Top 25
Fund Administrators
League Tables

Year-over-Year June 2019-2020

Public Version



OPTIMAL PERFORMANCE

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- Founded in 2013, Convergence provides independent <u>insights</u> into important trends and challenges facing our clients in the fast-growing and dynamic asset management industry by leveraging and creating alternative data and data science analytics.
- Our <u>insights</u> help clients grow revenue, <u>improve efficiency</u> and <u>identify and manage risks</u>.
- Our <u>clients</u> include Asset Managers, Institutional Investors and Service Providers.
- Our <u>founders</u>, are former C-Suite executives in hedge funds, private equity funds, broker-dealers and securities exchanges.
- We are headquartered in South Norwalk, CT and operate in New Jersey and Hyderabad, India.
- For additional information please contact John Phinney @ 203-956-4824 or George Gainer
 @ 203-956-4824 or to learn more about how Convergence can help you.

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The Importance of Understanding Growth and Size

Can growth mask a negative trend?

- The answer is YES! So be careful. Growth is driven by many factors, each of which reveals strengths and challenges that the reader cannot see without additional details. For example, Asset growth of +10% can be driven by a +30% increase in asset inflation and a -20% client attrition rate. Not such a good story!
- Convergence uses 9 proprietary growth factors to explain what drives growth within and across the industry and tells you when growth may be masking a negative story or trend.
- Convergence offers its clients "Competitive Analysis" insights that decompose and benchmark growth to the market and selected peers, across 7 Fund Types, and the top 10 strategies in the Hedge Fund segment.

Terms Used in Our League Tables

Terms and Definitions

- Peer Groups and Values
 - O Peer Groups were built based on size similarities and their fund and asset rank
- Market Y-Y Growth
 - Year-over-year % growth in total Funds and Assets, based on 100% of ADV filings at our reporting date
- Peer Group Y-Y Growth
 - Year-over-year % growth in the Funds and Assets of the entire Peer Group, and individual Administrators
- · Growth vs. Market
 - o Compares the Peer Group and individual Administrator's growth rate to the Market's growth rate
- · Growth vs. Peer
 - o Compares individual Administrator growth rate to the Peer Group growth rate
- SOM 20 and SOM 19
 - Share of Market at period end 2020 and 2019
- SOM Change
 - O Signifies whether the Administrator Gained (+) or Lost (-) Market Share in the last 12 months
- · Rank 20 and Rank 19
 - o Convergence ranks each Administrator in order of Fund Assets and Size. #1 signifies the largest
- Rank Changes
 - 2019 Rank less 2020 Rank. A positive value means the Administrator improved its ranking
- Not Reported
 - Means that we are unable to map the private fund to an SEC or State registered investment Adviser and therefore
 cannot attribute it to an Audit firm with enough confidence to include it with the Audit or private funds.

2020 Fund Administrator League Table Upgrade

- Effective with the release of our January 2020 Fund Administrator League tables, we are proud to announce the addition of 23,937 private funds and \$1.3TR in AUA to the analysis.
- We spent several years evaluating, normalizing and curating new data sources to identify the types of private funds not disclosed in Form ADV, curate the data to our accuracy standards and develop various approaches to attribute them to Fund Administrators and Auditors.
- Our private fund database is the largest and most comprehensive in the market. We track 87,000 Hedge, Private Equity, Venture Capital, Real Estate, Securitized Assets and Other funds and describe them with 60 different data artifacts.
- Convergence clients can request a list the new funds we attributed to them and discuss our methodology.

Top 25 Administrators By Funds and Assets-All Fund Types

Convergence Ju	ne 2020 Adr	ninistrato	r League	Tables-Pri	vate Fund	s _				Converge	nce June 2020 A	Administr <u>ato</u>	r League T <u>abl</u>	es-Privat <u>e</u> F	und Assets				
All		June-19		19-20	Market	Market	June-20	June-19	Rank	All	June-20	June-19	19-20	19-20	Market	Market	June-20	June-19	Rank
Administrator	# Funds	# Funds	Change	Change %	Share-20	Share-19	Rank	Rank	Change	Administrator	Assets	Assets	Change	Change %	Share-20	Share-19	Rank	Rank	Change
SS&C		7,940	67	0.8%	8.8%	9.1%	1	1	0	SS&C	2,870.52	2,402.32	468.20	19.5%	13.97%	13.26%	1	1	0
STATE STREET IFS	5,032	5,190	-158	-3.0%	5.5%	5.9%	2	2	0	STATE STREET IFS	2,205.36	2,183.68	21.69	1.0%	10.73%	12.05%	2	2	0
ASSURE FUND SERVICES	4,490	3,930	560	14.2%	4.9%	4.5%	3	4	1	CITCO FUNDS SERVICES	1,656.29	1,486.51	169.77	11.4%	8.06%	8.20%	3	3	0
CITCO FUNDS SERVICES	4,485	4,415	70	1.6%	4.9%	5.0%	4	3	-1	NORTHERN TRUST	1,228.75	1,068.07	160.68	15.0%	5.98%	5.89%	4	4	0
SEI FUND ADMINISTRATION	2,415	2,201	214	9.7%	2.6%	2.5%	5	5	0	BANK OF NEW YORK	1,112.55	1,019.09	93.47	9.2%	5.41%	5.62%	5	5	0
BANK OF NEW YORK	2,000	2,062	-62	-3.0%	2.2%	2.4%	6	6	0	SEI FUND ADMINISTRATION	734.19	544.96	189.22	34.7%	3.57%	3.01%	6	6	0
NORTHERN TRUST	1,919	1,899	20	1.1%	2.1%	2.2%	7	7	0	US BANCORP	553.07	451.88	101.19	22.4%	2.69%	2.49%	7	7	0
US BANCORP	1,880	1,806	74	4.1%	2.1%	2.1%	8	8	0	MORGAN STANLEY FUNDS SERVICES	498.09	406.83	91.26	22.4%	2.42%	2.25%	8	8	0
APEX FUND SERVICES	1,583	1,461	122	8.4%	1.7%	1.7%	9	9	0	JPMORGAN	460.36	398.74	61.62	15.5%	2.24%	2.20%	9	9	0
GEN II FUND SERVICES	1,412	1,059	353	33.3%	1.5%	1.2%	10	15	5	HEDGESERV	305.00	285.36	19.64	6.9%	1.48%	1.57%	10	10	0
ALTER DOMUS	1,361	992	369	37.2%	1.5%	1.1%	11	16	5	MITSUBISHI FUND SERVICES	302.80	280.18	22.62	8.1%	1.47%	1.55%	11	11	0
MORGAN STANLEY FUNDS SERVICES	1,323	1,284	39	3.0%	1.4%	1.5%	12	11	-1	GEN II FUND SERVICES	251.96	194.38	57.59	29.6%	1.23%	1.07%	12	13	1
STANDISH MANAGEMENT	1,308	1,134	174	15.3%	1.4%	1.3%	13	12	-1	APEX FUND SERVICES	219.72	194.33	25.39	13.1%	1.07%	1.07%	13	14	1
MITSUBISHI FUND SERVICES	1,284	1,355	-71	-5.2%	1.4%	1.5%	14	10	-4	ALTER DOMUS	208.83	153.41	55.42	36.1%	1.02%	0.85%	14	16	2
JPMORGAN	1,102	1,121	-19	-1.7%	1.2%	1.3%	15	14	-1	BROWN BROTHERS HARRIMAN	208.44	230.60	-22.15	-9.6%	1.01%	1.27%	15	12	-3
HEDGESERV	1,100	1,123	-23	-2.0%	1.2%	1.3%	16	13	-3	AZTEC FINANCIAL SERVICES	201.84	127.72	74.12	58.0%	0.98%	0.70%	16	18	2
NAV CONSULTING	952	871	81	9.3%	1.0%	1.0%	17	17	0	MAPLES FUND SERVICES	169.71	161.48	8.22	5.1%	0.83%	0.89%	17	15	-2
SANNE TRUST COMPANY	765	751	14	1.9%	0.8%	0.9%	18	19	1	SANNE TRUST COMPANY	166.07	136.14	29.93	22.0%	0.81%	0.75%	18	17	-1
MAPLES FUND SERVICES	762	776	-14	-1.8%	0.8%	0.9%	19	18	-1	HARMONIC FUND SERVICES	143.00	117.24	25.76	22.0%	0.70%	0.65%	19	19	0
IQ-EQ	736	661	75	11.3%	0.8%	0.8%	20	20	0	STANDISH MANAGEMENT	134.23	100.23	33.99	33.9%	0.65%	0.55%	20	20	0
TRIDENT FUND SERVICES	704	661	43	6.5%	0.8%	0.8%	21	20	-1	ULTIMUS LEVERPOINT FUNDS SERVICES	107.74	89.37	18.37	20.6%	0.52%	0.49%	21	21	0
ULTIMUS LEVERPOINT FUNDS SERVICES	700	610	90	14.8%	0.8%	0.7%	22	21	-1	VIRTUS GROUP	89.15	71.07	18.08	25.4%	0.43%	0.39%	22	25	3
ADURO ADVISORS	577	442	135	30.5%	0.6%	0.5%	23	24	1	ESTERA MANAGEMENT	82.56	83.08	-0.52	-0.6%	0.40%	0.46%	23	23	0
HC GLOBAL FUND SERVICES	550	421	129	30.6%	0.6%	0.0%	24	25	1	BNP CREDIT SUISSE	81.53	86.02	-4.48	-5.2%	0.40%	0.47%	24	22	-2
UMB FUND SERVICES	522	524	-2	-0.4%	0.6%	0.6%	25	22	-3	IQ-EQ	77.53	73.63	3.90	5.3%	0.38%	0.41%	25	24	-1
SELF ADMINISTERED	30,993	30,139	854	2.8%	33.9%	34.4%				SELF ADMINISTERED	5,009.08	4,576.38	432.70	9.5%	24.38%	25.26%			
ALL OTHER	13,528	13,243	285	2.2%	14.8%	15.1%				ALL OTHER	1,470.08	1,195.81	274.26	22.9%	7.15%	6.60%			
TOTAL	91,490	87,650	3,840	4.4%	100.0%	100.0%				TOTAL	20,548.46	18,118.51	2,429.95	13.4%	100.00%	100.00%			
SELF ADMIN RATE		34.4%	-0.5%	-1.5%						SELF ADMIN RATE	24.4%	25.3%	-0.9%	-3.5%					

Please be advised that the columns in the league tables have been modified to improve readability

Company Leadership



John Phinney, Chairman and Co-President

Career History

Apollo Global Management-Fund Group: CFO/COO, Rohatyn Group: CFO/COO, JPMorgan [Various Divisions]: CFO, Fidelity Alternative Investments: Director of Operations

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Career History

Executive Management Consultant, Atlas Data: Chief Executive Officer and Co-founder, J. & W. Seligman & Co. Incorporated: V.P. Human Resources, UJB-Financial: V.P. Employee Benefits

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George Gainer, CPA Global Head - Client Management

Career History

Gravitas: Finance & Business Performance Analyst, Apollo [through Gravitas]: Business Analysis & Reporting, Iron Mountain: Acquisition Accounting Manager, KPMG: Transaction Services Manager, Deloitte: Audit Senior Staff ggainer@convergenceinc.com



John Pethtel, Chief Technology Officer

Career History

Bank of America – Head of Global Equities Reference Data and Client Delivery, Merrill Lynch: Portfolio Risk Analytics Technology Head, ITG: Senior Product Manager Market and Reference Data, Nicholas Applegate: Market and Reference Data Head

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George Evans, Co-President

Career History

Gladstone Associates: Managing Director, GlobeOp Financial, Outsource Partners International, BISYS Financial Services: Global Head of Business Development, JPMorgan Investor Services: Senior Vice President, The Prudential: Assistant Treasurer gevans@convergenceinc.com



James Kelly, Senior Managing Director-Institutional Investors

Career History

Citibank-Head Capital Introduction (Americas), Morgan Stanley-Head Capital Introduction (Americas), Texas Alternative Investment Association-Advisory Board, Bear Stearns-Managing Director of Transition Management, NYSE-Floor Official and Member Judiciary Hearing Panel

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Vidya Minukuri, Global Head of Data Science & Research

Career History

Tata Consultancy Services: Assistant Business Consultant & Project Manager, British Telecom [through TCS]: Lead Business Analyst & Solution Architect, Ericsson [through TCS]: IT Systems Engineer and IT development team leader

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