Fund Administrator
League Tables

Global
Funds and AuA

Reporting Period Apr 2022 – Apr 2023



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About this League Table Report (2022 Upgrade)

- Our League Tables leverage the most comprehensive database of active funds and advisers in the market. Convergence is the only firm to have a complete set of advisers and funds including:
 - o SEC registered private and public funds and advisers
 - State registered private and public funds and advisers
 - Unregistered private funds and advisers
 - o EU UCITS and private funds
 - Non-pooled investment entities
- Additional Fund Administrator League Tables for Funds and AuA are available to Convergence Clients in the following cuts:
 - o Private Funds, and within private funds, in the following sub-cuts
 - Hedge, Private Equity, Real Estate, Venture Capital, Securitized Assets, Hybrid and Liquidity Funds
 - o Public Funds and within public funds, in the following sub-cuts
 - By fund strategy (30+)
- Effective with the publication of our January 2022 League Tables, Convergence considers Administrator acquisitions as part of the growth metrics which now includes organic and inorganic growth.

Fund Administrator League Table – Global Funds

Convergence -	April 202	3 League	Tables -	Administrat	or Market	Segment.	Funds			
All		Apr -22	22-23	22-23	Market	Market	22-23	Apr -23	Apr -22	22-23
Administrators	#FR	#FR					Change %	_	Rank	Change
SS&C	12,356	12,186	170	1.4%	4.8%	5.2%	-8.4%	1	1	0
STATE STREET IFS	9,940	9,441	499	5.3%	3.9%	4.1%	-4.9%	2	2	0
APEX FUND SERVICES	8,867	7,139	1,728	24.2%	3.4%	3.1%	12.2%	3	3	0
CITCO FUNDS SERVICES	5,456	4,905	551	11.2%	2.1%	2.1%	0.5%	4	5	1
NORTHERN TRUST	4,025	3,897	128	3.3%	1.6%	1.7%	-6.7%	5	6	1
BNP PARIBAS	3,998	3,799	199	5.2%	1.5%	1.6%	-4.9%	6	7	1
BANK OF NEW YORK	3,793	3,752	41	1.1%	1.5%	1.6%	-8.7%	7	8	1
SEI FUND ADMINISTRATION	3,513	3,226	287	8.9%	1.4%	1.4%	-1.6%	8	9	1
ALTER DOMUS	3,268	2,484	784	31.6%	1.3%	1.1%	18.8%	9	12	3
CARTA (ESHARES)	2,927	1,977	950	48.1%	1.1%	0.8%	33.7%	10	16	6
GEN II FUND SERVICES	2,920	2,463	457	18.6%	1.1%	1.1%	7.1%	11	13	2
JPMORGAN	2,852	2,638	214	8.1%	1.1%	1.1%	-2.4%	12	10	-2
US BANCORP	2,777	2,570	207	8.1%	1.1%	1.1%	-2.4%	13	11	-2
STANDISH MANAGEMENT	2,495	2,095	400	19.1%	1.0%	0.9%	7.6%	14	15	1
ADURO ADVISORS	2,319	1,417	902	63.7%	0.9%	0.6%	47.8%	15	24	9
CREDIT AGRICOLE FUNDS SERVICES	2,084	2,097	-13	-0.6%	0.8%	0.9%	-10.2%	16	14	-2
NAV CONSULTING	2,074	1,507	567	37.6%	0.8%	0.6%	24.3%	17	22	5
MORGAN STANLEY	1,791	1,737	54	3.1%	0.7%	0.7%	-6.9%	18	17	-1
SOCIETE GENERALE	1,647	1,568	79	5.0%	0.6%	0.7%	-5.1%	19	19	0
ULTIMUS LEVERPOINT FUNDS SERVICES	1,618	1,420	198	13.9%	0.6%	0.6%	2.9%	20	23	3
BROWN BROTHERS HARRIMAN	1,563	1,557	6	0.4%	0.6%	0.7%	-9.3%	21	20	-1
MITSUBISHI FUND SERVICES	1,524	1,512	12	0.8%	0.6%	0.6%	-9.0%	22	21	-1
ROYAL BANK OF CANADA	1,522	1,572	-50	-3.2%	0.6%	0.7%	-12.6%	23	18	-5
IQ-EQ	1,413	1,034	379	36.7%	0.5%	0.4%	23.4%	24	28	4
HC GLOBAL FUND SERVICES	1,356	614	742	120.8%	0.5%	0.3%	99.5%	25	40	15
TOP 25	88,098	78,607	9,491	12.1%	34.1%	33.7%	1.2%			
NON COMPETITIVE GROUP	1,488	1,595	-107	-6.7%	0.6%	0.7%	-15.7%			
ALL OTHER	58,986	62,380	-3,394	-5.4%	22.9%	26.8%	-14.6%			
SELF ADMINISTERED	54,506	48,872	5,634	11.5%	21.1%	21.0%	0.7%			
UNATTRIBUTED	54,915	41,570	13,345	32.1%	21.3%	17.8%	19.3%			
TOTAL RELATIONSHIPS	257,993	233,024	24,969	10.7%	100.0%	100.0%	0.0%			
TOTAL LINIOUE FUNDS	256 026	220 703	26 323	11 50%	00 2%	08 6%	0.7%			

Fund Administrator Peer Analysis – Fund Growth and Market Share

Best and Worst Performing Peer Groups

- Admins ranked 11-25 registered the highest growth in funds
 - o Funds increased 16.10%, or 1.50x the market
 - Market share increased from 11.07% to 11.61%
 - ➤ An increase of 4.86%
- Admins ranked >25 registered the smallest growth in funds
 - o Funds decreased 5.44%, or -0.51x the market
 - Market share decreased from 26.77% to 22.86%
 - ➤ A decrease of 14.59%

Peer Group Performance by Fund Relationships									
Administrator	Y-Y	Growth	SOM	SOM	SOM	SOM			
Peer Group Analysis	Growth	vs-MKT	2023	2022	Change	Change %			
Market Growth Funds	11.46%		100%	100%					
Market Growth Relationships	10.72%		100%	100%					
Admins Ranked 1-5	8.19%	0.76	15.75%	16.12%	-0.37%	-2.28%			
Admins Ranked 6-10	14.84%	1.38	6.78%	6.54%	0.24%	3.72%			
Admins Ranked 11-25	16.10%	1.50	11.61%	11.07%	0.54%	4.86%			
All Other Admins	-5.44%	-0.51	22.86%	26.77%	-3.91%	-14.59%			
Self Administered	11.53%	1.08	21.13%	20.97%	0.15%	0.73%			

Fund Administrator - League Table – Global AUA

Convergence - April 2023 League Tables - Administrator Market Segment - Fund Assets										
All	Apr -23	Apr -22	22-23	22-23	Market	Market	22-23	Apr -23	Apr -22	22-23
Administrators	FR-AUA	FR-AUA	Change	Change %	Share-23	Share-22	Change %	Rank	Rank	Change
STATE STREET IFS	\$5,704.4	\$5,850.5	-\$146.1	-2.5%	7.2%	7.2%	0.4%	1	1	0
SS&C	\$4,895.4	\$5,563.4	-\$668.0	-12.0%	6.2%	6.8%	-9.4%	2	2	0
JPMORGAN	\$2,967.0	\$2,982.3	-\$15.3	-0.5%	3.7%	3.6%	2.4%	3	3	0
NORTHERN TRUST	\$2,811.6	\$2,897.9	-\$86.3	-3.0%	3.5%	3.5%	-0.1%	4	4	0
BANK OF NEW YORK	\$2,602.6	\$2,695.1	-\$92.5	-3.4%	3.3%	3.3%	-0.6%	5	5	0
CITCO FUNDS SERVICES	\$2,277.1	\$2,284.4	-\$7.3	-0.3%	2.9%	2.8%	2.6%	6	6	0
BNP PARIBAS	\$1,467.0	\$1,452.7	\$14.3	1.0%	1.8%	1.8%	4.0%	7	7	0
APEX FUND SERVICES	\$1,438.3	\$1,301.5	\$136.8	10.5%	1.8%	1.6%	13.8%	8	8	0
SEI FUND ADMINISTRATION	\$1,250.7	\$1,189.2	\$61.5	5.2%	1.6%	1.5%	8.3%	9	9	0
US BANCORP	\$1,186.1	\$1,151.7	\$34.4	3.0%	1.5%	1.4%	6.0%	10	11	1
MORGAN STANLEY	\$983.9	\$1,161.8	-\$177.9	-15.3%	1.2%	1.4%	-12.8%	11	10	-1
BROWN BROTHERS HARRIMAN	\$968.0	\$1,049.7	-\$81.7	-7.8%	1.2%	1.3%	-5.1%	12	12	0
ALTER DOMUS	\$717.1	\$565.6	\$151.5	26.8%	0.9%	0.7%	30.5%	13	16	3
HONG KONG SHANGHAI BANKING CORP	\$663.7	\$710.1	-\$46.3	-6.5%	0.8%	0.9%	-3.8%	14	13	-1
GEN II FUND SERVICES	\$651.0	\$551.4	\$99.6	18.1%	0.8%	0.7%	21.6%	15	17	2
MITSUBISHI FUND SERVICES	\$611.4	\$589.2	\$22.2	3.8%	0.8%	0.7%	6.9%	16	14	-2
CREDIT AGRICOLE FUNDS SERVICES	\$515.7	\$571.7	-\$56.0	-9.8%	0.6%	0.7%	-7.1%	17	15	-2
SOCIETE GENERALE	\$489.5	\$547.1	-\$57.6	-10.5%	0.6%	0.7%	-7.9%	18	18	0
ROYAL BANK OF CANADA	\$469.8	\$545.3	-\$75.5	-13.8%	0.6%	0.7%	-11.3%	19	19	0
STANDISH MANAGEMENT	\$458.4	\$440.6	\$17.8	4.0%	0.6%	0.5%	7.1%	20	21	1
HEDGESERV	\$458.0	\$482.1	-\$24.1	-5.0%	0.6%	0.6%	-2.2%	21	20	-1
MASSACHUSETT FIN	\$371.3	\$0.0	\$371.3	0.0%	0.5%	0.0%	0.0%	22	0	-22
AZTEC FINANCIAL SERVICES	\$362.0	\$365.2	-\$3.2	-0.9%	0.5%	0.4%	2.1%	23	22	-1
ULTIMUS LEVERPOINT FUNDS SERVICES	\$303.1	\$261.9	\$41.2	15.7%	0.4%	0.3%	19.2%	24	28	4
AVIVA GROUP	\$289.6	\$332.6	-\$43.1	-12.9%	0.4%	0.4%	-10.4%	25	23	-2
TOP 25	\$34,912.8	\$35,543.1	-\$630.4	-1.8%	43.9%	43.5%	1.1%			
NON COMPETITIVE GROUP	\$9,194.0	\$10,232.3	-\$1,038.3	-10.1%	11.6%	12.5%	-7.5%			
ALL OTHER	\$9,747.4	\$10,041.0	-\$293.6	-2.9%	12.3%	12.3%	0.0%			
SELF ADMINISTERED	\$22,290.8	\$23,059.1	-\$768.3	-3.3%	28.1%	28.2%	-0.5%			
UNATTRIBUTED	\$3,298.2	\$2,922.6	\$375.6	12.9%	4.2%	3.6%	16.2%			
TOTAL RELATIONSHIPS	\$79,443.1	\$81,798.1	-\$2,355.0	-2.9%	100.0%	100.0%	0.0%			
TOTAL LINIOUE FUNDS	\$78 004 5	\$81 355 2	\$2.450.7	-3.00%	00 20%	00 5%	-0.2%			

Fund Administrator Peer Analysis – AUA Growth and Market Share

Best and Worst Performing Peer Groups

- Admins ranked 6-10 registered the highest AuA growth
 - o AuA increased 3.25%, or 1.13x the market
 - o Market share increased from 9.02% to 9.59%
 - ➤ An increase of 6.31%
- Admins ranked 1-5 registered the lowest AuA growth
 - o AuA declined 5.04%, or -1.75x the market
 - O Market share decreased from 24.44% to 23.89%
 - A decrease of 2.23%

Peer Group Performance by Fund Assets										
Administrator	Y-Y	Growth	SOM	SOM	SOM	SOM				
Peer Group Analysis	Growth	vs-MKT	2023	2022	Change	Change %				
Market Growth Assets	-3.01%		100%	100%						
Market Growth Relationships	-2.88%		100%	100%						
Admins Ranked 1-5	-5.04%	-1.75	23.89%	24.44%	-0.54%	-2.23%				
Admins Ranked 6-10	3.25%	1.13	9.59%	9.02%	0.57%	6.31%				
Admins Ranked 11-25	1.69%	0.59	10.46%	9.99%	0.47%	4.71%				
All Other Admins	-2.92%	-1.02	12.27%	12.28%	-0.01%	-0.05%				
Self Administered	-3.33%	-1.16	28.06%	28.19%	-0.13%	-0.47%				

About Convergence

- 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 using 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.

Additional Analytics Available for the Fund Administrator Segment

Convergence offers several additional datasets and analytical tools that can be used to support business development and risk management efforts...

Competitive Analysis (Business Development)

- o Compare your growth and market share to a defined peer group in multiple fund type segments
- o Growth is broken down in up to 9 growth factors, each which reveals a story

Client New Fund Flow Analytics (Business Development)

- Identify new flows into client funds
- o Allows you to determine if you are getting your fair share of the change

• Clients at Risk (Client Management)

O Convergence predictive analytics can identify clients likely to move their business to a competitor in full, or partially through diversification

• Client Operational Risk Profiles (Risk Management)

Onvergence proprietary risk factors can identify high-risk business conditions in your prospective or existing clients that can create financial and reputational risk to your firm

ESG Business Profiles

o Convergence measures the ESG sensitivity of investment advisers. This differs from ESG investing measurement and complements your work on ESG investing.

Terms Used in Our Fund Administrator League Tables

Global Funds and Assets

 Measures public and private funds and assets domiciled in US and non-US locations that Convergence can attribute to one or more Fund Administrators.

US Funds and Assets

 Measures public and private funds and assets domiciled in the US that Convergence can attribute to one or more Fund Administrators.

Non-US Funds and Assets

 Measures public and private funds and assets domiciled outside the United States that Convergence can attribute to one or more Fund Administrators.

Self-Administered Funds – Global – US – Non-US

 Measures public and private funds and assets domiciled in US and non-US locations that are being serviced by the investment adviser or a controlled affiliate.

Unattributed Funds and Assets – Global – US – Non-US

 Measures public and private funds and assets domiciled in US and non-US locations that Convergence cannot attribute to one or more Fund Administrators.

Total Fund Relationships

 Measures public and private funds and assets domiciled in US and non-US locations that Convergence attributes to one or more Fund Administrators. While not common, a fund can have more than one Administrator.

Total Unique Funds

Measures public and private funds and assets domiciled in US and non-US locations.

All Other Administrators

o Is a measure of funds and assets attributed to Fund Administrators ranked outside the Top 25.

• Non-Competitive Group

Is a measure of funds and assets attributed to entities that primarily service public funds of related asset managers.

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The Convergence Leadership Team



John Phinney, Chairman and CEO

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



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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George Evans, Co-President and Chief Revenue Officer

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

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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

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David Etzbach, Managing Director, Custodians and Allocators

Career History

Nod Hill Investment Partners, Founder, Steinberg Asset Management, Managing Director, Fidelity Investments / Pyramis Global Advisors, Senior Vice President, Credit Suisse Asset Management, Director, Citigroup Asset Management / Legg Mason, Director / Vice President, JP Morgan - Global Investor Services, Vice President, Bankers Trust

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