2.18	(0.07)	4.65
HFR [®] Macro: Systematic Diversified Index	(1.69)	1.75	(1.62)	0.02	0.98	0.77	(0.46)	2.75	2.26	0.36	4.08	1.20	10.73	
Relative Value	HFR [®] Relative Value (Total) Index	0.60	1.24	0.47	0.58	0.85	0.97	(0.05)	0.58	(0.37)	(0.66)	0.22	(0.47)	4.02
	HFR [®] Relative Value (Total) Index - Asset Weighted	0.93	0.99	0.42	0.34	0.74	0.77	0.19	0.45	0.19	(0.53)	0.42	(0.11)	4.90
	HFR [®] RV: Fixed Income-Asset Backed Index	1.28	1.05	0.92	0.83	0.80	1.03	0.88	0.23	0.81	(0.11)	0.36	0.29	8.69
	HFR [®] RV: Fixed Income-Convertible Arbitrage Index	0.86	1.20	0.19	0.18	0.41	0.56	(0.19)	0.15	(1.15)	(1.24)	0.36	0.25	1.55
	HFR [®] RV: Fixed Income-Corporate Index	0.60	1.11	0.41	0.74	0.91	0.87	(0.34)	0.32	(0.99)	(0.55)	(0.45)	(1.34)	1.24
	HFR [®] RV: Fixed Income-Sovereign Index	(0.68)	1.38	1.00	0.61	0.63	0.47	0.06	0.37	(0.89)	(0.02)	(0.31)	(1.44)	1.16
	HFR [®] RV: Multi-Strategy Index	0.55	1.05	(0.19)	0.30	0.69	0.78	0.05	0.43	(0.20)	(0.39)	0.42	(0.12)	3.40
	HFR [®] RV: Volatility Index	0.05	1.97	0.60	0.26	0.89	0.71	(0.78)	1.22	0.01	(2.06)	1.48	(0.98)	3.34
	HFR [®] RV: Yield Alternatives Index	0.90	1.63	1.37	1.35	2.30	3.42	(1.31)	3.12	(1.51)	(1.53)	(0.14)	(0.67)	9.13

Major Market Indices	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
Barclays Capital Government/Credit Bond Index	1.54	0.65	(0.11)	0.86	1.18	(0.04)	(0.11)	1.26	(0.95)	1.04	0.76	0.10	6.32
S&P 500 w/ dividends	(3.46)	4.57	0.84	0.74	2.34	2.06	(1.38)	3.99	(1.40)	2.44	2.69	(0.26)	13.65



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HFRI® Indices – 2013 Monthly Performance

Composite & Single-Manager Strategy Indices

HFRI Composite Indices	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
HFRI Fund Weighted Composite Index	2.51	0.11	0.95	0.63	0.48	(1.47)	1.30	(0.70)	1.58	1.51	0.89	1.05	9.13
HFRI Asset Weighted Composite Index	2.16	0.25	1.08	1.29	0.51	(1.71)	1.07	(0.57)	1.33	1.59	1.16	0.97	9.46

Single-Manager Strategy Indices		Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
Equity Hedge	HFRI Equity Hedge (Total) Index	3.34	0.32	1.22	0.37	1.22	(1.64)	2.27	(0.85)	2.66	2.01	1.20	1.41	14.28
	HFRI Equity Hedge (Total) Index - Asset Weighted	4.11	0.47	1.54	1.07	1.39	(1.03)	2.29	(0.95)	2.80	2.22	1.73	1.88	18.84
	HFRI EH: Equity Market Neutral Index	1.21	0.42	0.34	0.44	0.32	(0.01)	1.08	(0.46)	0.40	1.37	0.85	0.31	6.46
	HFRI EH: Fundamental Growth Index	3.64	0.12	0.54	0.48	0.99	(3.15)	1.83	(1.18)	3.37	2.14	0.94	1.13	11.20
	HFRI EH: Fundamental Value Index	4.16	0.78	1.88	0.74	1.94	(1.36)	2.62	(1.31)	3.04	2.46	1.58	1.74	19.69
	HFRI EH: Multi-Strategy Index	2.82	0.32	1.42	(0.23)	1.80	(1.39)	2.21	0.08	2.44	2.39	1.46	1.81	16.13
	HFRI EH: Quantitative Directional Index	2.82	0.04	1.29	0.50	(0.65)	(0.86)	2.79	(0.91)	1.20	2.30	0.90	1.20	11.04
	HFRI EH: Sector - Energy/Basic Materials Index	2.48	(2.21)	1.10	(3.09)	(0.52)	(2.58)	2.67	0.94	1.11	1.55	(1.14)	0.80	0.91
	HFRI EH: Sector - Healthcare Index	3.90	0.68	3.54	1.69	2.20	0.17	4.88	0.58	4.12	(0.07)	3.22	2.85	31.35
	HFRI EH: Sector - Technology Index	1.60	0.15	0.27	(0.25)	2.02	(0.24)	2.96	0.12	3.73	(0.12)	0.99	2.26	14.24
	HFRI EH: Sector - Technology/Healthcare (Total) Index	2.70	0.41	1.81	0.65	2.11	(0.04)	3.89	0.34	3.91	(0.10)	2.08	2.55	22.17
	HFRI EH: Short Bias Index	(3.16)	(0.31)	(2.33)	(2.23)	(3.04)	1.03	(3.11)	1.74	(4.26)	(1.73)	(1.65)	(1.19)	(18.60)
Event-Driven	HFRI Event-Driven (Total) Index	2.29	0.36	1.00	0.99	1.84	(1.03)	1.39	(0.24)	1.54	1.51	1.04	1.19	12.51
	HFRI Event-Driven (Total) Index - Asset Weighted	2.72	0.60	1.84	1.53	2.11	(1.40)	1.38	(0.42)	1.76	2.17	1.61	1.46	16.43
	HFRI ED: Activist Index	1.65	5.38	(1.42)	(0.78)	4.51	(1.54)	2.62	(1.78)	2.03	2.71	0.57	1.33	16.05
	HFRI ED: Credit Arbitrage Index	1.74	0.52	0.77	0.79	0.53	(0.33)	0.96	0.54	0.69	1.08	0.70	0.56	8.87
	HFRI ED: Distressed/Restructuring Index	2.31	0.56	1.46	1.37	2.28	(1.41)	1.30	(0.31)	1.45	1.78	1.28	1.22	14.05
	HFRI ED: Merger Arbitrage Index	(0.17)	0.32	0.68	0.39	0.58	(0.29)	0.96	(0.02)	0.81	0.53	0.28	0.58	4.74
	HFRI ED: Multi-Strategy Index	2.98	(0.22)	0.41	1.13	1.74	(1.09)	0.96	(0.62)	1.35	1.18	0.93	0.97	10.09
	HFRI ED: Special Situations Index	2.90	(0.07)	1.24	1.04	1.90	(1.04)	1.73	(0.19)	2.07	1.64	1.28	1.46	14.81
Macro	HFRI Macro (Total) Index	1.53	(0.68)	0.41	0.65	(1.25)	(1.57)	(0.06)	(1.08)	(0.17)	0.83	0.52	0.47	(0.44)
	HFRI Macro (Total) Index - Asset Weighted	1.19	(0.19)	0.70	1.62	(0.90)	(2.90)	0.29	(0.92)	0.43	1.16	0.84	0.14	1.40
	HFRI Macro: Active Trading Index	2.44	0.75	0.54	1.07	(1.45)	(0.47)	(0.66)	(0.68)	0.44	1.43	1.12	0.53	5.10
	HFRI Macro: Commodity Index	0.64	(1.45)	(0.24)	(1.22)	(1.67)	(1.44)	1.25	(0.00)	(1.53)	(0.01)	(0.50)	0.20	(5.84)
	HFRI Macro: Currency Index	1.29	0.44	0.28	(1.12)	(0.47)	(0.78)	(0.07)	(1.22)	0.24	0.12	(0.35)	(0.02)	(1.67)
	HFRI Macro: Discretionary Thematic Index	2.29	(0.48)	0.18	(0.26)	(0.06)	(1.73)	0.21	(1.22)	0.70	0.69	0.04	0.48	0.79
	HFRI Macro: Multi-Strategy Index	1.57	(0.50)	0.22	0.70	(0.04)	(1.14)	0.57	(1.45)	0.84	1.05	1.15	0.94	3.94
	HFRI Macro: Systematic Diversified Index	1.47	(1.06)	0.88	2.24	(2.26)	(2.13)	(0.91)	(1.41)	(0.48)	1.29	1.09	0.52	(0.87)
Relative Value	HFRI Relative Value (Total) Index	1.77	0.39	0.88	1.06	0.06	(1.19)	0.57	(0.11)	1.10	1.10	0.48	0.77	7.07
	HFRI Relative Value (Total) Index - Asset Weighted	1.50	0.47	0.79	0.92	0.54	(0.88)	0.72	0.19	0.78	1.14	0.68	0.77	7.89
	HFRI RV: Fixed Income-Asset Backed Index	1.92	0.76	0.95	1.05	0.59	(0.94)	0.68	0.64	0.72	1.30	1.00	0.83	9.91
	HFRI RV: Fixed Income-Convertible Arbitrage Index	1.71	0.37	0.84	1.03	1.41	(1.05)	0.79	0.06	1.16	0.92	0.03	0.53	8.02
	HFRI RV: Fixed Income-Corporate Index	1.68	0.21	0.63	0.75	0.16	(1.91)	0.77	(0.26)	1.03	1.53	0.26	0.74	5.68
	HFRI RV: Fixed Income-Sovereign Index	0.84	(0.21)	(0.01)	1.22	(0.66)	(2.14)	0.77	(0.77)	1.89	0.69	(0.51)	0.10	1.15
	HFRI RV: Multi-Strategy Index	1.81	0.40	1.02	1.54	0.59	(1.15)	0.22	(0.16)	1.12	0.92	0.60	0.74	7.90
	HFRI RV: Volatility Index	0.41	0.27	0.43	0.27	(2.67)	(0.77)	0.24	(0.16)	0.75	0.15	0.50	0.76	0.12
	HFRI RV: Yield Alternatives Index	4.78	0.68	2.95	1.55	(0.01)	0.76	0.73	(1.42)	2.08	2.03	0.97	2.13	18.50

Major Market Indices	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
Barclays Capital Government/Credit Bond Index	(0.85)	0.61	0.06	1.29	(2.02)	(1.89)	0.24	(0.64)	0.79	0.91	(0.30)	(0.65)	(2.47)
S&P 500 w/ dividends	5.18	1.36	3.75	1.92	2.34	(1.34)	5.09	(2.89)	3.14	4.59	3.04	2.52	32.36



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HFRI® Indices – 2023 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
FOF	HFRI Fund of Funds Composite Index	2.02	(0.58)	(0.72)	0.70	1.40	0.70
	HFRI FOF: Conservative Index	1.13	0.32	(0.66)	0.70	1.49	0.79
	HFRI FOF: Diversified Index	1.48	(0.16)	(0.76)	0.51	1.05	0.54
	HFRI FOF: Market Defensive Index	0.71	0.10	(2.34)	(0.13)	(1.67)	(1.55)
	HFRI FOF: Strategic Index	3.37	(1.62)	(0.48)	1.19	2.41	1.21
Emerging Markets Indices		Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
EM	HFRI Emerging Markets (Total) Index	4.23	(2.47)	0.25	(0.23)	1.68	1.91
	HFRI Emerging Markets: Asia ex-Japan Index	5.60	(3.54)	1.16	(0.78)	2.23	3.04
	HFRI Emerging Markets: China Index	6.96	(4.24)	1.06	(1.35)	2.11	3.50
	HFRI Emerging Markets: Global Index	2.86	(1.35)	(0.40)	0.39	1.46	1.07
	HFRI Emerging Markets: India Index	(2.31)	(1.79)	0.53	5.98	2.22	(3.55)
	HFRI Emerging Markets: Latin America Index	5.57	(2.61)	(0.84)	0.56	2.52	1.95
	HFRI Emerging Markets: MENA Index	0.23	(0.13)	(0.30)	(1.43)	(1.62)	(0.19)
	HFRI Emerging Markets: Russia/Eastern Europe Index	2.07	(6.78)	(2.43)		(7.16)	(7.16)
Regional Indices		Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
Regional	HFRI Asia with Japan Index	2.19	(0.67)	(2.24)	0.09	(0.67)	(0.77)
	HFRI Japan Index	0.16	(0.32)	1.20	1.58	2.64	1.04
	HFRI North America Index	3.37	(0.62)	(0.83)	0.21	2.09	1.88
	HFRI Western/Pan Europe Index	2.21	1.23	(1.61)	0.38	2.19	1.80
	HFRI World Index	1.71	(0.37)	(0.98)	0.72	1.06	0.34
Thematic Indices		Jan-23	Feb-23	Mar-23	Apr-23	YTD 2023	Q1 '23
Thematic	HFRI Credit Index	2.34	0.10	(0.86)	0.19	1.75	1.56
	HFRI Diversity Index	3.13	(0.86)	0.18	0.32	2.76	2.43
	HFRI Women Index	4.17	(1.30)	(0.25)	(1.28)	1.25	2.56



HFRI® Indices – 2022 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
FOF	HFRI Fund of Funds Composite Index	(2.55)	(0.59)	0.38	(1.21)	(1.47)	(1.33)	0.76	0.55	(1.64)	0.43	0.94	0.35	(5.31)	(2.75)	(3.94)	(0.35)	1.73
	HFRI FOF: Conservative Index	(0.29)	0.02	0.42	(0.02)	(0.56)	(1.13)	0.39	0.26	(0.44)	0.43	0.29	0.73	0.08	0.16	(1.71)	0.21	1.45
	HFRI FOF: Diversified Index	(1.88)	(0.33)	0.63	(0.53)	(1.34)	(1.27)	0.51	0.72	(0.91)	0.64	0.22	0.36	(3.19)	(1.59)	(3.11)	0.30	1.23
	HFRI FOF: Market Defensive Index	0.45	(0.24)	1.07	1.90	(0.19)	0.82	(0.72)	1.34	1.44	(0.02)	(0.86)	0.86	5.97	1.28	2.54	2.06	(0.03)
	HFRI FOF: Strategic Index	(4.80)	(1.26)	(0.10)	(3.07)	(2.17)	(1.72)	1.48	0.33	(3.66)	0.17	2.56	0.11	(11.71)	(6.10)	(6.80)	(1.91)	2.85
Emerging Markets Indices		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
EM	HFRI Emerging Markets (Total) Index	(2.55)	(2.83)	(1.58)	(2.55)	(0.68)	(2.53)	(1.16)	0.86	(5.17)	(1.50)	5.07	1.10	(13.05)	(6.80)	(5.67)	(5.47)	4.62
	HFRI Emerging Markets: Asia ex-Japan Index	(4.23)	(2.11)	(4.07)	(3.62)	(0.65)	0.15	(3.00)	0.06	(6.55)	(3.99)	7.81	1.49	(17.84)	(10.07)	(4.10)	(9.30)	5.04
	HFRI Emerging Markets: China Index	(5.11)	(1.83)	(6.47)	(4.77)	(0.02)	2.60	(4.85)	(0.88)	(6.97)	(4.81)	9.36	3.85	(19.26)	(12.88)	(2.31)	(12.26)	8.11
	HFRI Emerging Markets: Global Index	(1.13)	(2.93)	0.39	(2.09)	(0.67)	(3.98)	0.24	0.91	(3.09)	0.23	3.66	1.79	(6.73)	(3.66)	(6.62)	(1.97)	5.77
	HFRI Emerging Markets: India Index	(0.92)	(5.77)	2.67	0.97	(6.46)	(6.50)	6.63	2.52	(3.99)	0.03	3.26	(4.41)	(12.28)	(4.14)	(11.69)	4.95	(1.26)
	HFRI Emerging Markets: Latin America Index	3.45	0.84	5.39	(3.86)	0.97	(10.02)	1.15	3.01	(3.96)	3.32	0.67	0.39	0.35	9.95	(12.65)	0.07	4.42
	HFRI Emerging Markets: MENA Index	0.12	0.81	(0.47)	1.79	(3.66)	(4.92)	1.36	1.30	(3.25)	0.17	2.22	0.55	(4.18)	0.46	(6.76)	(0.66)	2.96
	HFRI Emerging Markets: Russia/Eastern Europe Index	(7.32)	(40.19)	(6.26)	(5.00)	14.67	11.83	(1.11)	11.73	(12.86)	8.00	2.96	(11.87)	(40.27)	(48.04)	21.83	(3.72)	(2.00)
Regional Indices		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
Regional	HFRI Asia with Japan Index	0.45	0.80	1.03	(0.55)	(0.69)	(2.05)	(0.69)	1.08	(2.09)	(0.96)	3.14	0.61	(0.05)	2.30	(3.27)	(1.72)	2.77
	HFRI Japan Index	(5.56)	0.63	1.73	(0.93)	0.06	0.41	1.97	2.08	1.08	2.20	1.78	(0.20)	5.08	(3.33)	(0.47)	5.21	3.80
	HFRI North America Index	(2.92)	0.22	0.83	(2.80)	(0.57)	(4.28)	3.16	(0.08)	(3.66)	3.01	1.71	(1.05)	(6.57)	(1.89)	(7.49)	(0.70)	3.67
	HFRI Western/Pan Europe Index	(0.52)	(0.10)	1.77	1.53	0.76	(1.30)	(0.24)	1.05	0.09	(0.30)	1.69	1.62	6.18	1.15	0.97	0.90	3.04
	HFRI World Index	(1.29)	0.27	2.34	(0.09)	(0.58)	(1.95)	0.59	0.69	(1.01)	1.07	(0.26)	(0.21)	(0.51)	1.29	(2.61)	0.26	0.59
Thematic Indices		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022	Q1 '22	Q2 '22	Q3 '22	Q4 '22
Thematic	HFRI Credit Index	(0.17)	(0.11)	0.50	(0.55)	(0.88)	(2.25)	0.88	0.92	(2.22)	0.33	1.02	(0.05)	(2.62)	0.22	(3.64)	(0.45)	1.31
	HFRI Diversity Index	(2.08)	(0.66)	1.00	(1.99)	(0.56)	(3.39)	1.44	0.40	(3.17)	1.59	1.96	(0.40)	(5.88)	(1.75)	(5.84)	(1.38)	3.17
	HFRI Women Index	(3.42)	(0.79)	(0.57)	(3.06)	(0.55)	(1.78)	0.20	(0.09)	(4.15)	0.28	2.99	(0.31)	(10.88)	(4.74)	(5.31)	(4.05)	2.97



HFRI® Indices – 2021 Monthly Performance

Fund of Funds, Regional & Thematic Indices

	Fund of Funds Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
FOF	HFRI Fund of Funds Composite Index	(0.66)	2.83	(0.12)	2.14	0.17	0.56	(0.64)	1.25	0.13	1.57	(1.46)	0.34	6.17	2.02	2.88	0.73	0.43
	HFRI FOF: Conservative Index	0.40	2.39	0.78	1.42	0.40	0.34	(0.27)	0.61	0.64	0.65	(0.62)	0.67	7.62	3.59	2.17	0.98	0.70
	HFRI FOF: Diversified Index	(1.29)	2.91	0.26	2.01	0.12	0.45	(0.32)	1.11	0.28	1.41	(1.44)	0.39	5.95	1.84	2.59	1.07	0.33
	HFRI FOF: Market Defensive Index	(0.78)	2.14	0.23	1.38	0.30	(0.47)	(0.13)	0.17	0.51	0.68	(0.68)	0.24	3.62	1.58	1.21	0.55	0.23
	HFRI FOF: Strategic Index	(0.14)	2.99	(1.16)	2.76	0.11	0.95	(1.37)	1.90	(0.36)	2.34	(1.95)	0.15	6.26	1.65	3.86	0.14	0.50
	Emerging Markets Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
EM	HFRI Emerging Markets (Total) Index	1.38	2.11	(0.28)	2.55	2.38	1.27	(2.45)	0.95	(0.60)	0.29	(1.63)	0.82	6.86	3.23	6.33	(2.11)	(0.54)
	HFRI Emerging Markets: Asia ex-Japan Index	2.71	3.39	(0.91)	2.66	2.24	1.59	(4.21)	0.60	(0.41)	(0.21)	(1.00)	0.04	6.42	5.23	6.62	(4.02)	(1.17)
	HFRI Emerging Markets: China Index	3.72	2.41	(1.72)	2.58	1.96	1.94	(7.98)	(0.36)	(1.30)	0.36	(0.85)	(1.17)	(0.94)	4.39	6.63	(9.50)	(1.66)
	HFRI Emerging Markets: Global Index	0.62	0.97	(0.24)	2.20	1.84	0.28	(0.43)	1.09	(0.90)	0.67	(2.17)	1.02	4.98	1.35	4.37	(0.25)	(0.50)
	HFRI Emerging Markets: India Index	0.81	7.93	0.85	1.54	10.17	2.32	5.58	4.04	1.25	(2.47)	(1.71)	3.78	38.98	9.73	14.47	11.23	(0.52)
	HFRI Emerging Markets: Latin America Index	(3.09)	(1.14)	0.30	2.83	3.61	2.49	(3.89)	(0.55)	(3.55)	(3.23)	(1.66)	1.81	(6.28)	(3.91)	9.20	(7.81)	(3.11)
	HFRI Emerging Markets: MENA Index	1.89	1.88	0.51	2.95	2.16	0.99	0.12	1.74	(0.35)	2.52	(1.10)	2.70	17.14	4.34	6.22	1.51	4.13
	HFRI Emerging Markets: Russia/Eastern Europe Index	(0.59)	1.80	3.27	2.41	5.30	2.18	0.91	3.68	2.32	3.48	(7.45)	2.22	20.69	4.51	10.19	7.05	(2.10)
	Regional Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
Regional	HFRI Asia with Japan Index	2.46	3.35	0.45	1.75	0.87	0.79	(1.87)	1.22	1.21	(0.09)	(2.60)	0.61	8.31	6.38	3.45	0.53	(2.10)
	HFRI Japan Index	(0.20)	0.87	3.02	(0.72)	0.90	1.91	(0.84)	2.06	1.00	(0.48)	(1.45)	1.43	7.66	3.72	2.09	2.21	(0.52)
	HFRI North America Index	1.48	4.70	1.18	2.22	1.27	1.02	(0.84)	0.82	(0.25)	1.89	(1.81)	1.53	13.87	7.50	4.58	(0.28)	1.57
	HFRI Western/Pan Europe Index	0.41	4.46	1.17	1.48	0.75	(0.50)	(0.29)	1.69	2.20	(2.63)	(3.98)	3.03	7.75	6.11	1.73	3.63	(3.67)
	HFRI World Index	0.97	3.21	0.59	2.27	1.17	(0.14)	(0.49)	0.50	(0.47)	1.66	(2.14)	0.71	8.00	4.82	3.32	(0.47)	0.19
	Thematic Indices	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021	Q1 '21	Q2 '21	Q3 '21	Q4 '21
Thematic	HFRI Credit Index	1.67	2.12	0.67	1.16	1.01	0.57	(0.32)	0.59	0.30	0.26	(0.60)	0.29	7.95	4.51	2.76	0.56	(0.05)
	HFRI Diversity Index	1.36	4.35	(0.53)	2.58	0.88	0.68	(0.27)	1.15	(0.84)	1.39	(1.31)	1.33	11.17	5.21	4.18	0.03	1.39
	HFRI Women Index	1.11	2.47	(0.58)	2.35	1.37	0.82	(1.38)	0.98	(1.42)	1.43	(1.52)	0.84	6.55	3.00	4.61	(1.82)	0.72



HFRI® Indices – 2020 Monthly Performance

Fund of Funds, Regional & Thematic Indices

	Fund of Funds Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
FOF	HFRI Fund of Funds Composite Index	0.28	(1.53)	(7.63)	3.40	2.30	1.97	2.25	2.14	(0.17)	0.31	3.91	3.71	10.88	(8.78)	7.85	4.26	8.11
	HFRI FOF: Conservative Index	0.48	(0.92)	(6.78)	1.74	2.00	1.73	1.50	1.16	(0.01)	0.32	2.70	2.73	6.47	(7.19)	5.57	2.67	5.84
	HFRI FOF: Diversified Index	0.54	(1.28)	(7.00)	3.13	2.20	1.70	1.97	1.91	0.06	0.19	3.49	3.71	10.62	(7.70)	7.20	3.97	7.53
	HFRI FOF: Market Defensive Index	0.02	(0.95)	(2.90)	1.14	0.69	0.39	2.11	0.52	(0.84)	(0.30)	1.55	2.42	3.79	(3.80)	2.23	1.77	3.70
	HFRI FOF: Strategic Index	(0.15)	(2.26)	(9.70)	5.01	2.82	2.71	3.07	3.24	(0.52)	0.60	5.52	4.36	14.62	(11.87)	10.90	5.86	10.79
	Emerging Markets Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
EM	HFRI Emerging Markets (Total) Index	(0.69)	(2.10)	(12.81)	5.78	1.92	4.69	4.79	2.41	(1.50)	0.88	5.14	5.22	12.86	(15.23)	12.87	5.70	11.60
	HFRI Emerging Markets: Asia ex-Japan Index	(1.44)	(0.83)	(12.70)	7.69	1.05	6.80	6.26	3.12	(1.39)	1.29	5.53	6.43	21.90	(14.68)	16.23	8.06	13.76
	HFRI Emerging Markets: China Index	(2.81)	1.72	(6.51)	5.93	1.18	6.89	7.03	2.01	(2.32)	1.96	4.06	6.07	27.06	(7.58)	14.56	6.64	12.54
	HFRI Emerging Markets: Global Index	0.68	(1.78)	(10.23)	3.58	2.96	2.66	2.93	1.92	(1.17)	0.06	4.62	3.88	9.56	(11.23)	9.48	3.67	8.75
	HFRI Emerging Markets: India Index	3.32	(7.25)	(31.40)	12.80	(2.33)	10.22	6.59	8.69	0.38	(0.41)	11.00	9.14	12.00	(34.26)	21.44	16.31	20.64
	HFRI Emerging Markets: Latin America Index	(2.24)	(5.54)	(23.29)	2.95	4.79	5.26	5.53	(1.23)	(4.13)	(0.40)	8.01	5.27	(8.96)	(29.16)	13.56	(0.07)	13.25
	HFRI Emerging Markets: MENA Index	0.23	(2.89)	(9.72)	3.18	0.94	0.73	2.03	2.99	(0.27)	0.57	2.23	2.93	2.23	(12.13)	4.91	4.80	5.82
	HFRI Emerging Markets: Russia/Eastern Europe Index	0.34	(7.17)	(15.83)	9.73	2.11	2.56	4.02	2.34	(2.50)	3.31	5.49	4.19	6.17	(21.60)	14.91	3.79	13.54
	Regional Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
Regional	HFRI Asia with Japan Index	(0.74)	(0.34)	(5.02)	2.87	(0.42)	1.60	2.55	2.07	(1.59)	0.59	3.63	3.49	8.67	(6.04)	4.08	3.01	7.88
	HFRI Japan Index	(1.24)	(5.87)	(3.83)	4.06	4.20	0.41	(0.11)	5.11	3.10	(1.07)	4.93	1.98	11.54	(10.60)	8.88	8.25	5.85
	HFRI North America Index	(0.62)	(2.72)	(11.15)	5.44	3.25	2.02	2.83	2.82	(0.84)	0.21	7.42	5.00	13.06	(14.10)	11.07	4.85	13.03
	HFRI Western/Pan Europe Index	(0.32)	(0.56)	(5.97)	3.22	0.90	2.45	1.84	1.65	0.05	(0.38)	3.45	3.71	10.09	(6.80)	6.70	3.58	6.88
	HFRI World Index	(0.16)	(2.00)	(6.32)	3.44	1.81	1.21	2.74	1.86	(1.01)	(0.04)	4.76	4.14	10.36	(8.33)	6.58	3.59	9.05
	Thematic Indices	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020	Q1 '20	Q2 '20	Q3 '20	Q4 '20
Thematic	HFRI Credit Index	0.46	(0.31)	(10.43)	2.22	2.36	2.70	1.55	1.40	0.59	0.34	3.49	2.47	6.26	(10.30)	7.46	3.59	6.42
	HFRI Diversity Index	(0.46)	(2.07)	(10.05)	5.29	2.18	2.44	3.82	3.16	(0.58)	0.29	6.52	4.85	15.27	(12.32)	10.22	6.47	12.02
	HFRI Women Index	(0.76)	(0.90)	(8.78)	5.17	2.97	3.92	3.91	2.48	(1.15)	0.38	5.57	5.23	18.50	(10.29)	12.55	5.26	11.50



HFRI® Indices – 2019 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
FOF	HFRI Fund of Funds Composite Index	2.56	1.06	0.91	0.91	(0.96)	1.55	0.27	(0.77)	(0.45)	0.50	0.92	1.63	8.39	4.60	1.49	(0.95)	3.08
	HFRI FOF: Conservative Index	1.84	0.82	0.45	0.97	(0.23)	0.73	0.24	(0.23)	(0.06)	0.16	0.43	1.03	6.30	3.14	1.47	(0.05)	1.63
	HFRI FOF: Diversified Index	2.49	1.04	0.74	0.91	(0.70)	1.46	0.38	(0.51)	(0.68)	0.25	1.00	1.48	8.10	4.32	1.67	(0.81)	2.75
	HFRI FOF: Market Defensive Index	0.08	(0.07)	0.32	0.31	(0.47)	1.27	0.62	(0.00)	(0.51)	0.03	(0.23)	1.00	2.37	0.33	1.12	0.11	0.80
	HFRI FOF: Strategic Index	3.33	1.36	1.41	0.95	(1.72)	2.10	0.07	(1.51)	(0.29)	1.08	1.19	2.19	10.52	6.21	1.30	(1.73)	4.53
Emerging Markets Indices		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
EM	HFRI Emerging Markets (Total) Index	4.05	1.70	1.50	0.67	(2.53)	3.04	(0.13)	(2.94)	0.97	1.91	(0.43)	3.61	11.76	7.41	1.10	(2.12)	5.14
	HFRI Emerging Markets: Asia ex-Japan Index	3.46	3.43	3.08	0.32	(4.76)	3.16	(1.07)	(2.11)	0.94	2.72	(0.72)	3.83	12.52	10.30	(1.44)	(2.25)	5.89
	HFRI Emerging Markets: China Index	6.10	5.15	3.34	0.85	(6.82)	4.41	(0.13)	(1.47)	(0.13)	3.10	(0.62)	5.48	20.14	15.28	(1.88)	(1.73)	8.07
	HFRI Emerging Markets: Global Index	3.43	0.64	0.29	0.43	(0.43)	1.96	0.39	(2.97)	0.94	1.13	0.07	2.36	8.42	4.40	1.95	(1.67)	3.60
	HFRI Emerging Markets: India Index	(5.56)	0.31	7.48	(2.02)	1.27	(1.15)	(5.95)	(3.26)	4.59	3.09	(0.53)	1.06	(1.52)	1.82	(1.91)	(4.84)	3.62
	HFRI Emerging Markets: Latin America Index	9.46	(2.23)	(1.57)	(0.14)	0.95	5.51	2.12	(8.05)	1.15	1.96	(1.44)	7.68	15.13	5.33	6.36	(5.02)	8.20
	HFRI Emerging Markets: MENA Index	2.19	1.32	0.81	2.81	(2.22)	1.25	(0.48)	(0.91)	1.18	(0.22)	0.55	0.69	7.07	4.37	1.79	(0.22)	1.01
	HFRI Emerging Markets: Russia/Eastern Europe Index	5.71	(0.21)	0.12	2.81	0.08	5.14	1.15	(3.32)	0.74	2.05	0.37	4.90	20.97	5.62	8.18	(1.48)	7.46
Regional Indices		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
Regional	HFRI Asia with Japan Index	2.82	0.99	0.55	0.72	(2.09)	0.95	(0.68)	(1.33)	0.21	0.51	(0.11)	1.68	4.21	4.41	(0.45)	(1.80)	2.09
	HFRI Japan Index	2.31	0.68	(0.19)	0.86	(1.55)	1.49	0.48	(1.15)	2.30	2.82	1.93	2.70	13.31	2.81	0.77	1.62	7.63
	HFRI North America Index	4.60	1.60	0.09	1.83	(2.27)	2.15	0.31	(1.12)	(0.01)	0.61	1.49	1.61	11.27	6.37	1.66	(0.82)	3.76
	HFRI Western/Pan Europe Index	1.49	0.75	0.53	0.62	0.63	0.93	0.89	(0.07)	(0.94)	0.95	0.58	2.17	8.83	2.80	2.19	(0.13)	3.74
	HFRI World Index	2.53	0.98	0.80	1.18	(1.54)	2.41	0.79	0.27	(0.83)	0.04	1.18	1.57	9.71	4.37	2.03	0.22	2.80
Thematic Indices		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019	Q1 '19	Q2 '19	Q3 '19	Q4 '19
Thematic	HFRI Credit Index	1.96	0.83	0.40	0.94	(0.20)	0.74	0.27	(0.54)	0.26	0.11	0.24	1.30	6.47	3.22	1.48	(0.01)	1.65
	HFRI Diversity Index	3.10	1.67	0.52	1.27	(2.45)	2.23	0.71	(1.55)	0.03	1.14	1.95	1.83	10.82	5.37	0.99	(0.82)	5.00
	HFRI Women Index	3.21	1.42	0.64	0.99	(2.68)	2.52	0.41	(1.12)	(0.04)	0.86	1.54	2.05	10.10	5.35	0.76	(0.76)	4.51



HFRI® Indices – 2018 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Major Market Indices		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
Barclays Capital Government/Credit Bond Index		(1.20)	(1.13)	0.68	(0.89)	0.75	(0.20)	0.08	0.68	(0.70)	(0.91)	0.50	1.95	(0.44)	(1.65)	(0.34)	0.06	1.52
S&P 500 w/ dividends		5.72	(3.69)	(2.54)	0.38	2.41	0.62	3.72	3.25	0.57	(6.83)	2.04	(9.03)	(4.39)	(0.76)	3.44	7.70	(13.52)
Fund of Funds Indices		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
FOF	HFRI Fund of Funds Composite Index	2.33	(1.53)	(0.49)	0.20	0.72	(0.46)	0.21	0.23	(0.20)	(2.92)	(0.44)	(1.65)	(4.02)	0.27	0.46	0.24	(4.94)
	HFRI FOF: Conservative Index	1.28	(0.76)	0.05	0.47	0.56	0.05	0.12	0.32	0.34	(1.52)	(0.89)	(0.87)	(0.87)	0.56	1.08	0.79	(3.24)
	HFRI FOF: Diversified Index	2.39	(1.78)	(0.49)	0.23	0.70	(0.23)	0.22	0.36	0.01	(2.59)	(0.55)	(1.52)	(3.29)	0.07	0.70	0.59	(4.60)
	HFRI FOF: Market Defensive Index	2.27	(2.03)	0.26	0.04	0.21	(0.87)	0.01	0.99	0.26	(2.23)	(1.22)	1.06	(1.35)	0.45	(0.63)	1.26	(2.41)
	HFRI FOF: Strategic Index	2.74	(1.45)	(0.83)	0.07	0.86	(0.93)	0.25	(0.08)	(0.78)	(4.06)	0.01	(2.52)	(6.67)	0.41	(0.00)	(0.62)	(6.47)
Emerging Markets Indices		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
EM	HFRI Emerging Markets (Total) Index	3.92	(1.96)	(0.86)	(0.75)	(0.98)	(3.01)	0.36	(2.75)	(1.22)	(3.94)	1.34	(1.46)	(10.94)	1.01	(4.68)	(3.59)	(4.07)
	HFRI Emerging Markets: Asia ex-Japan Index	4.39	(3.07)	(1.65)	(0.92)	0.79	(4.98)	(0.92)	(2.71)	(2.34)	(7.38)	3.58	(2.17)	(16.57)	(0.49)	(5.11)	(5.85)	(6.14)
	HFRI Emerging Markets: China Index	5.84	(3.23)	(1.55)	(1.62)	3.47	(5.25)	(2.18)	(4.18)	(1.25)	(8.47)	3.30	(3.22)	(17.63)	0.84	(3.56)	(7.44)	(8.49)
	HFRI Emerging Markets: Global Index	2.50	(1.68)	(0.49)	(0.58)	(1.23)	(1.18)	1.26	(2.14)	(0.29)	(1.64)	(0.49)	(1.01)	(6.83)	0.28	(2.96)	(1.19)	(3.11)
	HFRI Emerging Markets: India Index	(0.89)	(4.53)	(3.49)	3.45	(4.79)	(5.49)	2.57	(0.14)	(11.62)	(3.63)	7.95	0.87	(19.25)	(8.68)	(6.92)	(9.47)	4.93
	HFRI Emerging Markets: Latin America Index	4.78	(1.83)	(0.46)	(1.75)	(6.28)	(3.81)	4.51	(5.70)	0.75	3.57	0.28	(0.46)	(6.90)	2.39	(11.42)	(0.71)	3.38
	HFRI Emerging Markets: MENA Index	3.38	1.41	1.83	1.57	(2.82)	0.07	(0.61)	(1.27)	(3.31)	(3.26)	(0.97)	(0.24)	(4.36)	6.77	(1.22)	(5.12)	(4.43)
	HFRI Emerging Markets: Russia/Eastern Europe Index	6.20	(0.71)	(1.43)	(2.03)	(1.80)	(0.28)	1.06	(3.43)	2.79	(2.18)	(0.51)	(1.85)	(4.46)	3.93	(4.06)	0.32	(4.49)
Regional Indices		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
Regional	HFRI Asia with Japan Index	1.67	(0.45)	(0.80)	(0.72)	(0.04)	(2.00)	(0.48)	(1.26)	(0.56)	(1.84)	(0.21)	(1.48)	(7.92)	0.40	(2.74)	(2.28)	(3.49)
	HFRI Japan Index	1.92	(1.22)	(1.23)	0.00	(0.06)	(0.92)	(0.20)	0.23	0.70	(1.30)	0.01	(3.46)	(5.49)	(0.56)	(0.98)	0.73	(4.71)
	HFRI North America Index	1.82	(1.48)	(0.42)	0.82	1.87	0.21	0.72	1.18	(0.21)	(3.59)	(0.53)	(4.23)	(3.99)	(0.11)	2.91	1.70	(8.16)
	HFRI Western/Pan Europe Index	1.70	(0.41)	0.21	0.91	1.33	0.53	0.41	0.40	0.60	(2.29)	(1.65)	(0.29)	1.38	1.50	2.79	1.41	(4.18)
	HFRI World Index	2.40	(2.32)	(0.51)	0.40	0.59	(0.11)	0.32	0.57	(0.13)	(2.84)	(0.64)	(1.46)	(3.78)	(0.49)	0.88	0.76	(4.88)
Thematic Indices		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	2018	Q1 '18	Q2 '18	Q3 '18	Q4 '18
Thematic	HFRI Credit Index	1.10	(0.04)	(0.17)	0.48	0.17	0.24	0.62	(0.00)	0.55	(0.88)	(0.73)	(1.36)	(0.04)	0.89	0.89	1.17	(2.94)
	HFRI Diversity Index	2.40	(1.38)	(0.61)	0.67	1.61	(0.13)	0.78	1.26	(0.39)	(3.28)	0.71	(3.10)	(1.64)	0.36	2.16	1.64	(5.62)
	HFRI Women Index	2.71	(1.72)	(0.66)	0.04	1.36	(0.84)	0.06	0.94	(0.46)	(3.77)	(0.03)	(2.61)	(5.04)	0.27	0.55	0.53	(6.32)

HFRI® Indices – 2017 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
FOF	HFRI Fund of Funds Composite Index	1.01	0.90	0.45	0.51	0.32	(0.02)	1.02	0.83	0.44	1.15	(0.02)	0.92	7.77	2.38	0.81	2.31	2.07
	HFRI FOF: Conservative Index	0.55	0.38	0.27	0.45	0.08	(0.15)	0.46	0.49	0.37	0.80	(0.18)	0.53	4.12	1.21	0.37	1.32	1.16
	HFRI FOF: Diversified Index	0.75	0.87	0.26	0.40	0.24	(0.26)	0.90	0.96	0.51	1.23	(0.07)	0.88	6.87	1.90	0.38	2.38	2.05
	HFRI FOF: Market Defensive Index	(0.47)	0.24	(0.42)	0.11	0.17	(0.77)	0.50	1.08	(0.69)	1.94	(0.46)	0.59	1.81	(0.65)	(0.50)	0.90	2.07
	HFRI FOF: Strategic Index	1.68	1.21	0.86	0.72	0.56	0.44	1.47	0.76	0.52	1.11	0.19	1.18	11.22	3.80	1.73	2.77	2.49
Emerging Markets Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
EM	HFRI Emerging Markets (Total) Index	3.03	1.58	1.63	1.28	0.54	1.07	2.38	1.78	0.75	1.50	0.55	1.76	19.36	6.37	2.92	4.99	3.85
	HFRI Emerging Markets: Asia ex-Japan Index	3.41	2.73	2.65	1.52	1.57	2.25	2.92	1.33	1.15	3.01	1.19	2.27	29.27	9.04	5.43	5.49	6.60
	HFRI Emerging Markets: China Index	3.48	2.62	2.69	1.02	1.68	2.97	3.11	1.82	1.93	3.60	0.41	2.11	31.11	9.04	5.77	7.02	6.22
	HFRI Emerging Markets: Global Index	1.80	1.09	1.70	1.20	0.34	0.31	1.35	1.29	0.51	0.91	0.00	1.35	12.50	4.65	1.87	3.18	2.27
	HFRI Emerging Markets: India Index	4.40	4.64	5.33	4.01	0.57	0.42	3.49	0.52	(1.96)	3.66	2.18	4.93	37.00	15.06	5.04	1.99	11.14
	HFRI Emerging Markets: Latin America Index	5.20	2.55	(0.37)	0.99	(1.97)	(0.62)	4.16	3.06	2.66	(0.85)	(1.42)	2.05	16.23	7.49	(1.62)	10.20	(0.26)
	HFRI Emerging Markets: MENA Index	1.87	0.35	0.11	1.12	1.55	2.77	0.97	1.47	(3.51)	0.30	1.05	1.14	9.45	2.34	5.53	(1.14)	2.52
	HFRI Emerging Markets: Russia/Eastern Europe Index	3.24	(2.23)	1.00	0.89	(1.47)	(1.67)	2.09	4.09	1.97	(0.14)	0.75	0.78	9.50	1.95	(2.24)	8.36	1.40
Regional Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
Regional	HFRI Asia with Japan Index	1.51	0.99	0.55	0.52	0.40	0.67	1.35	0.68	0.65	1.70	(0.03)	1.05	10.50	3.08	1.60	2.71	2.73
	HFRI Japan Index	1.38	1.48	0.72	(0.18)	1.87	1.31	1.37	1.12	1.76	1.97	1.02	1.74	16.71	3.62	3.03	4.31	4.80
	HFRI North America Index	1.28	0.78	0.29	0.42	(0.19)	0.50	0.85	(0.15)	1.46	0.37	0.92	1.04	7.84	2.37	0.74	2.18	2.35
	HFRI Western/Pan Europe Index	1.07	0.59	0.78	1.05	1.14	0.20	0.62	0.32	0.49	1.22	(0.44)	0.47	7.76	2.46	2.40	1.43	1.26
	HFRI World Index	0.54	0.80	0.02	0.38	0.28	(0.19)	0.86	0.67	(0.20)	1.38	0.09	0.89	5.66	1.36	0.48	1.34	2.38
Thematic Indices		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	2017	Q1 '17	Q2 '17	Q3 '17	Q4 '17
Thematic	HFRI Credit Index	1.26	0.75	0.28	0.51	0.19	0.27	0.71	0.20	0.25	0.49	0.13	0.79	5.98	2.31	0.97	1.16	1.42
	HFRI Diversity Index	1.52	1.25	0.57	0.72	0.30	0.21	1.05	0.24	0.67	0.71	0.10	0.74	8.37	3.37	1.24	1.97	1.55
	HFRI Women Index	2.15	0.67	0.75	0.58	0.29	0.34	1.20	0.26	1.07	1.21	0.20	0.52	9.63	3.61	1.22	2.55	1.94



HFRI® Indices – 2016 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
FOF	HFRI Fund of Funds Composite Index	(2.66)	(1.20)	0.73	0.52	0.50	(0.47)	1.51	0.44	0.33	(0.28)	0.26	0.89	0.51
	HFRI FOF: Conservative Index	(1.37)	(0.88)	0.16	0.41	0.57	(0.46)	0.93	0.51	0.39	0.26	0.57	0.80	1.89
	HFRI FOF: Diversified Index	(1.98)	(1.07)	0.19	0.41	0.46	(0.41)	1.37	0.29	0.10	(0.36)	0.37	1.11	0.45
	HFRI FOF: Market Defensive Index	1.40	1.52	(1.67)	(0.12)	(0.87)	0.90	0.50	(1.09)	0.08	(0.59)	0.25	0.77	1.04
	HFRI FOF: Strategic Index	(4.49)	(1.78)	1.99	0.78	0.65	(0.66)	2.00	0.74	0.65	(0.37)	(0.03)	0.64	(0.05)
Emerging Markets Indices		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
EM	HFRI Emerging Markets (Total) Index	(5.42)	(0.25)	5.60	1.76	(0.38)	1.73	2.70	1.53	0.76	0.78	(1.81)	0.20	7.05
	HFRI Emerging Markets: Asia ex-Japan Index	(8.20)	(1.58)	6.77	0.83	(0.13)	0.89	3.51	2.27	0.71	(0.55)	(1.87)	(1.89)	0.04
	HFRI Emerging Markets: China Index	(9.91)	(1.29)	5.98	0.15	(0.99)	0.01	2.98	2.95	1.19	(0.88)	(0.75)	(2.89)	(4.21)
	HFRI Emerging Markets: Global Index	(2.58)	(0.16)	2.94	1.29	0.15	2.09	1.74	0.85	0.77	0.44	(1.08)	0.76	7.33
	HFRI Emerging Markets: India Index	(8.63)	(9.03)	11.65	2.73	0.85	2.94	4.55	1.56	1.14	2.59	(7.60)	(0.83)	(0.08)
	HFRI Emerging Markets: Latin America Index	(2.91)	2.59	9.89	4.55	(3.53)	7.63	4.69	0.78	0.93	5.68	(5.98)	1.14	27.15
	HFRI Emerging Markets: MENA Index	(6.52)	(0.24)	1.39	1.69	0.90	(3.19)	(0.47)	0.34	(0.38)	1.57	(0.21)	1.52	(3.84)
	HFRI Emerging Markets: Russia/Eastern Europe Index	(2.50)	2.19	6.97	4.33	(0.23)	1.22	2.07	2.28	1.98	0.17	0.72	5.29	27.01
Regional Indices		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
Regional	HFRI Asia with Japan Index	(3.17)	(1.22)	2.66	0.79	0.09	(0.24)	2.29	1.01	0.78	0.36	(0.36)	(0.16)	2.75
	HFRI Japan Index	(3.22)	(3.18)	2.86	(0.30)	0.69	(2.42)	1.28	(0.59)	1.13	1.99	1.51	0.74	0.26
	HFRI North America Index	(3.26)	(0.19)	2.64	1.59	0.96	(0.08)	1.98	1.05	0.92	(0.71)	2.40	1.28	8.76
	HFRI Western/Pan Europe Index	(2.28)	(1.42)	(0.09)	(0.67)	1.28	(2.20)	1.22	0.40	0.54	(0.91)	(0.60)	1.51	(3.27)
	HFRI World Index	(0.98)	0.52	0.55	0.47	(0.07)	0.86	1.61	(0.51)	0.33	(1.06)	0.16	1.03	2.92
Thematic Indices		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	2016
Thematic	HFRI Credit Index	(1.75)	(0.71)	1.91	1.56	0.84	0.21	1.65	1.14	0.82	0.69	0.59	1.34	8.55
	HFRI Diversity Index	(2.68)	(0.05)	2.05	0.53	0.78	(0.06)	1.50	0.56	0.95	(0.07)	0.85	1.21	5.62
	HFRI Women Index	(3.87)	(1.05)	1.61	0.90	0.45	0.17	1.68	0.66	0.67	(0.73)	0.97	0.83	2.18

HFRI® Indices – 2015 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
FOF	HFRI Fund of Funds Composite Index	0.13	1.69	0.66	0.25	1.00	(1.04)	0.19	(2.00)	(1.83)	0.85	0.30	(0.42)	(0.27)
	HFRI FOF: Conservative Index	(0.03)	1.30	0.64	0.19	0.67	(0.58)	0.36	(0.97)	(1.19)	0.30	0.15	(0.45)	0.37
	HFRI FOF: Diversified Index	0.17	1.83	0.60	(0.02)	0.94	(1.10)	0.49	(1.68)	(1.76)	0.66	0.45	(0.69)	(0.17)
	HFRI FOF: Market Defensive Index	1.86	(0.20)	0.43	(1.93)	0.17	(2.19)	1.29	(0.84)	0.20	(0.88)	1.88	(0.66)	(0.98)
	HFRI FOF: Strategic Index	(0.04)	1.89	0.76	0.92	1.35	(1.02)	(0.39)	(2.99)	(2.40)	1.56	(0.03)	(0.03)	(0.54)
Emerging Markets Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
EM	HFRI Emerging Markets (Total) Index	(1.01)	1.78	0.20	5.64	(0.00)	(1.76)	(3.42)	(5.12)	(1.38)	3.28	(0.58)	(0.53)	(3.28)
	HFRI Emerging Markets: Asia ex-Japan Index	0.60	1.19	1.66	8.37	1.40	(2.67)	(5.42)	(6.77)	(0.53)	4.45	(0.36)	0.45	1.50
	HFRI Emerging Markets: China Index	0.02	1.35	3.74	14.14	2.52	(3.85)	(8.57)	(7.79)	(0.14)	5.72	0.09	0.75	6.20
	HFRI Emerging Markets: Global Index	(0.71)	1.51	(0.50)	2.41	(0.06)	(1.45)	(1.15)	(2.94)	(1.60)	2.20	(0.22)	(0.88)	(3.47)
	HFRI Emerging Markets: India Index	5.67	1.70	(3.18)	(3.54)	1.80	(2.05)	5.11	(5.76)	1.25	2.00	0.59	1.40	4.39
	HFRI Emerging Markets: Latin America Index	(3.95)	0.39	(2.90)	4.54	(3.86)	(0.56)	(4.14)	(7.11)	(4.80)	3.15	(0.85)	(2.47)	(20.89)
	HFRI Emerging Markets: MENA Index	(2.10)	(0.60)	1.03	2.24	0.83	0.20	(2.40)	(3.62)	0.16	(0.39)	(3.31)	0.83	(7.08)
	HFRI Emerging Markets: Russia/Eastern Europe Index	(2.99)	8.20	0.20	7.90	(0.93)	(2.37)	(1.18)	(2.82)	(1.72)	4.97	0.42	(3.38)	5.49
Regional Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
Regional	HFRI Asia with Japan Index	0.10	0.28	1.24	4.16	1.04	(1.93)	(1.52)	(1.82)	(0.71)	2.13	(0.02)	(0.16)	2.65
	HFRI Japan Index	(0.78)	2.74	0.93	3.55	2.27	0.09	0.31	(2.04)	(2.34)	2.64	1.05	0.26	8.83
	HFRI North America Index	(0.94)	2.56	0.21	0.33	0.75	(0.61)	(0.67)	(2.21)	(1.98)	2.03	(0.15)	(1.63)	(2.40)
	HFRI Western/Pan Europe Index	0.93	2.01	0.99	(0.52)	1.47	(0.84)	1.56	(0.70)	(0.21)	0.58	0.68	0.61	6.72
	HFRI World Index	1.20	1.26	0.45	(0.20)	0.44	(1.74)	0.48	(1.87)	(0.90)	0.96	0.64	(1.17)	(0.52)
Thematic Indices		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
Thematic	HFRI Credit Index	(0.30)	1.53	0.36	1.04	0.44	(0.83)	(0.33)	(1.17)	(1.10)	0.62	(0.33)	(0.91)	(1.02)
	HFRI Diversity Index	(0.22)	2.17	0.81	0.34	0.48	(1.12)	0.54	(3.19)	(1.61)	2.36	(0.39)	(0.59)	(0.56)
	HFRI Women Index	(0.13)	1.70	0.40	1.53	0.68	(1.42)	(1.26)	(2.27)	(1.53)	1.97	(0.16)	(0.99)	(1.57)

HFRI® Indices – 2014 Monthly Performance

Fund of Funds, Regional & Thematic Indices

Fund of Funds Indices		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
FOF	HFRI Fund of Funds Composite Index	(0.39)	1.62	(0.65)	(0.63)	1.18	0.99	(0.36)	0.83	(0.19)	(0.62)	1.22	0.36	3.37
	HFRI FOF: Conservative Index	0.33	1.24	(0.26)	(0.20)	0.79	0.70	(0.17)	0.34	0.08	(0.90)	0.74	0.42	3.14
	HFRI FOF: Diversified Index	(0.47)	1.57	(0.61)	(0.68)	1.19	1.01	(0.43)	0.81	(0.02)	(0.60)	1.37	0.27	3.42
	HFRI FOF: Market Defensive Index	(0.74)	0.70	(1.25)	(0.32)	0.72	0.95	(0.02)	1.56	1.83	(1.27)	2.98	1.16	6.39
	HFRI FOF: Strategic Index	(0.51)	1.96	(0.78)	(0.77)	1.38	1.09	(0.38)	0.96	(0.81)	(0.47)	1.02	0.39	3.08
Emerging Markets Indices		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
EM	HFRI Emerging Markets (Total) Index	(2.51)	1.95	(0.16)	(0.03)	2.13	1.37	0.56	0.80	(2.43)	(0.90)	(0.80)	(2.42)	(2.56)
	HFRI Emerging Markets: Asia ex-Japan Index	(1.29)	2.40	(0.63)	(0.98)	2.13	1.82	2.57	1.12	(1.26)	0.73	0.68	0.17	7.61
	HFRI Emerging Markets: China Index	(1.83)	2.11	(2.97)	(2.14)	1.20	1.96	3.53	0.74	(1.37)	1.41	1.21	1.95	5.72
	HFRI Emerging Markets: Global Index	(1.98)	2.13	0.14	0.41	2.01	0.62	0.17	(0.11)	(1.62)	(0.55)	(0.82)	(2.72)	(2.41)
	HFRI Emerging Markets: India Index	(2.68)	2.79	8.62	2.13	12.58	5.64	0.20	1.96	1.63	2.92	1.05	0.16	42.74
	HFRI Emerging Markets: Latin America Index	(5.38)	1.58	2.27	1.27	0.68	1.77	(1.41)	2.74	(6.73)	(0.23)	(1.45)	(4.19)	(9.22)
	HFRI Emerging Markets: MENA Index	1.45	2.66	0.26	1.56	1.42	(1.16)	1.49	3.02	(0.34)	(4.19)	(1.70)	(2.40)	1.81
	HFRI Emerging Markets: Russia/Eastern Europe Index	(5.25)	0.37	(3.25)	(0.92)	4.89	3.10	(3.07)	(2.08)	(3.51)	(6.00)	(4.27)	(8.74)	(25.86)
Regional Indices		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
Regional	HFRI Asia with Japan Index	(0.35)	0.44	(1.14)	(0.97)	0.50	1.04	0.75	0.46	0.10	(0.63)	0.82	0.35	1.35
	HFRI Japan Index	(1.35)	(1.47)	(1.31)	(0.86)	1.45	3.71	1.42	0.09	0.52	(1.21)	1.92	0.65	3.46
	HFRI North America Index	0.08	2.37	0.07	(0.08)	0.67	1.50	(1.23)	1.43	(1.53)	(0.27)	0.54	0.07	3.62
	HFRI Western/Pan Europe Index	0.41	2.20	(0.86)	(1.30)	0.46	0.02	(1.02)	0.50	0.29	(0.76)	1.18	0.64	1.73
	HFRI World Index	(0.54)	1.73	(0.60)	(0.24)	0.79	1.12	(0.56)	1.40	0.10	(0.25)	1.59	0.11	4.72
Thematic Indices		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
Thematic	HFRI Credit Index	0.62	1.28	0.32	0.46	0.79	0.94	(0.05)	0.26	(0.60)	(0.72)	0.16	(0.46)	3.00
	HFRI Diversity Index	(1.26)	1.94	0.61	(0.22)	1.52	1.25	(0.94)	1.11	(1.23)	0.27	0.56	(0.38)	3.21
	HFRI Women Index	(0.71)	1.79	(0.30)	(0.72)	1.52	1.41	(0.76)	1.44	(1.29)	(0.00)	0.67	(0.11)	2.90

HFRI® Indices – 2013 Monthly Performance

Fund of Funds, Regional & Thematic Indices

	Fund of Funds Indices	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
FOF	HFRI Fund of Funds Composite Index	2.13	0.28	0.89	0.82	0.63	(1.39)	1.01	(0.71)	1.37	1.26	1.06	1.31	8.96
	HFRI FOF: Conservative Index	1.64	0.35	0.76	0.74	0.74	(0.67)	0.59	(0.23)	0.88	1.01	0.81	0.84	7.70
	HFRI FOF: Diversified Index	2.05	0.26	0.93	0.86	0.62	(1.31)	0.92	(0.70)	1.21	1.21	1.16	1.52	9.04
	HFRI FOF: Market Defensive Index	1.13	(0.23)	0.57	0.52	(0.80)	(1.48)	(0.19)	(0.82)	(0.17)	0.79	0.78	0.47	0.54
	HFRI FOF: Strategic Index	2.55	0.34	0.93	0.85	0.82	(1.78)	1.47	(0.91)	1.98	1.50	1.07	1.31	10.53
	Emerging Markets Indices	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
EM	HFRI Emerging Markets (Total) Index	3.38	(0.09)	(0.77)	0.72	0.17	(4.06)	0.73	(1.40)	3.36	2.94	0.17	0.42	5.47
	HFRI Emerging Markets: Asia ex-Japan Index	4.45	(0.40)	(0.80)	1.77	1.64	(5.85)	0.18	(1.32)	4.31	4.58	1.65	0.29	10.50
	HFRI Emerging Markets: China Index	5.88	(0.04)	(1.56)	0.82	3.58	(6.00)	1.96	1.56	2.44	2.41	3.18	0.46	15.16
	HFRI Emerging Markets: Global Index	2.78	(0.33)	(0.52)	0.70	0.26	(2.58)	0.64	(1.62)	2.03	1.92	0.08	0.38	3.67
	HFRI Emerging Markets: India Index	2.57	(7.47)	(1.01)	4.72	(2.57)	(7.23)	(3.94)	(12.51)	10.49	8.88	(0.03)	3.88	(6.63)
	HFRI Emerging Markets: Latin America Index	2.50	(0.01)	(0.80)	0.03	(3.38)	(5.32)	0.17	(1.81)	3.55	1.71	(2.25)	(1.06)	(6.79)
	HFRI Emerging Markets: MENA Index	3.14	0.97	1.14	0.68	3.41	(1.07)	3.51	(0.90)	1.89	2.50	1.84	2.92	21.82
	HFRI Emerging Markets: Russia/Eastern Europe Index	3.22	0.35	(1.93)	(0.78)	(0.97)	(2.72)	1.82	(0.83)	4.00	2.47	(1.38)	1.34	4.42
	Regional Indices	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
Regional	HFRI Asia with Japan Index	3.60	1.45	0.77	2.42	0.20	(1.91)	0.41	(0.35)	1.13	0.99	1.05	0.76	10.93
	HFRI Japan Index	4.89	1.73	4.99	7.31	(1.15)	(0.44)	1.30	(1.42)	4.05	1.21	1.50	2.64	29.64
	HFRI North America Index	2.47	0.22	1.42	0.11	1.17	(0.76)	1.99	(0.32)	1.60	1.30	1.07	1.34	12.19
	HFRI Western/Pan Europe Index	2.74	1.07	0.89	0.30	1.45	(0.67)	2.15	(0.39)	1.55	2.17	1.22	1.17	14.47
	HFRI World Index	2.00	(0.20)	0.97	0.85	(0.17)	(1.28)	0.71	(0.90)	0.84	1.14	0.90	0.94	5.92
	Thematic Indices	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013
Thematic	HFRI Credit Index	1.95	0.42	0.92	1.14	0.91	(1.26)	0.74	(0.03)	1.07	1.28	0.68	0.82	8.96
	HFRI Diversity Index	1.94	0.02	0.89	0.64	0.13	(1.14)	1.67	(0.64)	2.07	1.61	1.17	0.91	9.60
	HFRI Women Index	2.80	0.11	1.01	0.69	0.94	(1.22)	1.71	(0.59)	1.47	1.66	1.42	1.08	11.60

HFRI® Indices – Quarterly Performance

Composite & Single-Manager Strategy Indices

Q1 2014 – Q4 2016

HFRI Composite Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
HFRI Fund Weighted Composite Index	1.12	2.02	(0.31)	0.15	2.98	2.21	0.30	(4.23)	0.71	(1.12)	(0.60)	1.81	2.98	1.17	5.44
HFRI Asset Weighted Composite Index	1.02	2.19	0.32	0.90	4.49	3.25	(0.61)	(3.06)	0.47	(0.06)	(2.15)	0.73	2.17	2.12	2.83
Single-Manager Strategy Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
HFRI Equity Hedge (Total) Index	1.11	2.11	(1.36)	(0.04)	1.81	1.97	1.84	(6.26)	1.74	(0.97)	(1.77)	1.38	4.59	1.26	5.47
HFRI Equity Hedge (Total) Index - Asset Weighted	0.23	1.92	(0.49)	1.04	2.72	2.32	1.97	(5.35)	2.64	1.37	(3.31)	0.50	4.18	0.93	2.18
HFRI EH: Equity Market Neutral Index	1.22	0.45	0.19	1.17	3.06	1.57	0.52	0.99	1.12	4.27	0.51	(0.37)	0.54	1.54	2.23
HFRI EH: Fundamental Growth Index	0.55	2.78	(1.30)	(2.15)	(0.19)	1.75	2.60	(8.85)	2.12	(2.83)	(1.86)	2.03	4.69	(0.63)	4.16
HFRI EH: Fundamental Value Index	0.69	2.13	(1.74)	0.85	1.91	1.64	1.99	(6.56)	1.69	(1.51)	(2.13)	0.52	5.33	3.51	7.26
HFRI EH: Multi-Strategy Index	0.38	2.29	(1.28)	1.00	2.38	3.75	0.32	(5.69)	1.58	(0.28)	(0.79)	0.63	3.81	1.39	5.08
HFRI EH: Quantitative Directional Index	0.56	2.31	(0.49)	1.77	4.19	1.59	0.38	(2.41)	1.84	1.36	0.57	0.29	1.62	2.19	4.73
HFRI EH: Sector - Energy/Basic Materials Index	5.14	6.23	(6.52)	(10.49)	(6.54)	0.26	0.09	(12.46)	(1.77)	(13.71)	2.58	8.07	8.18	(0.94)	18.80
HFRI EH: Sector - Healthcare Index	9.79	(0.77)	1.28	8.44	19.64	8.09	2.52	(8.08)	0.87	2.75	(11.28)	5.44	10.46	(4.67)	(1.49)
HFRI EH: Sector - Technology Index	(0.84)	(0.53)	(0.80)	2.68	0.46	2.23	3.76	(3.78)	5.13	7.30	(3.80)	2.04	5.11	(0.43)	2.74
HFRI EH: Sector - Technology/Healthcare (Total) Index	4.34	(0.65)	0.17	5.36	9.40	5.07	3.18	(5.61)	3.22	5.62	(7.59)	3.80	7.69	(2.44)	0.78
HFRI EH: Short Bias Index	(1.30)	(1.81)	1.34	(2.15)	(3.89)	(2.19)	(1.43)	3.11	(0.99)	(1.58)	7.06	1.26	(5.33)	(1.38)	1.22
HFRI Event-Driven (Total) Index	1.98	2.31	(1.72)	(1.43)	1.08	1.81	0.60	(5.46)	(0.39)	(3.55)	(0.71)	2.92	4.50	3.55	10.57
HFRI Event-Driven (Total) Index - Asset Weighted	3.14	3.07	(0.73)	(0.20)	5.33	2.30	0.17	(6.90)	(0.36)	(4.94)	(4.74)	2.81	3.60	3.74	5.26
HFRI ED: Activist Index	0.67	2.26	0.83	2.67	6.57	3.58	1.60	(8.37)	4.89	1.15	(1.59)	0.37	6.30	5.13	10.38
HFRI ED: Credit Arbitrage Index	2.50	1.32	0.49	(0.39)	3.95	0.54	0.98	(3.63)	(3.15)	(5.24)	(0.34)	3.89	4.93	2.56	11.42
HFRI ED: Distressed/Restructuring Index	2.86	2.52	(2.77)	(3.82)	(1.39)	0.80	(0.27)	(5.44)	(3.28)	(8.06)	(1.62)	5.16	5.39	5.60	15.15
HFRI ED: Merger Arbitrage Index	0.65	1.26	(0.21)	(0.02)	1.69	2.12	0.95	(1.82)	2.08	3.32	0.71	(0.60)	2.03	1.45	3.63
HFRI ED: Multi-Strategy Index	0.91	2.39	(1.63)	(0.36)	1.27	2.60	(0.22)	(3.80)	0.53	(1.00)	(0.95)	0.83	2.97	3.21	6.14
HFRI ED: Special Situations Index	2.12	2.57	(2.31)	(1.49)	0.80	2.16	1.28	(7.48)	0.20	(4.07)	(0.43)	3.71	5.25	2.92	11.86
HFRI Macro (Total) Index	(0.33)	1.33	2.19	2.29	5.58	3.29	(3.52)	(0.77)	(0.14)	(1.26)	1.55	1.19	(1.04)	(0.65)	1.03
HFRI Macro (Total) Index - Asset Weighted	(0.52)	2.19	1.20	2.28	5.22	5.35	(3.84)	(0.51)	(0.11)	0.67	(0.49)	(0.81)	(0.10)	2.15	0.73
HFRI Macro: Active Trading Index	0.64	2.54	1.90	2.95	8.27	3.36	(3.98)	(1.30)	1.10	(0.97)	1.27	2.55	0.02	0.58	4.47
HFRI Macro: Commodity Index	2.40	1.09	0.24	(0.22)	3.54	1.03	(0.89)	(1.93)	0.25	(1.55)	1.91	2.55	0.82	(0.96)	4.37
HFRI Macro: Currency Index	(0.03)	(0.72)	2.31	(0.53)	1.00	3.32	(1.55)	(0.95)	0.28	1.04	1.16	0.48	0.11	1.07	2.84
HFRI Macro: Discretionary Thematic Index	(0.17)	0.97	(1.11)	(1.23)	(1.54)	1.98	(0.05)	(1.50)	0.20	0.59	(1.68)	0.45	(0.26)	1.54	0.03
HFRI Macro: Multi-Strategy Index	(1.19)	1.41	2.79	1.60	4.65	2.72	(3.08)	(1.79)	1.14	(1.10)	0.60	1.55	0.24	0.96	3.39
HFRI Macro: Systematic Diversified Index	(1.60)	1.78	4.59	5.71	10.73	4.79	(6.17)	0.34	(1.09)	(2.41)	3.04	0.84	(2.72)	(2.42)	(1.37)
HFRI Relative Value (Total) Index	2.33	2.41	0.16	(0.90)	4.02	1.81	0.79	(2.59)	(0.25)	(0.29)	(0.34)	3.02	2.96	1.86	7.67
HFRI Relative Value (Total) Index - Asset Weighted	2.35	1.86	0.84	(0.23)	4.90	2.12	0.79	(1.44)	(0.41)	1.03	(1.58)	2.06	2.80	2.22	5.54
HFRI RV: Fixed Income-Asset Backed Index	3.28	2.69	1.93	0.53	8.69	1.34	1.31	(0.39)	(0.19)	2.07	(2.04)	1.89	3.16	2.04	5.07
HFRI RV: Fixed Income-Convertible Arbitrage Index	2.25	1.15	(1.19)	(0.64)	1.55	2.01	1.39	(1.71)	0.26	1.92	(0.43)	2.79	3.50	2.05	8.10
HFRI RV: Fixed Income-Corporate Index	2.13	2.54	(1.01)	(2.33)	1.24	1.53	0.45	(3.12)	(0.59)	(1.78)	0.90	3.54	4.05	2.59	11.52
HFRI RV: Fixed Income-Sovereign Index	1.70	1.72	(0.46)	(1.77)	1.16	1.58	0.39	(2.03)	0.86	0.77	2.03	2.52	1.68	0.08	6.45
HFRI RV: Multi-Strategy Index	1.41	1.78	0.28	(0.09)	3.40	2.02	0.75	(2.25)	0.18	0.65	0.26	1.50	2.89	1.59	6.36
HFRI RV: Volatility Index	2.63	1.87	0.44	(1.59)	3.34	3.72	1.91	(0.33)	0.87	6.27	(0.59)	2.16	1.01	1.64	4.27
HFRI RV: Yield Alternatives Index	3.96	7.23	0.23	(2.32)	9.13	0.99	(1.35)	(12.73)	(3.92)	(16.47)	(1.47)	12.13	3.75	2.40	17.38
Major Market Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
Barclays Capital Government/Credit Bond Index	2.08	2.02	0.18	1.91	6.32	1.93	(2.20)	1.25	(0.78)	0.15	3.63	2.79	0.42	(3.54)	3.19
S&P 500 w/ dividends	1.80	5.22	1.13	4.92	13.65	0.95	0.28	(6.43)	7.03	1.38	1.34	2.45	3.85	3.81	11.93



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HFRI® Indices – Quarterly Performance

Fund of Funds, Regional & Thematic Indices

Q1 2014 – Q4 2016

	Fund of Funds Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
FOF	HFRI Fund of Funds Composite Index	0.56	1.54	0.28	0.95	3.37	2.50	0.21	(3.60)	0.73	(0.27)	(3.12)	0.56	2.29	0.86	0.51
	HFRI FOF: Conservative Index	1.30	1.30	0.25	0.25	3.14	1.92	0.28	(1.80)	0.00	0.37	(2.08)	0.52	1.84	1.64	1.89
	HFRI FOF: Diversified Index	0.48	1.52	0.36	1.02	3.42	2.63	(0.19)	(2.94)	0.42	(0.17)	(2.85)	0.46	1.77	1.12	0.45
	HFRI FOF: Market Defensive Index	(1.29)	1.35	3.40	2.85	6.39	2.09	(3.92)	0.64	0.31	(0.98)	1.22	(0.10)	(0.51)	0.43	1.04
	HFRI FOF: Strategic Index	0.65	1.70	(0.24)	0.94	3.08	2.62	1.24	(5.69)	1.50	(0.54)	(4.32)	0.76	3.42	0.24	(0.05)
	Emerging Markets Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
EM	HFRI Emerging Markets (Total) Index	(0.76)	3.49	(1.10)	(4.07)	(2.56)	0.96	3.78	(9.62)	2.14	(3.28)	(0.37)	3.13	5.07	(0.84)	7.05
	HFRI Emerging Markets: Asia ex-Japan Index	0.45	2.96	2.42	1.59	7.61	3.50	6.95	(12.29)	4.54	1.50	(3.53)	1.60	6.61	(4.26)	0.04
	HFRI Emerging Markets: China Index	(2.74)	0.98	2.86	4.65	5.72	5.17	12.51	(15.81)	6.61	6.20	(5.75)	(0.83)	7.27	(4.46)	(4.21)
	HFRI Emerging Markets: Global Index	0.25	3.07	(1.56)	(4.05)	(2.41)	0.28	0.86	(5.59)	1.08	(3.47)	0.12	3.56	3.40	0.11	7.33
	HFRI Emerging Markets: India Index	8.66	21.45	3.82	4.17	42.74	4.05	(3.83)	0.28	4.03	4.39	(7.20)	6.65	7.40	(5.99)	(0.08)
	HFRI Emerging Markets: Latin America Index	(1.70)	3.77	(5.52)	(5.80)	(9.22)	(6.38)	(0.06)	(15.24)	(0.25)	(20.89)	9.45	8.56	6.49	0.49	27.15
	HFRI Emerging Markets: MENA Index	4.42	1.80	4.19	(8.08)	1.81	(1.69)	3.30	(5.78)	(2.89)	(7.08)	(5.45)	(0.67)	(0.51)	2.91	(3.84)
	HFRI Emerging Markets: Russia/Eastern Europe Index	(7.99)	7.15	(8.42)	(17.89)	(25.86)	5.17	4.36	(5.63)	1.85	5.49	6.59	5.36	6.47	6.23	27.01
	Regional Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
Regional	HFRI Asia with Japan Index	(1.06)	0.55	1.32	0.54	1.35	1.62	3.22	(4.00)	1.94	2.65	(1.81)	0.64	4.14	(0.16)	2.75
	HFRI Japan Index	(4.08)	4.31	2.04	1.34	3.46	2.89	5.99	(4.03)	3.99	8.83	(3.62)	(2.04)	1.82	4.29	0.26
	HFRI North America Index	2.53	2.10	(1.35)	0.34	3.62	1.81	0.47	(4.79)	0.22	(2.40)	(0.89)	2.48	3.99	2.97	8.76
	HFRI Western/Pan Europe Index	1.74	(0.83)	(0.24)	1.06	1.73	3.98	0.10	0.63	1.89	6.72	(3.75)	(1.61)	2.17	(0.02)	(3.27)
	HFRI World Index	0.58	1.67	0.93	1.45	4.72	2.94	(1.50)	(2.29)	0.41	(0.52)	0.09	1.27	1.42	0.12	2.92
	Thematic Indices	Q1 2014	Q2 2014	Q3 2014	Q4 2014	2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
Thematic	HFRI Credit Index	2.23	2.20	(0.39)	(1.02)	3.00	1.59	0.65	(2.59)	(0.62)	(1.02)	(0.58)	2.63	3.66	2.64	8.55
	HFRI Diversity Index	1.28	2.57	(1.08)	0.45	3.21	2.76	(0.31)	(4.23)	1.36	(0.56)	(0.74)	1.25	3.04	1.99	5.62
	HFRI Women Index	0.77	2.21	(0.63)	0.55	2.90	1.97	0.77	(4.98)	0.80	(1.57)	(3.35)	1.52	3.04	1.07	2.18

HFRI Fund Weighted Composite Index

Historical Monthly Performance

HFRI Fund Weighted Composite Index

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1990	(2.11)	1.54	3.21	(0.04)	3.05	2.10	1.50	(3.45)	(1.96)	(0.04)	0.75	1.35	5.81
1991	2.59	4.02	4.95	1.34	1.98	0.41	2.62	2.06	2.32	1.83	0.27	3.95	32.19
1992	3.84	2.14	0.59	0.30	1.84	(0.41)	2.08	(0.27)	1.94	2.11	2.80	2.53	21.22
1993	2.32	1.34	3.06	1.49	2.60	2.62	2.09	2.93	1.58	3.18	0.15	3.91	30.88
1994	2.50	(0.55)	(1.51)	(0.59)	0.68	0.27	1.35	2.46	0.89	(0.03)	(1.27)	(0.08)	4.10
1995	(0.22)	1.31	1.65	2.10	1.70	2.48	3.20	2.20	1.96	(0.65)	1.89	2.08	21.50
1996	2.89	1.23	1.46	3.96	3.05	0.18	(2.08)	2.28	2.07	0.98	2.08	1.33	21.10
1997	3.17	1.03	(1.64)	(0.11)	4.38	2.70	3.87	0.34	3.72	(1.53)	(0.93)	0.88	16.79
1998	(0.71)	3.27	3.00	0.96	(2.08)	(0.13)	(0.79)	(8.70)	0.69	1.22	3.71	2.79	2.62
1999	2.24	(1.32)	3.14	4.50	0.72	3.63	0.52	(0.01)	0.16	1.60	5.06	7.65	31.29
2000	0.64	6.16	0.93	(2.85)	(1.96)	3.68	(0.60)	3.81	(1.24)	(1.79)	(3.49)	2.07	4.98
2001	3.39	(2.21)	(1.59)	1.95	1.19	0.29	(0.83)	(0.41)	(2.83)	2.01	2.07	1.71	4.62
2002	0.45	(0.70)	1.91	0.28	0.04	(1.94)	(2.86)	0.53	(1.54)	0.59	2.12	(0.21)	(1.45)
2003	0.65	0.02	0.14	2.64	3.58	1.35	1.30	1.83	1.16	2.45	1.06	1.87	19.55
2004	1.98	1.19	0.51	(1.48)	(0.31)	0.75	(0.96)	0.12	1.65	0.84	2.84	1.65	9.03
2005	(0.21)	1.83	(0.87)	(1.50)	1.04	1.59	2.30	0.82	1.93	(1.41)	1.66	1.82	9.30
2006	3.49	0.45	1.95	1.87	(1.56)	(0.24)	(0.18)	1.01	0.18	1.77	2.07	1.48	12.89
2007	1.10	0.68	0.96	1.78	1.99	0.73	0.08	(1.53)	2.69	2.85	(2.20)	0.53	9.96
2008	(2.69)	1.50	(2.24)	1.63	1.87	(1.33)	(2.29)	(1.44)	(6.13)	(6.84)	(2.67)	0.15	(19.03)
2009	(0.09)	(1.21)	1.66	3.60	5.15	0.25	2.50	1.30	2.79	(0.20)	1.52	1.28	19.98
2010	(0.76)	0.66	2.49	1.19	(2.89)	(0.95)	1.61	(0.13)	3.48	2.14	0.19	2.95	10.25
2011	0.41	1.23	0.06	1.48	(1.20)	(1.18)	0.23	(3.21)	(3.89)	2.69	(1.35)	(0.45)	(5.25)
2012	2.78	2.06	(0.18)	(0.51)	(2.61)	0.29	0.87	0.82	1.31	(0.38)	0.41	1.44	6.36
2013	2.51	0.11	0.95	0.63	0.48	(1.47)	1.30	(0.70)	1.58	1.51	0.89	1.05	9.13
2014	(0.54)	1.97	(0.29)	(0.22)	0.92	1.30	(0.63)	1.25	(0.92)	(0.40)	0.78	(0.23)	2.98
2015	(0.04)	1.88	0.37	0.95	0.59	(1.23)	(0.51)	(2.39)	(1.38)	1.73	0.16	(1.15)	(1.12)
2016	(2.60)	(0.03)	2.08	1.03	0.37	0.41	1.88	0.43	0.65	(0.59)	0.77	1.01	5.44
2017	1.20	0.90	0.39	0.53	0.19	0.30	1.07	0.49	0.65	1.03	0.46	1.06	8.59
2018	2.31	(1.80)	(0.51)	0.38	0.88	(0.40)	0.45	0.33	(0.26)	(3.20)	(0.37)	(2.54)	(4.75)
2019	3.50	1.31	0.59	1.33	(1.89)	2.29	0.44	(0.78)	(0.20)	0.59	1.05	1.89	10.45
2020	(0.45)	(2.28)	(9.08)	4.52	2.38	2.02	2.97	2.37	(0.93)	0.17	5.86	4.59	11.83
2021	1.22	3.67	0.77	2.21	1.34	0.54	(0.91)	0.76	(0.24)	1.32	(2.00)	1.15	10.16
2022	(2.05)	(0.13)	1.23	(1.38)	(0.54)	(2.85)	1.27	0.45	(2.41)	1.39	1.21	(0.29)	(4.14)
2023	2.66	(0.64)	(0.80)	0.41									1.60



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HFR Risk Parity Vol 10 Indices

HFR Risk Parity Vol 10 Index													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2003		3.81	(3.36)	1.59	8.42	(1.52)	(3.17)	2.65	2.33	0.51	0.28	4.13	16.17
2004	0.72	4.69	1.97	(4.98)	1.39	0.34	0.68	3.55	2.69	1.92	1.57	2.16	17.68
2005	1.30	0.12	0.73	1.06	3.12	2.98	(0.04)	3.75	0.16	(3.73)	1.98	3.31	15.51
2006	1.35	(1.97)	(0.83)	0.77	(1.58)	(0.49)	2.62	2.30	(0.75)	1.40	2.59	(2.94)	2.29
2007	(0.73)	2.55	0.16	1.17	(1.65)	(1.58)	1.94	1.35	4.00	3.84	(0.84)	0.17	10.68
2008	(0.18)	1.81	(0.26)	0.62	0.09	(1.53)	(1.35)	0.89	(7.98)	(14.00)	1.06	4.50	(16.37)
2009	(2.81)	(1.69)	4.03	2.11	2.07	0.33	3.60	1.77	3.08	(0.55)	4.04	(0.79)	15.98
2010	(0.97)	1.53	2.71	2.78	(2.16)	0.95	3.44	2.51	3.86	(2.32)	2.69	18.15	
2011	0.03	2.17	0.61	3.75	0.23	(0.85)	3.46	(1.13)	(3.77)	3.70	(0.60)	1.49	9.17
2012	3.79	1.21	(1.33)	1.22	(1.12)	1.17	3.31	0.98	1.42	(0.77)	1.97	0.58	13.01
2013	0.45	0.49	1.66	2.60	(4.59)	(5.70)	2.37	(1.51)	2.47	2.77	(0.55)	(0.54)	(0.53)
2014	(0.28)	3.91	0.24	1.51	2.47	1.69	(1.11)	2.51	(4.00)	1.31	1.03	(1.19)	8.15
2015	2.85	1.60	(0.22)	0.63	(1.09)	(3.00)	0.14	(4.43)	(1.16)	2.84	(0.95)	(2.17)	(5.10)
2016	(0.42)	0.71	3.33	1.06	0.79	3.75	2.01	0.05	0.54	(2.16)	(1.79)	1.91	10.02
2017	0.90	2.62	0.24	1.35	1.29	(1.37)	1.57	1.78	(0.22)	2.59	0.66	1.39	13.49
2018	0.78	(2.83)	0.47	0.68	1.23	(1.01)	0.35	(0.14)	(0.28)	(4.29)	0.67	(2.18)	(6.50)
2019	4.83	1.25	2.71	0.97	(1.63)	4.53	0.91	0.72	0.30	0.67	0.37	1.54	18.37
2020	0.16	(3.36)	(9.10)	2.96	1.80	1.64	3.18	1.45	(1.22)	(1.23)	5.43	2.65	3.59
2021	(0.61)	(1.71)	0.86	2.74	2.11	1.20	2.09	0.80	(3.40)	1.17	(0.65)	2.21	6.82
2022	(3.42)	(0.78)	(0.80)	(4.44)	(0.78)	(6.10)	5.20	(4.52)	(6.78)	2.05	4.60	(3.37)	(18.27)
2023	4.96	(3.38)	2.99	0.44									4.90
HFR Risk Parity Vol 10 Institutional Index													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2003		3.81	(3.36)	1.59	8.42	(1.52)	(3.17)	2.65	2.33	0.51	0.28	4.13	16.17
2004	0.72	4.69	1.97	(4.98)	1.39	0.34	0.68	3.55	2.69	1.92	1.57	2.16	17.68
2005	1.30	0.12	0.73	1.06	3.12	2.98	(0.04)	3.75	0.16	(3.73)	1.98	3.31	15.51
2006	1.35	(1.97)	(0.83)	0.77	(1.58)	(0.49)	2.62	2.30	(0.75)	1.40	2.59	(2.94)	2.29
2007	(0.73)	2.55	0.16	1.17	(1.65)	(1.58)	1.94	1.35	4.00	3.84	(0.84)	0.17	10.68
2008	(0.18)	1.81	(0.26)	0.62	0.09	(1.53)	(1.35)	0.89	(7.98)	(14.00)	1.06	4.50	(16.37)
2009	(2.81)	(1.69)	2.83	2.38	1.90	0.28	3.80	1.70	3.18	(0.45)	3.89	(0.58)	15.13
2010	(0.76)	1.43	2.76	2.87	(1.81)	0.86	3.31	2.54	3.83	2.08	(2.39)	2.39	18.25
2011	(0.06)	1.97	0.63	3.80	0.60	(0.87)	3.41	(1.14)	(3.69)	3.68	(0.74)	1.59	9.28
2012	3.73	1.35	(1.09)	1.44	(0.93)	1.09	3.36	1.01	1.65	(0.70)	2.01	0.64	14.29
2013	0.44	0.75	2.00	2.69	(4.92)	(6.13)	2.18	(1.66)	2.67	2.75	(0.62)	(0.82)	(1.17)
2014	0.42	3.62	0.10	1.69	2.78	1.81	(1.18)	2.48	(3.77)	1.68	1.27	(1.42)	9.63
2015	2.45	1.41	(0.14)	0.58	(1.12)	(2.95)	0.06	(4.14)	(1.15)	3.16	(1.30)	(2.36)	(5.62)
2016	(0.37)	0.73	3.71	1.51	0.81	3.93	1.94	(0.05)	0.80	(2.22)	(1.71)	1.83	11.25
2017	0.92	2.69	0.03	1.42	1.17	(1.46)	1.68	1.88	(0.37)	2.46	0.81	1.50	13.41
2018	0.23	(2.58)	0.54	0.73	1.28	(1.02)	0.34	(0.14)	(0.20)	(4.19)	0.57	(2.09)	(6.48)
2019	5.83	1.34	3.01	1.06	(1.44)	4.88	1.15	0.77	0.13	0.68	0.23	1.78	20.98
2020	0.15	(3.49)	(9.59)	3.06	1.93	1.79	3.58	1.64	(1.37)	(1.18)	5.61	2.75	4.04
2021	(0.45)	(1.72)	0.76	3.10	2.27	1.53	2.66	0.86	(3.29)	1.15	(0.51)	2.27	8.75
2022	(3.65)	(0.75)	(0.86)	(4.70)	(0.81)	(6.55)	5.67	(4.88)	(7.44)	2.10	5.01	(3.59)	(19.45)
2023	5.20	(3.85)	3.26	0.24									4.70



HFR Risk Parity Vol 12 Indices

HFR Risk Parity Vol 12 Index													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2006	2.30	(2.40)	0.02	2.65	(2.67)	(0.38)	3.47	3.35	(0.58)	2.00	2.99	(3.74)	6.85
2007	(1.18)	3.37	(0.36)	1.34	(2.49)	(2.97)	1.35	1.23	4.71	3.91	(1.12)	0.01	7.73
2008	0.18	1.59	(0.36)	1.08	0.05	(1.72)	(1.90)	1.20	(6.64)	(10.11)	0.60	4.06	(12.10)
2009	(4.58)	(2.70)	2.20	1.21	3.48	2.24	4.67	1.72	3.90	0.32	4.19	(0.17)	17.29
2010	(0.87)	2.03	2.97	3.13	(2.70)	0.75	4.25	2.34	4.40	2.52	(2.95)	2.88	20.04
2011	(0.25)	2.48	(0.14)	4.80	0.53	(1.43)	4.56	(1.21)	(4.50)	4.38	(2.38)	1.98	8.66
2012	4.83	1.36	(1.25)	1.50	(1.90)	1.43	3.87	1.53	1.81	(1.32)	2.00	0.19	14.73
2013	(0.15)	0.69	1.83	2.55	(5.09)	(7.21)	2.93	(1.70)	2.55	2.85	(0.60)	(0.80)	(2.71)
2014	0.85	3.69	0.29	1.61	3.03	1.85	(1.43)	3.08	(4.70)	2.06	1.49	(1.98)	9.93
2015	3.61	1.20	(0.98)	0.52	(0.94)	(3.31)	(0.52)	(4.24)	(1.25)	2.69	(1.20)	(2.92)	(7.39)
2016	(0.50)	1.21	3.35	1.47	0.87	4.46	1.57	(0.66)	0.74	(2.76)	(1.62)	1.11	9.40
2017	1.31	2.83	(0.25)	1.31	0.96	(2.02)	1.84	2.75	(0.45)	3.54	0.70	1.89	15.25
2018	0.86	(3.85)	0.27	1.45	1.07	(1.68)	0.37	(0.19)	(0.75)	(5.62)	(0.09)	(2.73)	(10.60)
2019	6.16	1.25	3.24	0.68	(2.39)	6.08	0.45	0.52	(0.27)	0.95	0.34	2.13	20.52
2020	0.11	(3.52)	(10.93)	3.00	2.61	1.95	3.21	1.95	(1.34)	(1.06)	6.79	3.37	5.09
2021	(0.42)	(1.70)	0.45	3.24	2.58	1.53	2.91	0.73	(3.65)	0.98	(0.68)	2.69	8.76
2022	(4.19)	0.01	(0.76)	(6.11)	(1.17)	(8.83)	7.77	(6.77)	(11.31)	3.22	7.30	(4.85)	(24.46)
2023	5.70	(4.66)	3.74	(0.01)									4.53

HFR Risk Parity Vol 12 Institutional Index													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2006	2.30	(2.40)	0.02	2.65	(2.67)	(0.38)	3.47	3.35	(0.58)	2.00	2.99	(3.74)	6.85
2007	(1.18)	3.37	(0.36)	1.34	(2.49)	(2.97)	2.05	1.69	4.77	3.99	(0.83)	0.14	9.57
2008	0.28	1.34	(0.30)	0.17	(0.56)	(1.72)	(1.42)	1.77	(9.65)	(16.05)	(0.07)	4.28	(21.36)
2009	(1.69)	(1.66)	2.20	1.17	1.37	0.59	4.05	1.53	3.69	0.07	4.76	(0.74)	16.20
2010	(0.42)	1.96	3.39	4.34	(1.23)	1.37	3.75	3.98	4.28	2.41	(3.12)	2.35	25.29
2011	(0.34)	2.46	0.46	5.03	1.07	(0.78)	5.03	(1.03)	(4.41)	4.44	(1.24)	2.38	13.38
2012	4.96	1.54	(1.48)	1.75	(0.99)	1.18	4.66	1.20	1.80	(0.94)	2.37	0.42	17.51
2013	0.10	0.70	1.93	2.06	(4.83)	(7.40)	2.94	(1.05)	2.91	3.22	(0.85)	(1.01)	(1.86)
2014	0.16	4.35	0.03	2.05	3.59	2.06	(1.24)	3.04	(5.19)	1.79	1.08	(2.51)	9.16
2015	3.52	1.49	(0.36)	1.21	(1.33)	(3.54)	(1.02)	(5.55)	(1.51)	3.74	(1.82)	(3.37)	(8.61)
2016	(0.78)	0.89	3.72	2.69	0.87	4.70	2.14	(0.35)	1.46	(2.29)	(2.00)	2.10	13.68
2017	1.34	3.23	(0.31)	1.19	1.35	(1.94)	2.47	2.38	(0.51)	2.77	0.90	2.02	15.79
2018	0.91	(3.18)	0.58	1.20	1.26	(1.47)	0.17	(0.44)	(0.22)	(5.55)	(0.40)	(2.72)	(9.64)
2019	6.35	1.69	3.07	1.23	(2.20)	5.60	0.99	(0.02)	0.25	1.29	0.26	2.64	22.96
2020	0.15	(3.22)	(11.38)	3.79	3.05	2.62	4.29	2.36	(1.68)	(1.56)	8.42	4.25	10.10
2021	(0.20)	(2.13)	0.61	4.45	3.07	1.33	2.91	0.73	(3.65)	0.98	(0.68)	2.70	10.28
2022	(4.19)	0.01	(0.76)	(6.11)	(1.17)	(8.83)	7.77	(6.77)	(11.31)	3.22	7.30	(4.85)	(24.46)
2023	6.58	(5.04)	4.16	(0.03)									5.39



HFR Risk Parity Vol 15 Indices

HFR Risk Parity Vol 15 Index

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2012			(1.57)	3.20	(1.36)	1.20	4.20	2.03	2.60	(1.18)	2.95	0.25	12.81
2013	(0.43)	0.90	2.10	5.21	(6.93)	(11.14)	3.91	(2.42)	3.88	4.23	(1.16)	(1.01)	(4.14)
2014	1.04	6.23	0.74	2.25	3.60	2.91	(2.08)	4.17	(6.80)	2.43	1.59	(3.09)	12.99
2015	3.59	2.06	(0.37)	0.94	(1.54)	(4.72)	(0.38)	(6.54)	(1.82)	4.13	(2.06)	(3.45)	(10.22)
2016	(0.31)	1.61	5.11	1.34	1.40	7.26	2.57	(0.53)	0.86	(3.87)	(2.91)	2.63	15.67
2017	1.38	4.04	0.03	2.16	1.55	(2.16)	2.31	2.90	(0.39)	4.14	0.49	2.18	20.08
2018	0.09	(4.35)	0.93	1.27	1.92	(1.62)	0.11	0.23	(0.77)	(6.67)	0.54	(3.40)	(11.45)
2019	8.60	1.56	4.60	0.51	(1.25)	8.05	1.16	1.39	(0.54)	0.76	(0.11)	2.10	29.71
2020	0.13	(5.18)	(16.65)	3.59	2.87	3.12	6.76	3.01	(1.08)	(1.73)	11.98	7.48	11.87
2021	(0.49)	(2.29)	1.21	6.87	3.78	0.81	4.58	0.33	(5.93)	1.74	(1.57)	3.33	12.37
2022	(5.18)	(0.06)	(1.73)	(7.32)	(1.81)	(10.64)	7.74	(7.99)	(11.56)	2.71	7.34	(5.39)	(30.75)
2023	8.54	(6.77)	6.02	0.02									7.31

HFR Risk Parity Vol 15 Institutional Index

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2012									1.61	(0.72)	2.53	0.16	3.60
2013	(0.87)	0.27	1.39	3.61	(7.16)	(9.26)	3.28	(1.76)	3.93	4.47	(1.44)	(1.05)	(5.48)
2014	0.71	6.58	0.46	2.36	3.60	2.65	(2.02)	3.95	(6.50)	2.31	1.11	(2.94)	12.24
2015	3.67	2.22	(0.38)	1.09	(1.70)	(4.52)	(0.67)	(6.53)	(1.51)	3.85	(2.21)	(3.44)	(10.19)
2016	(0.23)	1.73	4.93	1.49	1.38	6.31	2.92	(0.34)	0.94	(3.58)	(2.54)	3.00	16.74
2017	1.41	3.93	(0.10)	2.21	1.40	(2.02)	2.44	2.57	(0.20)	3.44	0.54	2.02	18.97
2018	(0.34)	(3.86)	0.71	0.99	2.32	(1.31)	0.04	0.29	(0.51)	(6.12)	0.71	(3.16)	(10.07)
2019	8.43	1.72	4.33	0.82	(1.10)	7.15	1.31	1.42	(0.06)	0.88	(0.07)	2.09	29.93
2020	0.88	(4.32)	(16.86)	4.43	2.86	2.45	5.47	1.84	(1.14)	(1.95)	9.15	4.87	5.25
2021	(0.55)	(3.44)	0.65	5.65	3.43	1.53	4.35	0.49	(4.71)	1.50	(0.48)	3.06	11.53
2022	(5.12)	(0.13)	(1.84)	(7.18)	(1.62)	(10.01)	8.64	(7.71)	(12.91)	3.35	8.05	(5.28)	(29.41)
2023	7.68	(5.65)	5.78	0.02									7.50



HFR Blockchain Indices

HFR Blockchain Composite Index

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2015	(24.19)	6.07	(1.18)	(4.64)	1.53	13.34	8.65	(14.58)	2.52	29.32	17.41	16.89	47.25
2016	(5.22)	13.20	0.49	3.71	11.26	21.89	7.86	(5.08)	4.45	6.96	3.37	16.84	109.47
2017	5.08	11.95	28.77	39.49	130.73	29.07	3.54	78.03	(12.99)	11.13	43.69	78.32	2773.66
2018	(4.55)	(13.40)	(34.23)	43.36	(17.90)	(20.64)	5.86	(15.28)	(2.63)	(6.89)	(25.31)	(5.39)	(70.82)
2019	(8.99)	10.82	11.40	10.71	40.78	11.76	(13.64)	(10.28)	(8.48)	4.10	(10.07)	(3.93)	24.82
2020	35.68	(6.39)	(25.53)	21.01	6.86	(3.87)	28.29	20.28	(15.26)	9.52	45.28	18.29	189.34
2021	39.31	36.39	24.25	31.59	(8.07)	(14.92)	9.39	24.64	(10.23)	24.57	0.80	(13.50)	223.04
2022	(17.08)	1.11	14.14	(18.67)	(15.59)	(20.09)	18.47	(8.78)	(5.61)	2.56	(13.16)	(4.03)	(54.23)
2023	22.40	2.07	3.53	(0.78)									28.35

HFR Cryptocurrency Index

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2015	(24.19)	6.07	(1.18)	(4.64)	1.53	13.34	8.65	(14.58)	2.52	29.32	17.41	16.89	47.25
2016	(5.22)	13.20	0.49	3.71	11.26	21.89	7.86	(5.08)	4.45	6.96	3.37	16.84	109.47
2017	5.08	11.95	28.77	39.49	130.73	29.07	5.04	78.47	(12.41)	15.96	43.25	75.27	2907.94
2018	(4.20)	(12.50)	(33.65)	40.70	(17.23)	(20.47)	6.62	(14.91)	(2.43)	(7.09)	(24.63)	(5.43)	(69.80)
2019	(9.21)	11.10	11.39	10.94	40.38	12.20	(14.13)	(10.50)	(8.85)	3.99	(10.34)	(3.28)	24.01
2020	38.80	(7.33)	(26.25)	21.50	6.29	(4.30)	31.00	19.54	(16.20)	9.60	48.00	17.63	193.57
2021	41.77	36.76	24.68	33.84	(7.38)	(14.95)	9.44	25.28	(10.39)	24.43	1.02	(13.45)	240.64
2022	(17.29)	1.23	14.51	(18.71)	(15.65)	(20.32)	18.56	(8.81)	(5.27)	2.31	(13.18)	(3.42)	(53.98)
2023	22.42	2.03	3.70	(0.78)									28.52

Extracts from **HFR INDUSTRY REPORTS**

HFR Global Hedge Fund Industry Report

Industry insiders utilize HFR Industry Reports to gain a detailed picture of current trends as well as a historical perspective of the hedge fund industry. *The Report includes:*

- Over 200 pages of charts and graphs provided in PowerPoint format
- Estimated total assets and net asset flows for entire industry and by strategy
- Detailed breakout of Quarterly and Annual HFRI performance
- HFRI Annual Performance Matrix
- Risk/Return analysis by strategy: 1, 3 and 5-year summaries of Standard Deviation, Sharpe Ratio, Sortino Ratio Up/Down Capture, Returns Distribution and Market Correlations
- Supporting dataset in Excel spreadsheet format

HFR Strategy Classification

Single-Manager Hedge Funds

Equity Hedge

Equity Market Neutral

Fundamental Growth

Fundamental Value

Quantitative Directional

Sector

Energy / Basic Materials

Healthcare

Technology

Short Bias

Multi-Strategy

Event-Driven

Activist

Credit Arbitrage

Distressed / Restructuring

Merger Arbitrage

Private Issue / Regulation D

Special Situations

Multi-Strategy

Macro

Active Trading

Commodity

Agriculture

Energy

Metals

Multi

Currency

Discretionary

Systematic

Discretionary Thematic

Systematic Diversified

Multi-Strategy

Relative Value

Fixed Income – Asset Backed

Fixed Income – Convertible Arbitrage

Fixed Income – Corporate

Fixed Income – Sovereign

Volatility

Yield Alternatives

Energy Infrastructure

Real Estate

Multi-Strategy

Multi-Manager Funds

Fund of Funds

Conservative

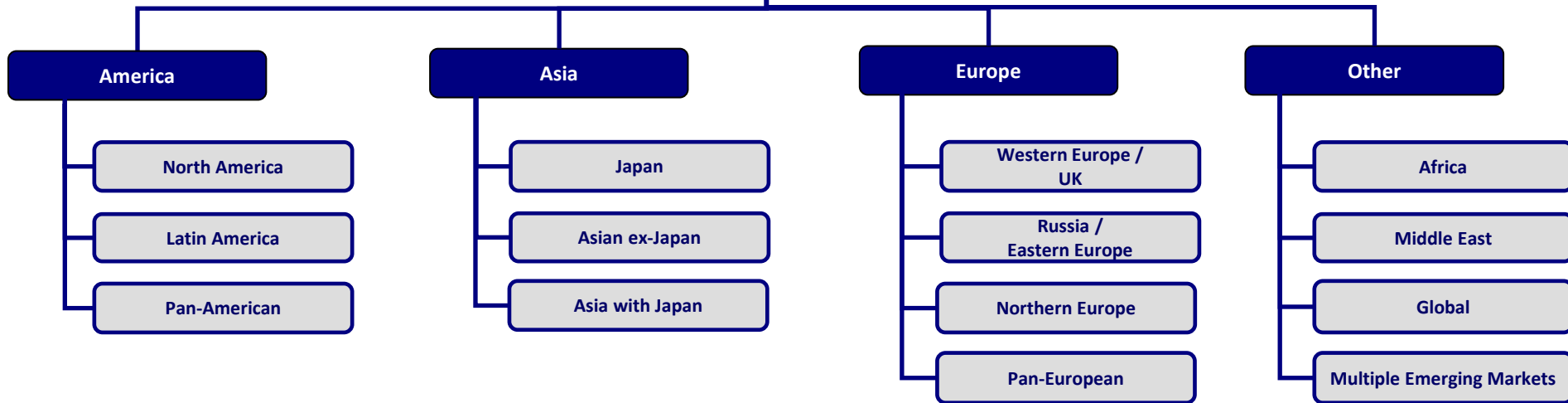
Diversified

Market Defensive

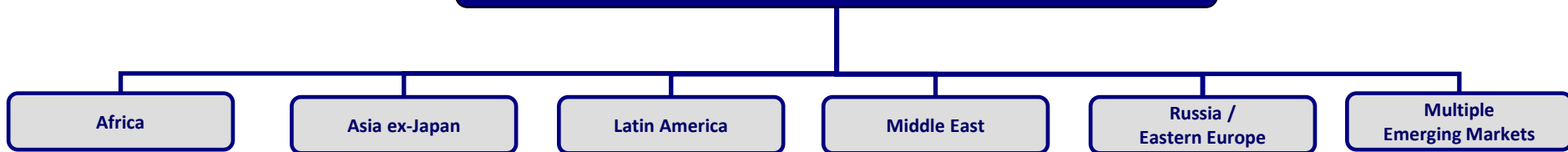
Strategic

HFR Regional Investment Focus Classification

Regional Investment Focus

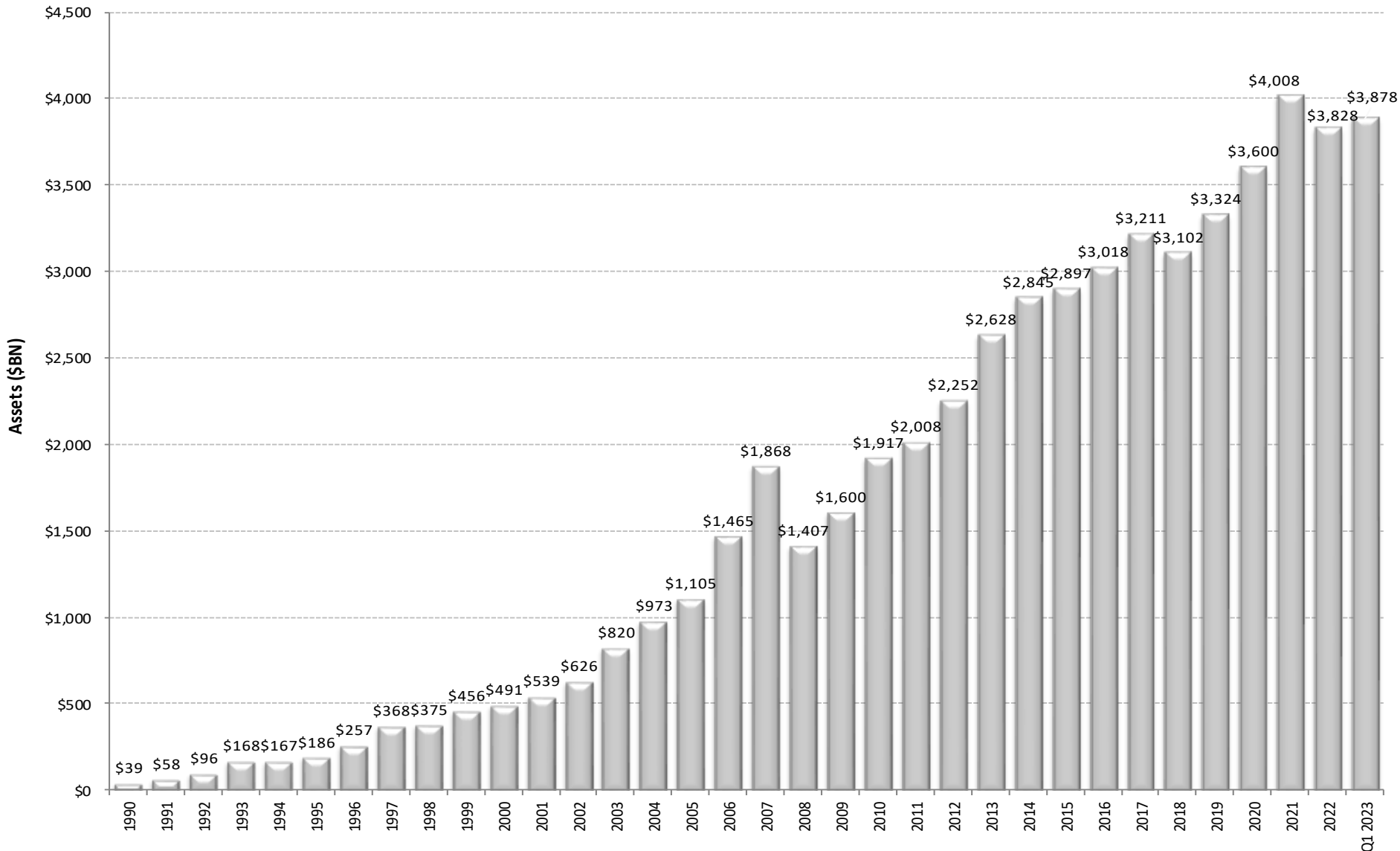


Emerging Markets



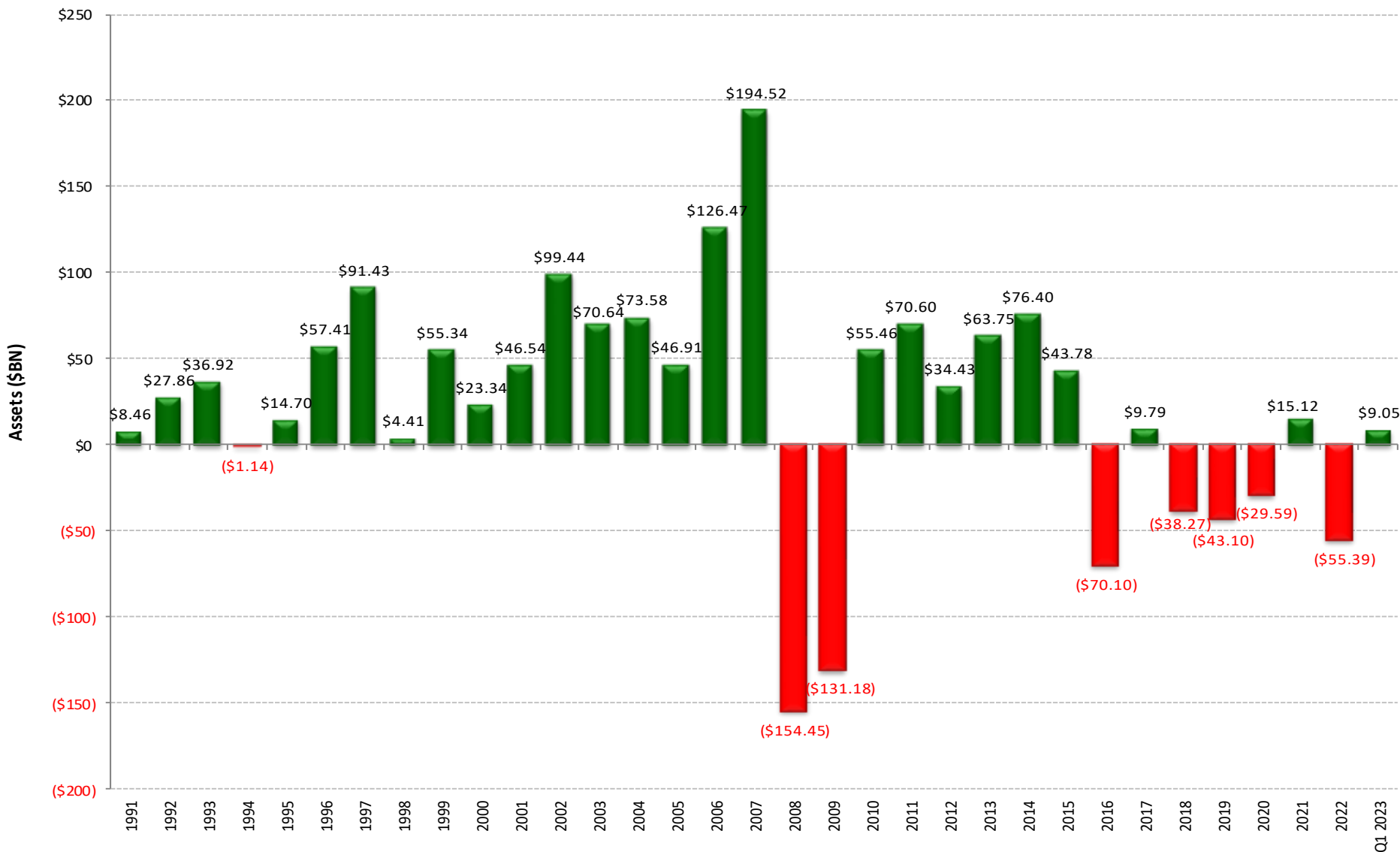
Estimated Annual Growth of Assets

Hedge Fund Industry 1990 – Q1 2023



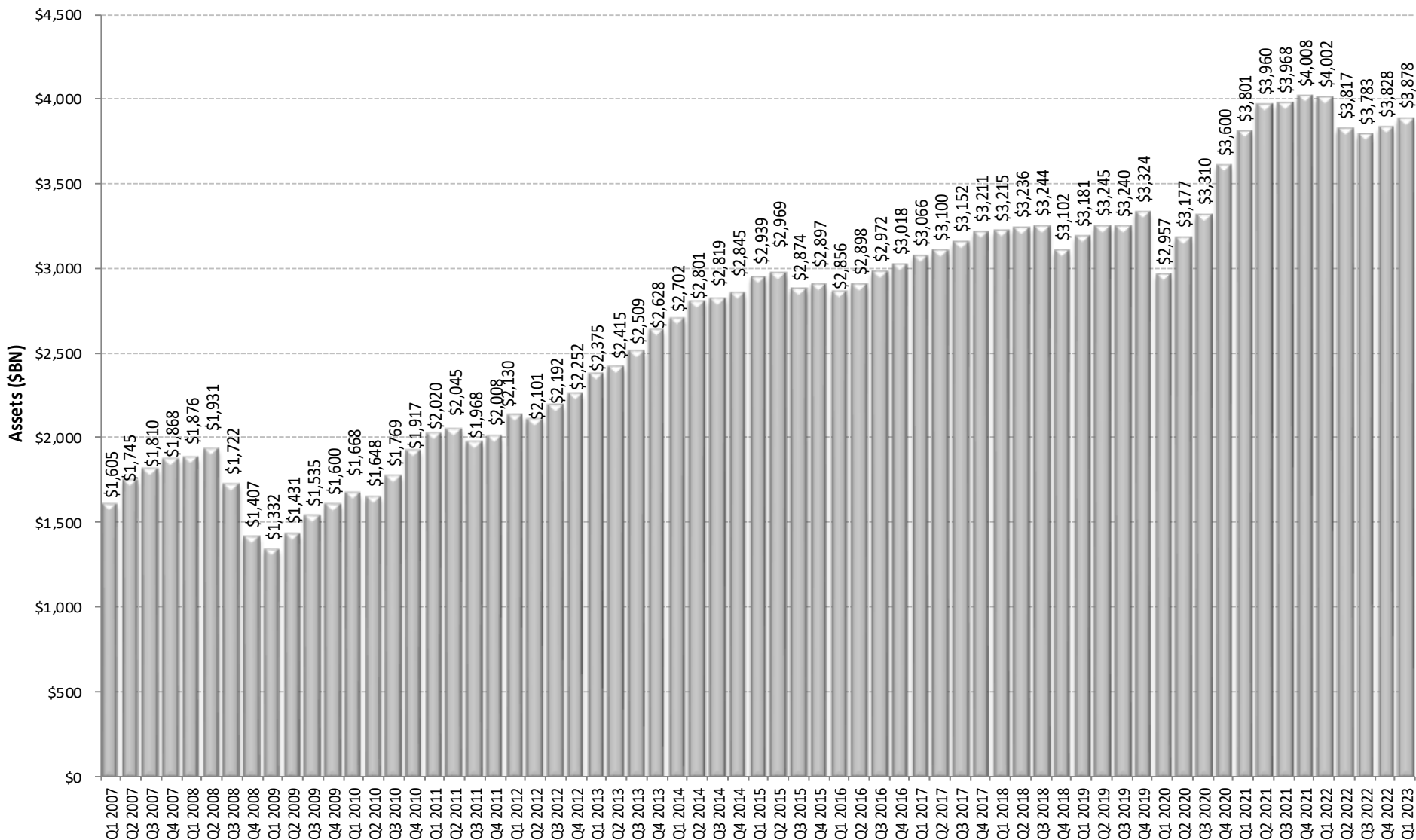
Estimated Annual Net Asset Flows

Hedge Fund Industry 1991 – Q1 2023



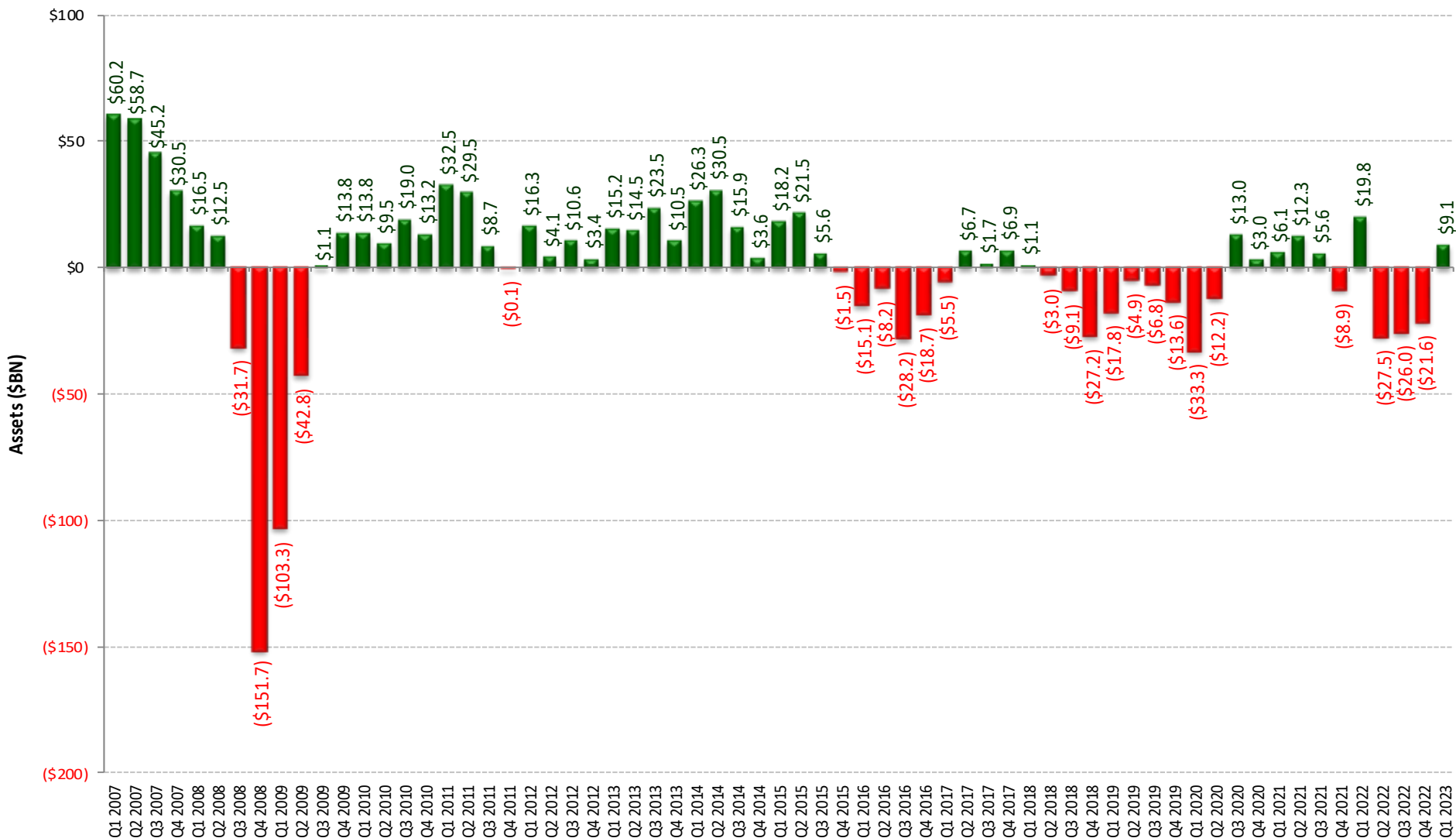
Estimated Quarterly Growth of Assets

Hedge Fund Industry Q1 2007 – Q1 2023



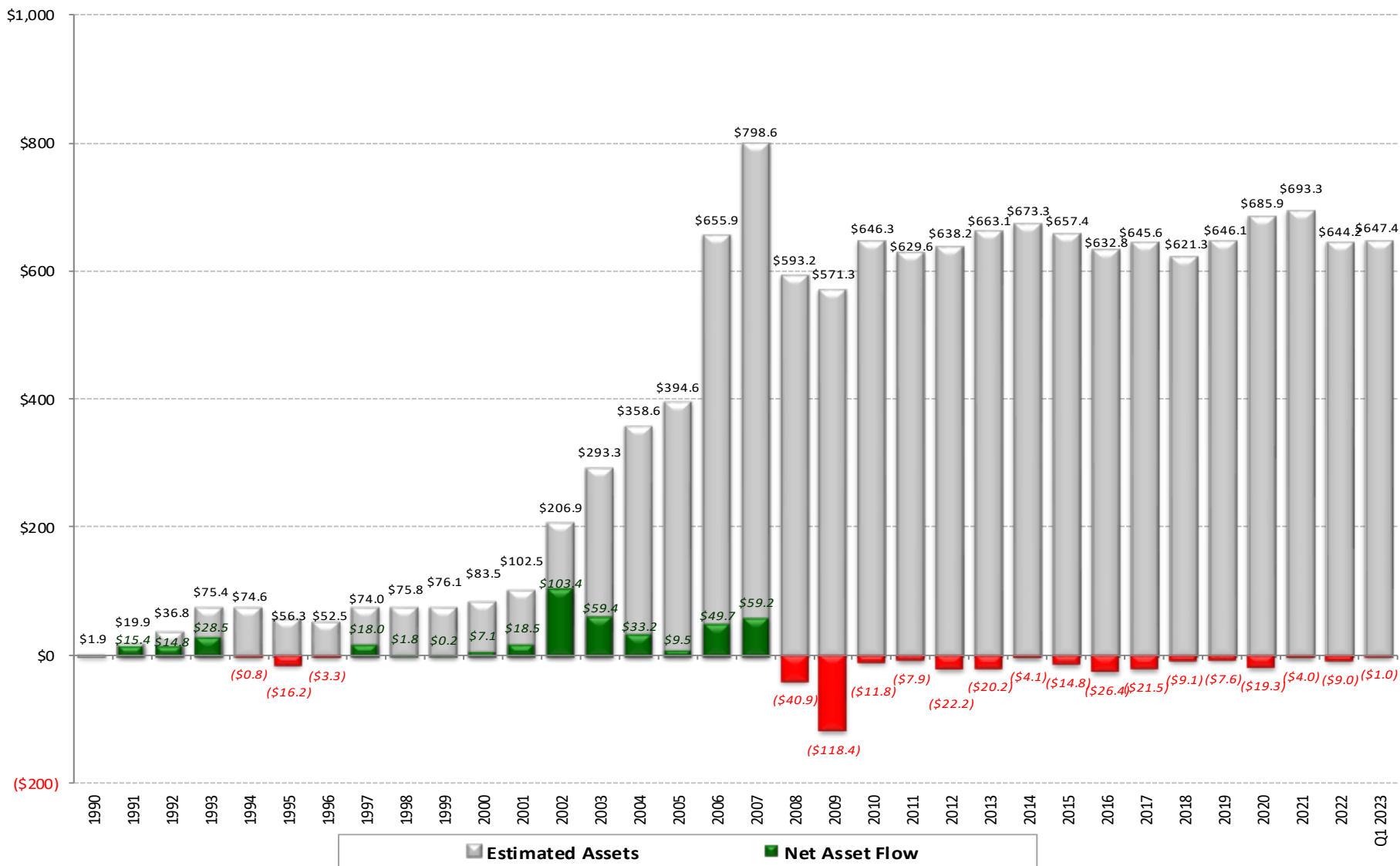
Estimated Quarterly Net Asset Flows

Hedge Fund Industry Q1 2007 – Q1 2023



Estimated Growth of Assets / Net Asset Flow

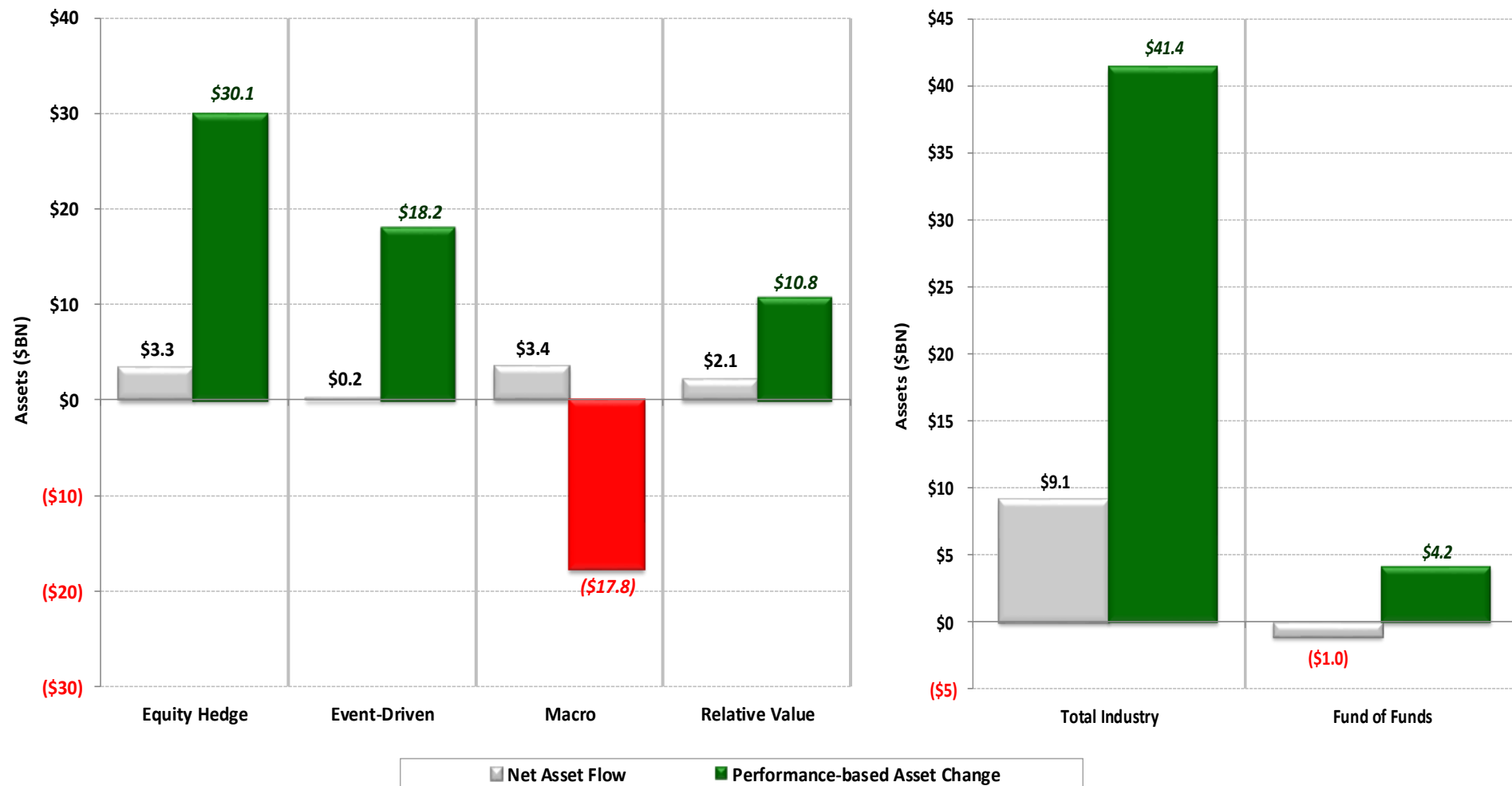
Fund of Funds 1990 – Q1 2023



Estimated Change in Assets per Main Strategy

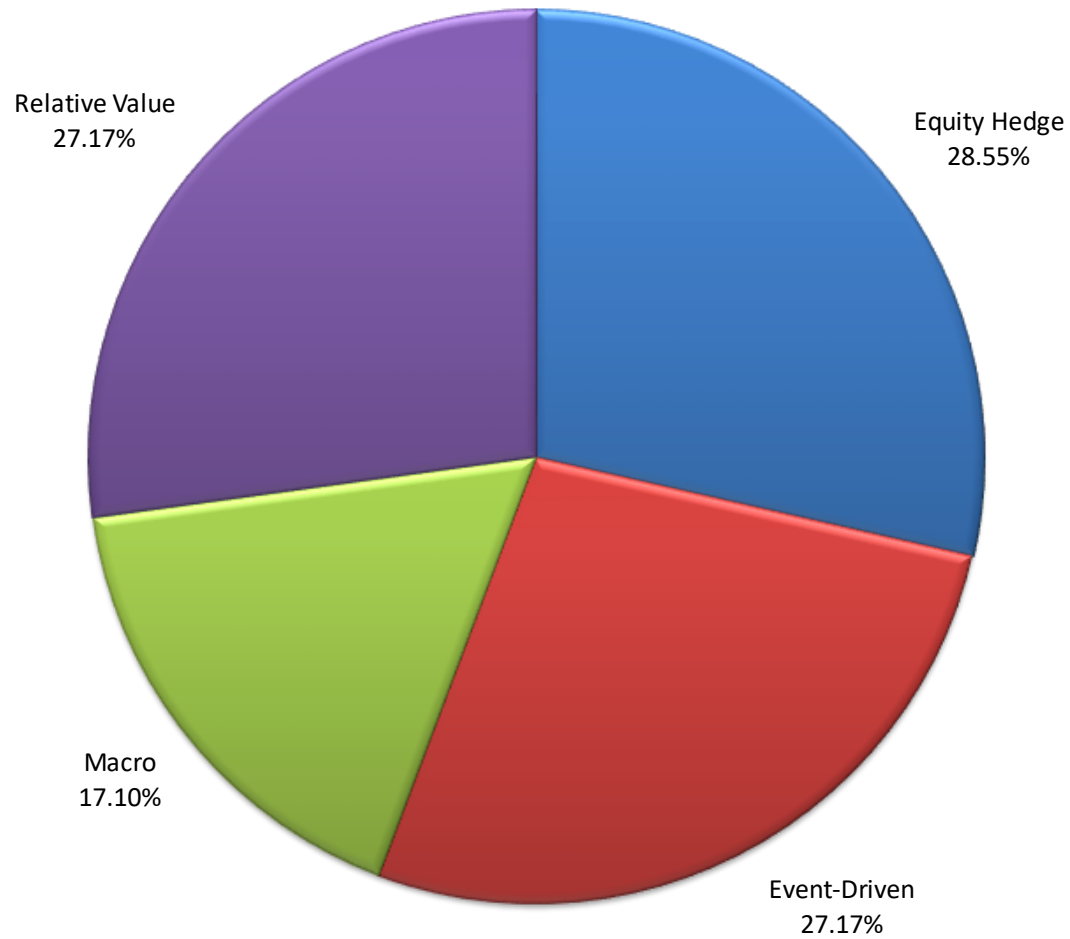
Net Asset Flow vs. Performance-Based

Q1 2023



Estimated Industry Assets by Strategy

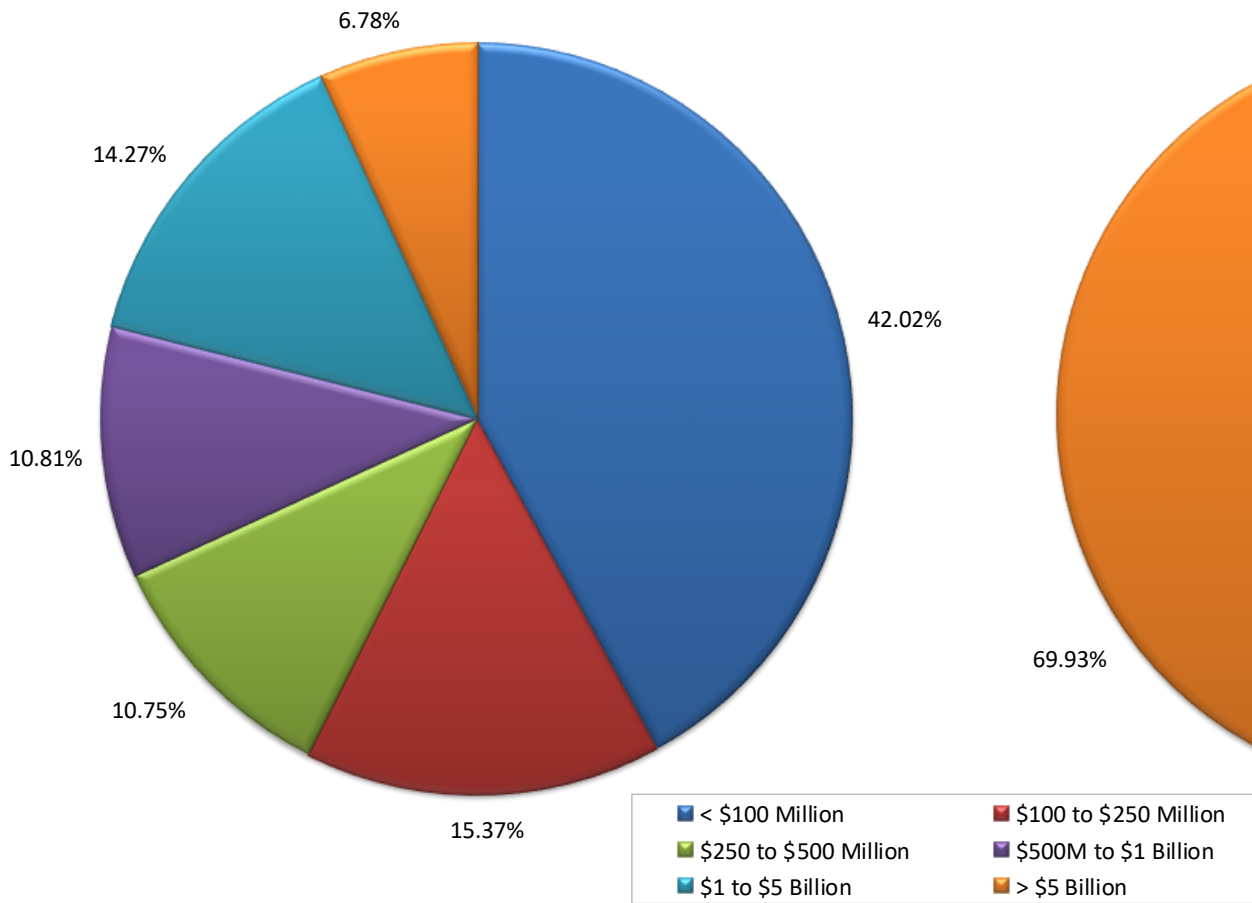
Q1 2023



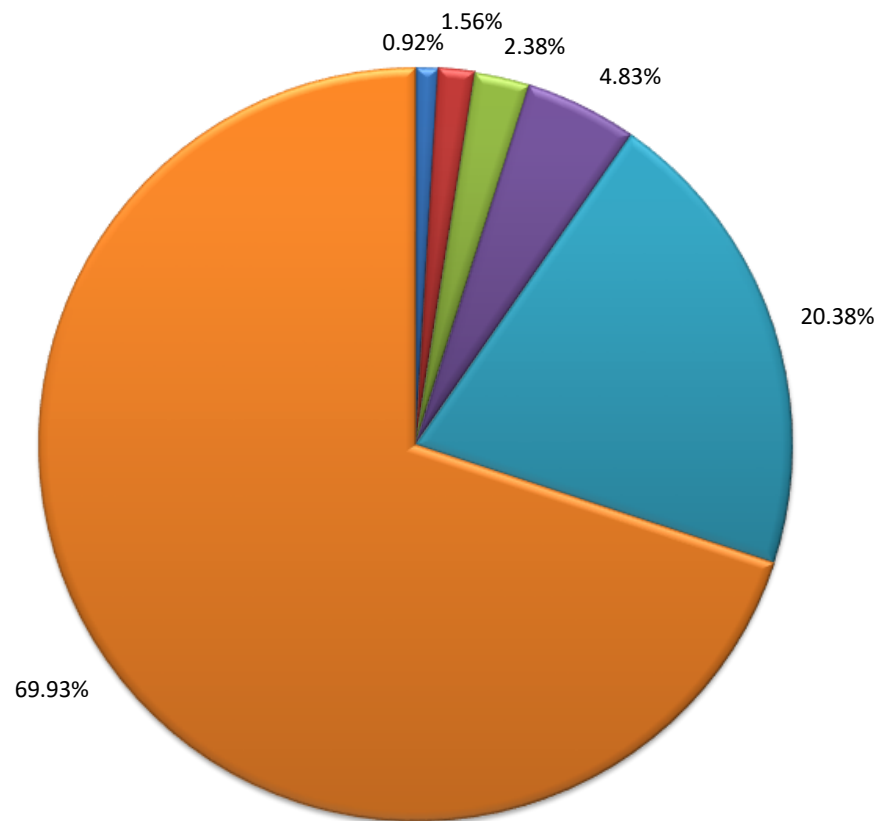
Estimated Distribution of Industry Assets by Firm AUM Tier

Q1 2023

By # Firms

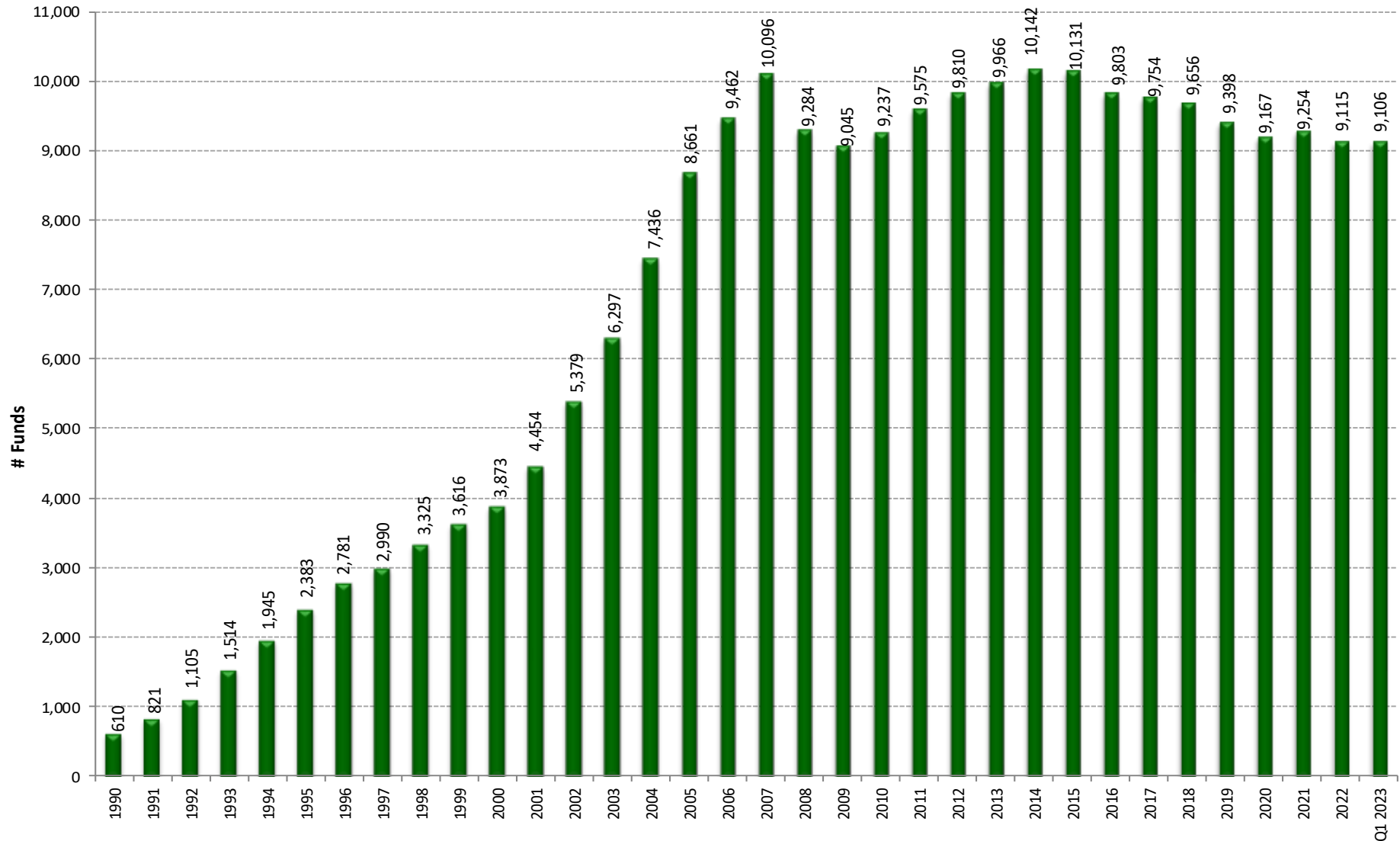


By Firm AUM Size



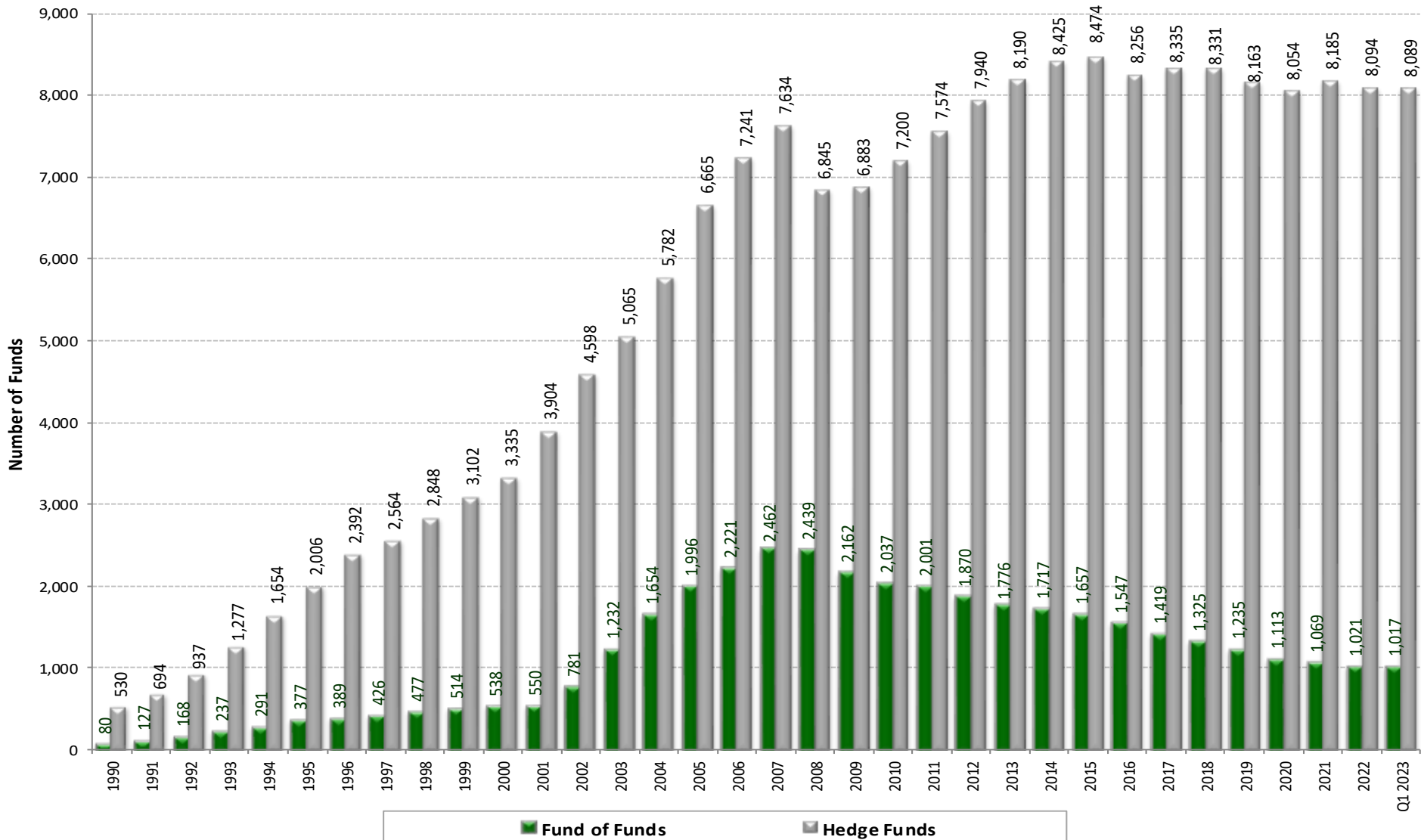
Estimated Total Number of Hedge Funds and Fund of Funds

1990 – Q1 2023



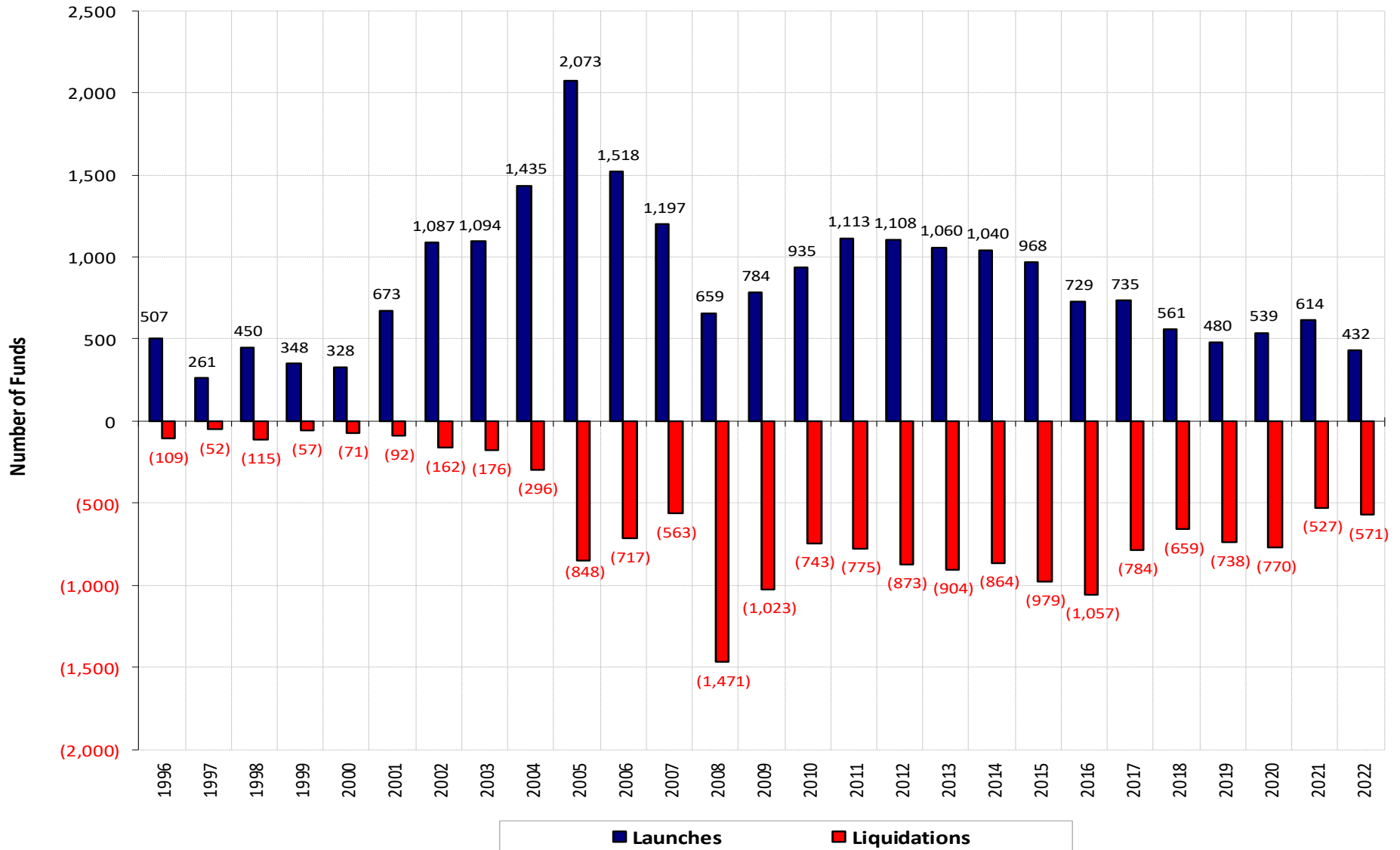
Estimated Number of Funds: Hedge Funds vs. Fund of Funds

1990 – Q1 2023



Estimated Number of Funds Launched/Liquidated

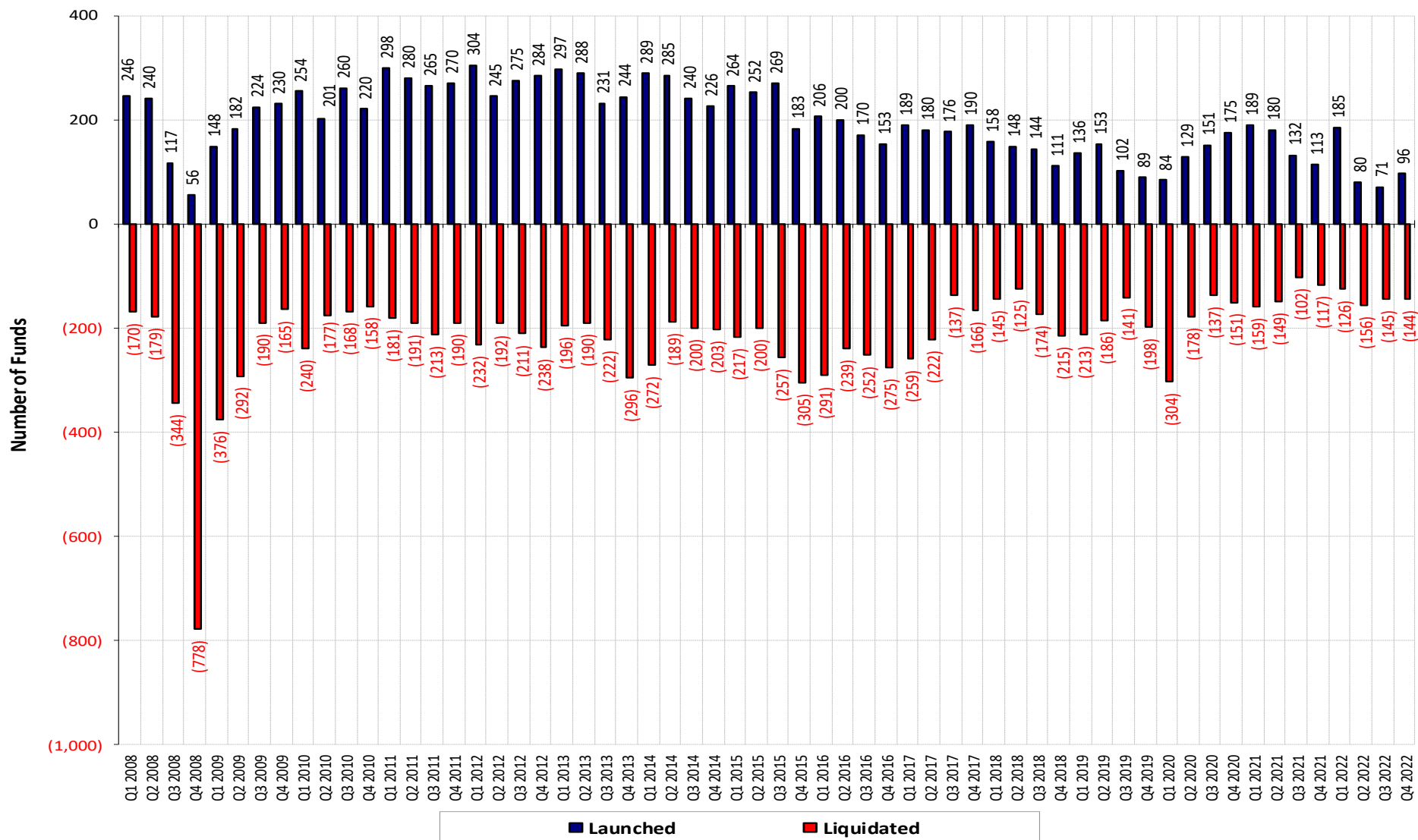
1996 – 2022



Estimated Number of Funds Launched/Liquidated

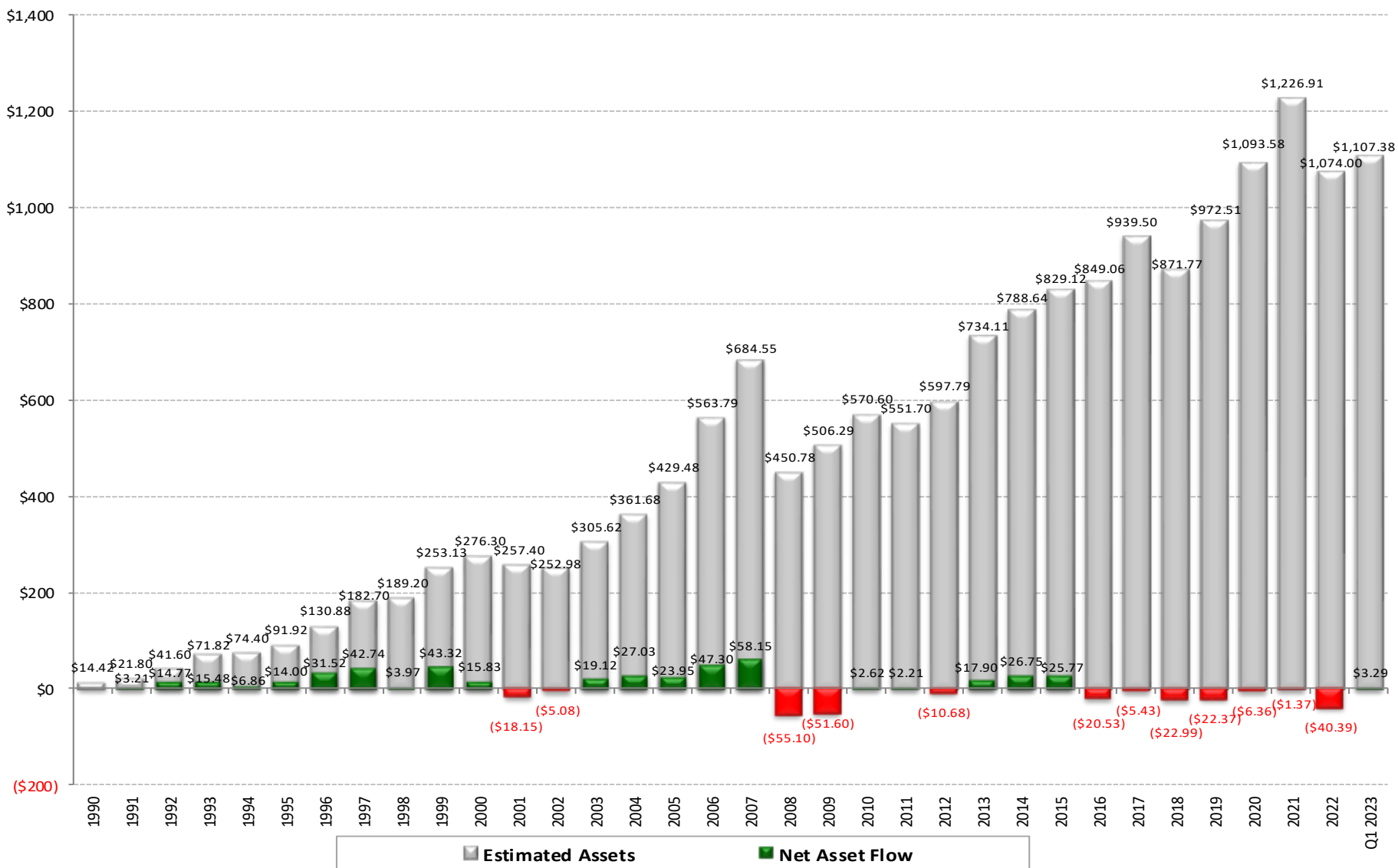
Quarterly Breakdown

Q1 2008 – Q4 2022



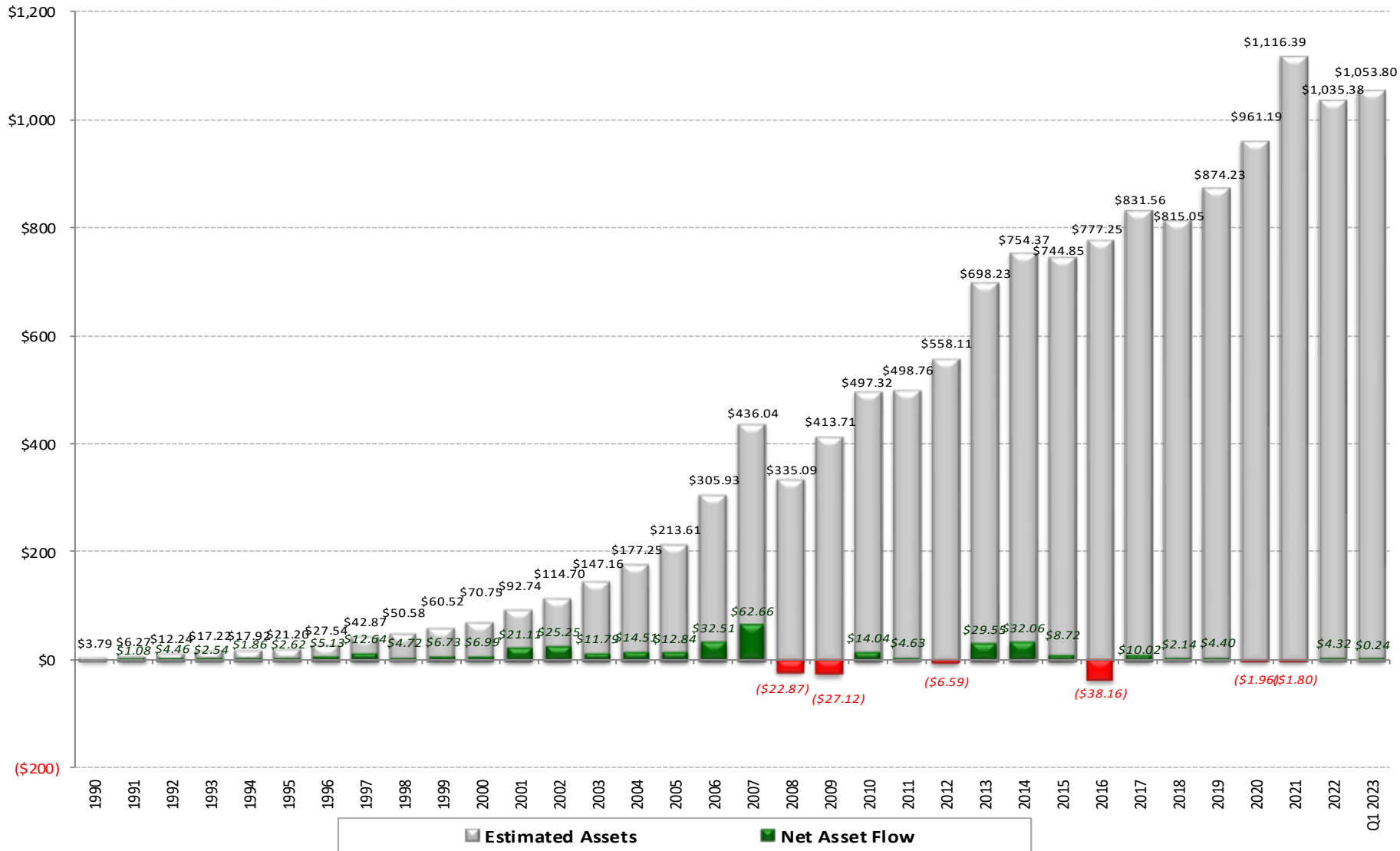
Estimated Growth of Assets / Net Asset Flow

Equity Hedge (Total) 1990 – Q1 2023



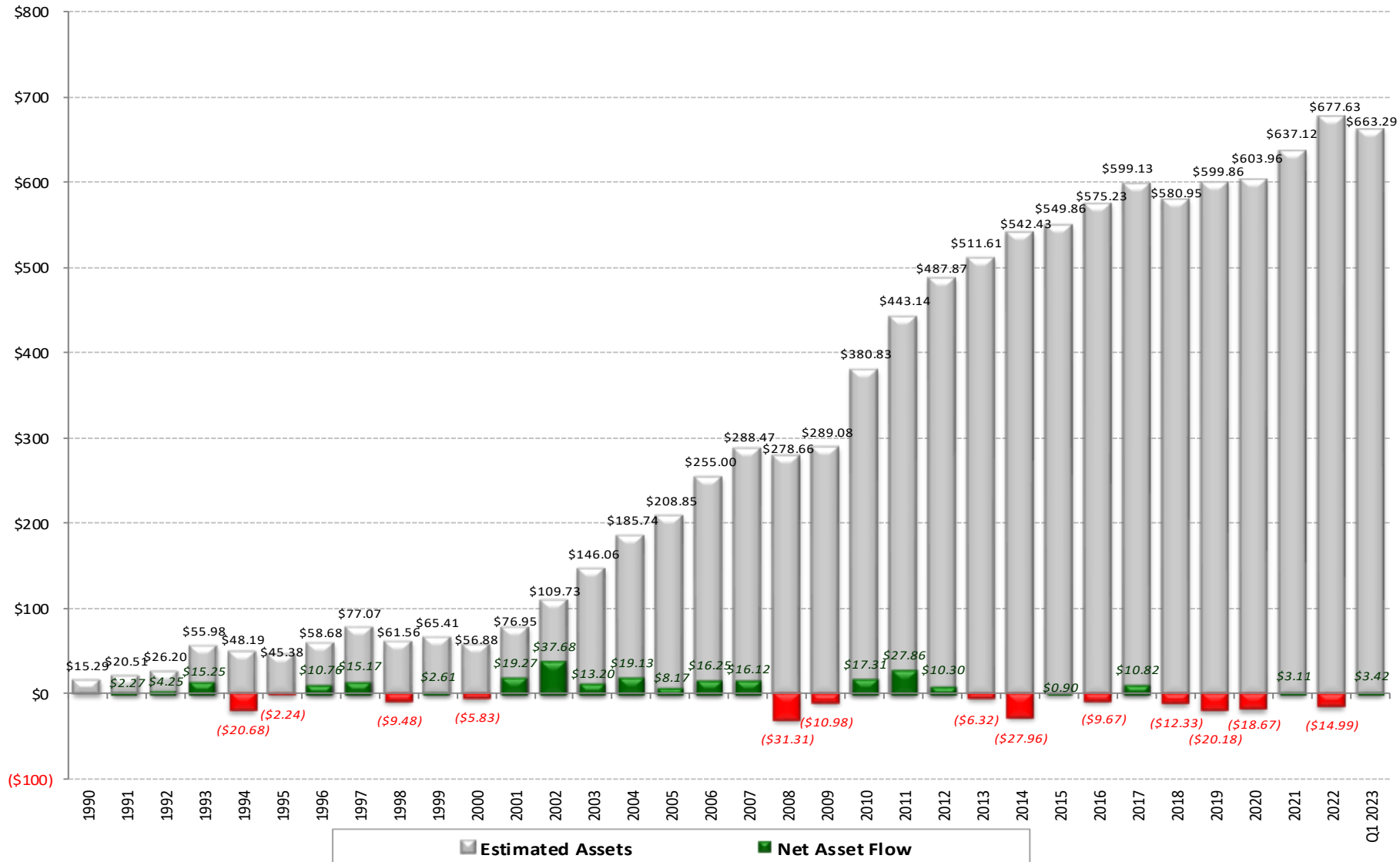
Estimated Growth of Assets / Net Asset Flow

Event-Driven (Total) 1990 – Q1 2023



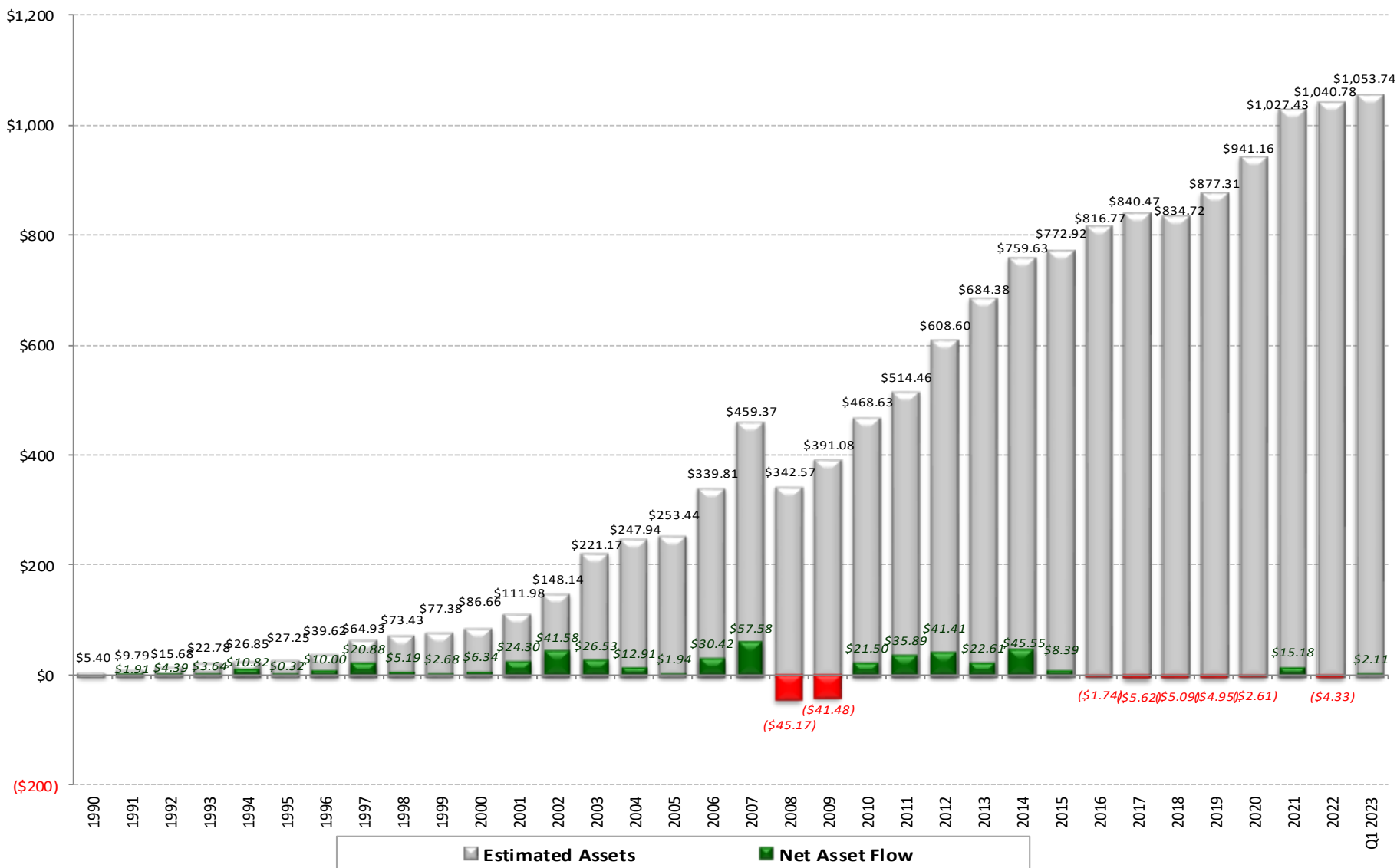
Estimated Growth of Assets / Net Asset Flow

Macro (Total) 1990 – Q1 2023



Estimated Growth of Assets / Net Asset Flow

Relative Value (Total) 1990 – Q1 2023



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