Fund Custodians League Tables

Global Funds and AUC

Reporting Period Jan 2023 - Jan 2024



OPTIMAL PERFORMANCE

Table of Contents – Custodians

Slide Description

Page#

| About this Report | 3 |
|--|----|
| Top 25 Fund Custodians League Tables – Global Funds | 4 |
| Fund Custodians Peer Groups – Global Fund Growth and Market Share | 5 |
| Top 25 Fund Custodians League Tables – Global AUC | 6 |
| Custodians Peer Groups – Global AUC Growth & Market Share | 7 |
| Top 25 Fund Custodians League Tables – Global Single Funds | 8 |
| Fund Custodians Peer Groups – Global Single Fund Growth and Market Share | 9 |
| Top 25 Fund Custodians League Tables – Global Single AUC | 10 |
| Custodians Peer Groups – Global Single AUC Growth & Market Share | 11 |
| Top 25 Fund Custodians League Tables – Global Multi Funds | 12 |
| Fund Custodians Peer Groups – Global Multi Fund Growth and Market Share | 13 |
| Top 25 Fund Custodians League Tables – Global Multi AUC | 14 |
| Custodians Peer Groups – Global Multi AUC Growth & Market Share | 15 |
| About Convergence | 16 |
| Additional Analytics available for Fund Custodians | 17 |
| Terms used in Our League Tables | 18 |
| Additional Analytics available for the Custodians Segment | 19 |
| Disclaimer | 20 |
| Convergence Leadership Team | 21 |

About this League Table Report

- 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
 - o Unregistered private funds and advisers
 - EU UCITS and private funds
 - o Non-pooled investment entities
- This report includes all US and non-US funds and is divided into 3-Section
 - Funds that use one or more custodians
 - Funds that use a "single" custodians
 - Funds that use "multiple" custodians
- Additional Fund custodians League Tables for custodians Funds and AUC are available to Convergence Clients in the following cuts:
 - Private Funds, and within private funds, in the following sub-cuts
 - Hedge, Private Equity, Real Estate, Venture Capital, Securitized Assets, Hybrid and Liquidity Funds
 - Public Funds and within public funds, in the following sub-cuts
 - By fund strategy (30+)

Custodians League Table - Global Funds

| one Tabl | es - Cust | odians M | larket Segm | ent - Fund | Relations | shins | | | |
|----------|--|---|---|---|--|---|--|--|---|
| <u> </u> | | | 23-24 | | | 23-24 | Jan -24 | Jan -23 | 23-24 |
| #FR | #FR | | | | | | | Rank | Change |
| 31,632 | 18,022 | 13,610 | 75.5% | 13.6% | 7.9% | 70.8% | 1 | 1 | 0 |
| 16,609 | 15,551 | 1,058 | 6.8% | 7.1% | 6.8% | 4.0% | 2 | 3 | 1 |
| 15,685 | 14,669 | 1,016 | 6.9% | 6.7% | 6.5% | 4.1% | 3 | 4 | 1 |
| 12,742 | 808 | 11,934 | 1477.0% | 5.5% | 0.4% | 1434.9% | 4 | 35 | 31 |
| 11,656 | 10,654 | 1,002 | 9.4% | 5.0% | 4.7% | 6.5% | 5 | 6 | 1 |
| 8,825 | 8,183 | 642 | 7.8% | 3.8% | 3.6% | 5.0% | 6 | 7 | 1 |
| 6,712 | 6,339 | 373 | 5.9% | 2.9% | 2.8% | 3.1% | 7 | 8 | 1 |
| 6,230 | 5,896 | 334 | 5.7% | 2.7% | 2.6% | 2.8% | 8 | 9 | 1 |
| 5,968 | 5,832 | 136 | 2.3% | 2.6% | 2.6% | -0.4% | 9 | 10 | 1 |
| 5,775 | 5,591 | 184 | 3.3% | 2.5% | 2.5% | 0.5% | 10 | 11 | 1 |
| 5,748 | 3,471 | 2,277 | 65.6% | 2.5% | 1.5% | 61.2% | 11 | 17 | 6 |
| 5,706 | 5,166 | 540 | 10.5% | 2.4% | 2.3% | 7.5% | 12 | 12 | 0 |
| 4,848 | 3,831 | 1,017 | 26.5% | 2.1% | 1.7% | 23.2% | 13 | 16 | 3 |
| 4,544 | 3,909 | 635 | 16.2% | 1.9% | 1.7% | 13.1% | 14 | 15 | 1 |
| 4,355 | 4,332 | 23 | 0.5% | 1.9% | 1.9% | -2.2% | 15 | 14 | -1 |
| 2,744 | 2,623 | 121 | 4.6% | 1.2% | 1.2% | 1.8% | 16 | 18 | 2 |
| 2,323 | 2,270 | 53 | 2.3% | 1.0% | 1.0% | -0.4% | 17 | 19 | 2 |
| 2,054 | 2,100 | -46 | -2.2% | 0.9% | 0.9% | -4.8% | 18 | 21 | 3 |
| 1,993 | 1,843 | 150 | 8.1% | 0.9% | 0.8% | 5.3% | 19 | 22 | 3 |
| 1,844 | 1,473 | 371 | 25.2% | 0.8% | 0.6% | 21.8% | 20 | 24 | 4 |
| 1,595 | 1,416 | 179 | 12.6% | 0.7% | 0.6% | 9.6% | 21 | 25 | 4 |
| 1,566 | 1,543 | 23 | 1.5% | 0.7% | 0.7% | -1.2% | 22 | 23 | 1 |
| 1,554 | 1,329 | 225 | 16.9% | 0.7% | 0.6% | 13.8% | 23 | 27 | 4 |
| 1,407 | 2,239 | -832 | -37.2% | 0.6% | 1.0% | -38.8% | 24 | 20 | -4 |
| 1,373 | 1,394 | -21 | -1.5% | 0.6% | 0.6% | -4.1% | 25 | 26 | 1 |
| 165,488 | 130,484 | 35,004 | 26.8% | 70.9% | 57.4% | 23.4% | | | |
| 67,862 | 96,643 | -28,781 | -29.8% | 29.1% | 42.6% | -31.7% | | | |
| 233,350 | 227,127 | 6,223 | 2.7% | 72.7% | 72.3% | 0.6% | | | |
| 36,530 | 33,693 | 2,837 | 8.4% | 11.4% | 10.7% | 6.1% | | | |
| 51,095 | 53,324 | -2,229 | -4.2% | 15.9% | 17.0% | -6.2% | | | |
| 87,625 | 87,017 | 608 | 0.7% | 27.3% | 27.7% | -1.4% | | | |
| 320,975 | 314,144 | 6,831 | 2.2% | 100.0% | 100.0% | 0.0% | | | |
| | Jan -24 #FR 31,632 16,609 15,685 12,742 11,656 8,825 6,712 6,230 5,968 5,775 5,748 5,706 4,848 4,544 4,355 2,744 2,323 2,054 1,993 1,844 1,595 1,566 1,554 1,407 1,373 165,488 67,862 233,350 36,530 51,095 87,625 | Jan -24Jan -23#FR#FR31,63218,02216,60915,55115,68514,66912,74280811,65610,6548,8258,1836,7126,3396,2305,8965,9685,8325,7755,5915,7483,4715,7065,1664,8483,8314,5443,9094,3554,3322,7442,6232,3232,2702,0542,1001,9931,8431,8441,4731,5951,4161,5661,5431,5541,3291,4072,2391,3731,394165,488130,48467,86296,643233,350227,12736,53033,69351,09553,324 | Jan -24 Jan -23 23-24 #FR #FR Change 31,632 18,022 13,610 16,609 15,551 1,058 15,685 14,669 1,016 12,742 808 11,934 11,656 10,654 1,002 8,825 8,183 642 6,712 6,339 373 6,230 5,896 334 5,968 5,832 136 5,775 5,591 184 5,748 3,471 2,277 5,706 5,166 540 4,848 3,831 1,017 4,544 3,909 635 4,355 4,332 23 2,744 2,623 121 2,323 2,270 53 2,054 2,100 -46 1,993 1,843 150 1,844 1,473 371 1,595 1,416 179 1,566 | Jan -24 Jan -23 23-24 23-24 #FR #FR Change Change % 31,632 18,022 13,610 75.5% 16,609 15,551 1,058 6.8% 15,685 14,669 1,016 6.9% 12,742 808 11,934 1477.0% 11,656 10,654 1,002 9.4% 8,825 8,183 642 7.8% 6,712 6,339 373 5.9% 6,230 5,896 334 5.7% 5,968 5,832 136 2.3% 5,706 5,166 540 10.5% 4,848 3,831 1,017 26.5% 4,544 3,909 635 16.2% 4,355 4,332 23 0.5% 2,744 2,623 121 4.6% 2,323 2,270 53 2.3% 1,993 1,843 150 8.1% 1,844 1,4 | Jan -24 Jan -23 23-24 23-24 Market #FR #FR Change Change Market 31,632 18,022 13,610 75.5% 13.6% 16,609 15,551 1,058 6.8% 7.1% 15,685 14,669 1,016 6.9% 6.7% 12,742 808 11,934 1477.0% 5.5% 11,656 10,654 1,002 9.4% 5.0% 8,825 8,183 642 7.8% 3.8% 6,712 6,339 373 5.9% 2.9% 6,230 5,896 334 5.7% 2.7% 5,968 5,832 136 2.3% 2.5% 5,716 5,166 540 10.5% 2.4% 4,848 3,831 1,017 26.5% 2.1% 4,544 3,909 635 16.2% 1.9% 2,744 2,623 121 4.6% 1.2% 2,323 2,270 <td>Jan -24 Jan -23 23-24 23-24 Market Market #FR #FR Change Change Share-24 Share-23 31,632 18,022 13,610 75.5% 13.6% 7.9% 16,609 15,551 1,058 6.8% 7.1% 6.8% 15,685 14,669 1,016 6.9% 6.7% 6.5% 12,742 808 11,934 1477.0% 5.5% 0.4% 8,825 8,183 642 7.8% 3.8% 3.6% 6,712 6,339 373 5.9% 2.9% 2.8% 6,230 5,896 334 5.7% 2.7% 2.6% 5,768 5,832 136 2.3% 2.5% 2.5% 5,748 3,471 2,277 65.6% 2.5% 1.5% 5,706 5,166 540 10.5% 2.4% 2.3% 4,848 3,831 1,017 26.5% 2.1% 1.7%</td> <td>#FR #FR Change Change Share-24 Share-23 Change % 31,632 18,022 13,610 75.5% 13.6% 7.9% 70.8% 16,609 15,551 1,058 6.8% 7.1% 6.8% 4.0% 15,685 14,669 1,016 6.9% 6.7% 6.5% 4.1% 12,742 808 11,934 1477.0% 5.5% 0.4% 1434.9% 11,656 10.654 1,002 9.4% 5.0% 4.7% 6.5% 8,825 8,183 642 7.8% 3.8% 3.6% 5.0% 6,712 6,339 373 5.9% 2.9% 2.8% 3.1% 6,230 5,896 334 5.7% 2.7% 2.6% 2.8% 5,968 5,832 136 2.3% 2.5% 1.5% 61.2% 5,775 5,591 184 3.3% 2.5% 1.5% 61.2% 4,848 3,831 1,0</td> <td>Jan -24 Jan -23 23-24 23-24 Market Market Market Jan -24 #FR #FR Change Change % Share-24 Share-23 Change % Rank 31,632 18,022 13,610 75.5% 13.6% 7.9% 70.8% 1 16,609 15,551 1,058 6.8% 7.1% 6.8% 4.0% 2 15,685 14,669 1,016 6.9% 6.7% 6.5% 4.1% 3 12,742 808 11,934 1477.0% 5.5% 0.4% 1434.9% 4 11,656 10,654 1,002 9.4% 5.0% 4.7% 6.5% 5 8,825 8,183 642 7.8% 3.8% 3.6% 5.0% 6 5,968 5,832 136 2.3% 2.6% 2.8% 8 5 5,706 5,166 540 10.5% 2.4% 2.3% 7.5% 12 4,848 3,831</td> <td>Jan -24 Jan -23 23-24 23-24 Market Market Market 23-24 Jan -24 Jan -23 #FR #FR Change Change Change Share-24 Share-23 Change Rank Rank Rank 31,632 18,022 13,610 75.5% 13.6% 7.9% 70.8% 1 1 16,609 15,551 1,058 6.8% 7.1% 6.8% 4.0% 2 3 15,685 14,669 1,016 6.9% 6.7% 6.5% 4.1% 3 4 27,42 808 11,934 1477.0% 5.5% 0.4% 1434.9% 4 35 11,656 10,654 1,002 9.4% 5.0% 4.7% 6.5% 5 6 8,235 8,183 642 7.8% 3.8% 3.6% 5.0% 6 7 8 6,230 5,896 334 5.7% 2.7% 2.6% 0.4% 9</td> | Jan -24 Jan -23 23-24 23-24 Market Market #FR #FR Change Change Share-24 Share-23 31,632 18,022 13,610 75.5% 13.6% 7.9% 16,609 15,551 1,058 6.8% 7.1% 6.8% 15,685 14,669 1,016 6.9% 6.7% 6.5% 12,742 808 11,934 1477.0% 5.5% 0.4% 8,825 8,183 642 7.8% 3.8% 3.6% 6,712 6,339 373 5.9% 2.9% 2.8% 6,230 5,896 334 5.7% 2.7% 2.6% 5,768 5,832 136 2.3% 2.5% 2.5% 5,748 3,471 2,277 65.6% 2.5% 1.5% 5,706 5,166 540 10.5% 2.4% 2.3% 4,848 3,831 1,017 26.5% 2.1% 1.7% | #FR #FR Change Change Share-24 Share-23 Change % 31,632 18,022 13,610 75.5% 13.6% 7.9% 70.8% 16,609 15,551 1,058 6.8% 7.1% 6.8% 4.0% 15,685 14,669 1,016 6.9% 6.7% 6.5% 4.1% 12,742 808 11,934 1477.0% 5.5% 0.4% 1434.9% 11,656 10.654 1,002 9.4% 5.0% 4.7% 6.5% 8,825 8,183 642 7.8% 3.8% 3.6% 5.0% 6,712 6,339 373 5.9% 2.9% 2.8% 3.1% 6,230 5,896 334 5.7% 2.7% 2.6% 2.8% 5,968 5,832 136 2.3% 2.5% 1.5% 61.2% 5,775 5,591 184 3.3% 2.5% 1.5% 61.2% 4,848 3,831 1,0 | Jan -24 Jan -23 23-24 23-24 Market Market Market Jan -24 #FR #FR Change Change % Share-24 Share-23 Change % Rank 31,632 18,022 13,610 75.5% 13.6% 7.9% 70.8% 1 16,609 15,551 1,058 6.8% 7.1% 6.8% 4.0% 2 15,685 14,669 1,016 6.9% 6.7% 6.5% 4.1% 3 12,742 808 11,934 1477.0% 5.5% 0.4% 1434.9% 4 11,656 10,654 1,002 9.4% 5.0% 4.7% 6.5% 5 8,825 8,183 642 7.8% 3.8% 3.6% 5.0% 6 5,968 5,832 136 2.3% 2.6% 2.8% 8 5 5,706 5,166 540 10.5% 2.4% 2.3% 7.5% 12 4,848 3,831 | Jan -24 Jan -23 23-24 23-24 Market Market Market 23-24 Jan -24 Jan -23 #FR #FR Change Change Change Share-24 Share-23 Change Rank Rank Rank 31,632 18,022 13,610 75.5% 13.6% 7.9% 70.8% 1 1 16,609 15,551 1,058 6.8% 7.1% 6.8% 4.0% 2 3 15,685 14,669 1,016 6.9% 6.7% 6.5% 4.1% 3 4 27,42 808 11,934 1477.0% 5.5% 0.4% 1434.9% 4 35 11,656 10,654 1,002 9.4% 5.0% 4.7% 6.5% 5 6 8,235 8,183 642 7.8% 3.8% 3.6% 5.0% 6 7 8 6,230 5,896 334 5.7% 2.7% 2.6% 0.4% 9 |

Fund Custodians Peer Analysis – Global Funds - Growth and Market Share

- Custodians ranked 1-10 registered the highest growth in funds
 - Funds increased 33.09%, or 12.08x the market
 - Market share increased from 40.31% to 52.21%
 - \blacktriangleright An increase of 29.54%
- Custodians ranked >25 registered the lowest growth in funds
 - \circ Funds decreased 29.78%, or -10.87x the market
 - Market share decreased from 42.55% to 29.08%
 - \blacktriangleright A decrease of 31.65%

| Peer | Group Per | formance by F | und Relationships | | | |
|--|-----------|---------------|-------------------|--------|---------|----------|
| Custodians | Y-Y | Growth | SOM | SOM | SOM | SOM |
| Peer Group Analysis | Growth | vs-MKT | 2024 | 2023 | Change | Change % |
| Market Growth Funds | 2.17% | | 100% | 100% | | |
| Market Growth Custodians Disclosed | 2.74% | 1.26 | 72.70% | 72.30% | 0.40% | 0.55% |
| Custodians Ranked 1-10 | 33.09% | 12.08 | 52.21% | 40.31% | 11.91% | 29.54% |
| Custodians Ranked 11-25 | 12.11% | 4.42 | 18.71% | 17.14% | 1.56% | 9.12% |
| All Other Custodians | -29.78% | -10.87 | 29.08% | 42.55% | -13.47% | -31.65% |
| Market Growth Custodians Not Disclosed | 0.70% | 0.32 | 27.30% | 27.70% | -0.40% | -1.44% |

Fund Custodians League Table – Global AUC

| a | | | 1. 3.6 | | A (| | | | | |
|---|---------------|---------------|-------------|-----------|-------------|--------------|-------------------|---------|------|--------|
| Convergence - Jan | | | | <u> </u> | | | 22.24 | I 24 | I 02 | 22.24 |
| All Costa disea | Jan -24 | Jan -23 | 23-24 | 23-24 | | Market | 23-24 Change % | Jan -24 | | 23-24 |
| Custodians | FR-AUC | FR-AUC | Change | 0 | | | 0 | Rank | Rank | Change |
| JPMORGAN | \$20,949.01 | \$17,158.66 | \$3,790.35 | 22.1% | 14.6% | 13.0% | 12.7% | 1 | 1 | 0 |
| STATE STREET IFS | \$18,871.64 | \$16,070.83 | \$2,800.81 | 17.4% | 13.2% | 12.1% | 8.4% | 2 | 2 | 0 |
| BANK OF NEW YORK | \$14,823.23 | \$11,656.86 | \$3,166.38 | 27.2% | 10.3% | 8.8% | 17.4% | 3 | 3 | 0 |
| BANK OF AMERICA | \$7,576.07 | \$7,142.44 | \$433.63 | 6.1% | 5.3% | 5.4% | -2.1% | 4 | 4 | 0 |
| CITIBANK | \$6,361.40 | \$5,766.29 | \$595.10 | 10.3% | 4.4% | 4.4% | 1.8% | 5 | 5 | 0 |
| NORTHERN TRUST | \$4,724.29 | \$4,209.60 | \$514.69 | 12.2% | 3.3% | 3.2% | 3.6% | 6 | 8 | 2 |
| UNION BANK OF SWITZERLAND | \$4,683.26 | \$3,523.66 | \$1,159.60 | 32.9% | 3.3% | 2.7% | 22.7% | 7 | 12 | 5 |
| MORGAN STANLEY | \$4,468.10 | \$4,730.99 | -\$262.90 | -5.6% | 3.1% | 3.6% | -12.8% | 8 | 6 | -2 |
| GOLDMAN SACHS BANK USA | \$4,462.71 | \$4,420.16 | \$42.55 | 1.0% | 3.1% | 3.3% | -6.8% | 9 | 7 | -2 |
| BNP PARIBAS | \$4,156.95 | \$3,895.93 | \$261.02 | 6.7% | 2.9% | 2.9% | -1.5% | 10 | 9 | -1 |
| BARCLAYS | \$3,840.29 | \$3,537.94 | \$302.35 | 8.5% | 2.7% | 2.7% | 0.2% | 11 | 11 | 0 |
| HSBC FINANCIAL SERVICES | \$2,913.38 | \$2,659.23 | \$254.14 | 9.6% | 2.0% | 2.0% | 1.1% | 12 | 13 | 1 |
| WELLS FARGO | \$2,593.51 | \$2,659.08 | -\$65.57 | -2.5% | 1.8% | 2.0% | -10.0% | 13 | 14 | 1 |
| BROWN BROTHER HARRIMAN | \$2,475.21 | \$1,579.92 | \$895.29 | 56.7% | 1.7% | 1.2% | 44.6% | 14 | 20 | 6 |
| US BANCORP | \$2,365.43 | \$2,102.57 | \$262.86 | 12.5% | 1.6% | 1.6% | 3.8% | 15 | 17 | 2 |
| DEUTSCHE BANK | \$2,130.73 | \$2,216.42 | -\$85.68 | -3.9% | 1.5% | 1.7% | -11.3% | 16 | 16 | 0 |
| FIRST CITIZENS BANK AND TRUST | \$1,952.45 | \$0.89 | \$1,951.57 | 220086.1% | 1.4% | 0.0% | 203116.6% | 17 | 620 | 603 |
| SOCIETE GENERALE | \$1,749.90 | \$1,712.22 | \$37.67 | 2.2% | 1.2% | 1.3% | -5.7% | 18 | 18 | 0 |
| STANDARD CHARTERED BANK | \$1,479.41 | \$1,358.64 | \$120.77 | 8.9% | 1.0% | 1.0% | 0.5% | 19 | 21 | 2 |
| CACEIS | \$1,307.64 | \$1,073.62 | \$234.02 | 21.8% | 0.9% | 0.8% | 12.4% | 20 | 23 | 3 |
| BANK OF NOVA SCOTIA | \$1,042.24 | \$892.26 | \$149.98 | 16.8% | 0.7% | 0.7% | 7.8% | 21 | 25 | 4 |
| ROYAL BANK OF CANADA | \$988.85 | \$994.88 | -\$6.03 | -0.6% | 0.7% | 0.8% | -8.3% | 22 | 24 | 2 |
| FIDELITY | \$947.61 | \$1,074.47 | -\$126.85 | -11.8% | 0.7% | 0.8% | -18.6% | 23 | 22 | -1 |
| COMPUTERSHARE | \$919.77 | \$763.58 | \$156.19 | 20.5% | 0.6% | 0.6% | 11.2% | 24 | 26 | 2 |
| SKANDINAVISKA SECURITIES | \$901.53 | \$715.52 | \$186.00 | 26.0% | 0.6% | 0.5% | 16.3% | 25 | 28 | 3 |
| TOP 25 CUSTODIANS FR - ALL | \$118,684.60 | \$101,916.67 | \$16,767.93 | 16.5% | 82.8% | 77.0% | 7.5% | | | |
| ALL OTHER | \$24,699.55 | \$30,416.99 | -\$5,717.45 | -18.8% | 17.2% | 23.0% | -25.1% | | | |
| TOTAL CUSTODIANS FR AUC DISCLOSED | \$143,384.14 | \$132,333.66 | \$11,050.48 | 8.4% | 95.2% | 94.8% | 0.4% | | | |
| NOT REPORTED | \$4,672.46 | \$4,903.55 | -\$231.09 | -4.7% | 3.1% | 3.5% | -11.7% | | | |
| ELIGIBLE FUNDS - NOT ATTRIBUTED | \$2,626.92 | \$2,329.34 | \$297.58 | 12.8% | 1.7% | 1.7% | 4.5% | | | |
| TOTAL ASSETS NOT DISCLOSING A CUSTODIANS FR | \$7,299.38 | \$7,232.89 | \$66.49 | 0.9% | 4.8% | 5.2% | -6.5% | | | |
| TOTAL FUND ASSETS | \$150,683.53 | \$139,566.55 | \$11,116.98 | 8.0% | 100.0% | 100.0% | 0.0% | | | |

Fund Custodians Peer Analysis – Global AUC - Growth & Market Share

- Custodians ranked 11-25 registered the highest AUC growth
 - AUC increased 18.28%, or 2.19x the market
 - Market share increased from 17.64% to 19.25%
 - \blacktriangleright An increase of 9.16%
- Custodians ranked >25 registered the lowest AUC growth
 - AUC decreased 18.80%, or -2.25x the market
 - Market share decreased from 22.99% to 17.23%
 - \blacktriangleright A decrease of 25.06%

| Peer G | Group Perform | ance by Fund | Assets | | | |
|--|---------------|--------------|--------|--------|--------|----------|
| Custodians | Y-Y | Growth | SOM | SOM | SOM | SOM |
| Peer Group Analysis | Growth | vs-MKT | 2024 | 2023 | Change | Change % |
| Market Growth Assets | 7.97% | | 100% | 100% | | |
| Market Growth Custodians Disclosed | 8.35% | 1.05 | 95.16% | 94.82% | 0.34% | 0.36% |
| Custodians Ranked 1-10 | 15.91% | 1.91 | 63.52% | 59.38% | 4.14% | 6.98% |
| Custodians Ranked 11-25 | 18.28% | 2.19 | 19.25% | 17.64% | 1.62% | 9.16% |
| All Other Custodians | -18.80% | -2.25 | 17.23% | 22.99% | -5.76% | -25.06% |
| Market Growth Custodians Not Disclosed | 0.92% | 0.12 | 4.84% | 5.18% | -0.34% | -6.53% |

Single Fund Custodians League Table – Global Funds

| Convergence - Jan 2024 League | e Tables - | Single C | ustodian | s Market Se | egment - F | und Relat | ionships | | | |
|--|------------|----------|----------|-------------|--------------|-----------|----------|---------|---------|--------|
| Single | | Jan -23 | | 23-24 | Market | Market | 23-24 | Jan -24 | Jan -23 | 23-24 |
| Custodians | #FR | #FR | Change | Change % | Share-24 | Share-23 | Change % | Rank | Rank | Change |
| STATE STREET IFS | 13,720 | 12,652 | 1,068 | 8.4% | 12.3% | 11.8% | 3.8% | 1 | 1 | 0 |
| BANK OF NEW YORK | 10,751 | 10,146 | 605 | 6.0% | 9.6% | 9.5% | 1.4% | 2 | 2 | 0 |
| JPMORGAN | 8,704 | 8,932 | -228 | -2.6% | 7.8% | 8.3% | -6.8% | 3 | 3 | 0 |
| CITIBANK | 4,976 | 4,640 | 336 | 7.2% | 4.4% | 4.3% | 2.6% | 4 | 4 | 0 |
| CACEIS | 4,804 | 3,799 | 1,005 | 26.5% | 4.3% | 3.5% | 21.0% | 5 | 6 | 1 |
| BNP PARIBAS | 4,592 | 4,434 | 158 | 3.6% | 4.1% | 4.1% | -0.9% | 6 | 5 | -1 |
| NORTHERN TRUST | 3,888 | 3,630 | 258 | 7.1% | 3.5% | 3.4% | 2.5% | 7 | 7 | 0 |
| US BANCORP | 3,514 | 3,289 | 225 | 6.8% | 3.1% | 3.1% | 2.2% | 8 | 8 | 0 |
| HSBC FINANCIAL SERVICES | 3,362 | 2,831 | 531 | 18.8% | 3.0% | 2.6% | 13.6% | 9 | 10 | 1 |
| BANK OF AMERICA | 2,928 | 2,847 | 81 | 2.8% | 2.6% | 2.7% | -1.6% | 10 | 9 | -1 |
| BROWN BROTHER HARRIMAN | 2,519 | 2,395 | 124 | 5.2% | 2.2% | 2.2% | 0.6% | 11 | 11 | 0 |
| SOCIETE GENERALE | 1,573 | 1,587 | -14 | -0.9% | 1.4% | 1.5% | -5.2% | 12 | 13 | 1 |
| WELLS FARGO | 1,411 | 1,423 | -12 | -0.8% | 1.3% | 1.3% | -5.1% | 13 | 14 | 1 |
| CITCO FUNDS SERVICES | 1,040 | 732 | 308 | 42.1% | 0.9% | 0.7% | 35.9% | 14 | 21 | 7 |
| DZ BANK | 1,021 | 1,013 | 8 | 0.8% | 0.9% | 0.9% | -3.6% | 15 | 16 | 1 |
| UNION BANK OF SWITZERLAND | 981 | 1,060 | -79 | -7.5% | 0.9% | 1.0% | -11.4% | 16 | 15 | -1 |
| SKANDINAVISKA SECURITIES | 889 | 861 | 28 | 3.3% | 0.8% | 0.8% | -1.2% | 17 | 17 | 0 |
| HAUCK & AUFHAEUSER | 853 | 841 | 12 | 1.4% | 0.8% | 0.8% | -2.9% | 18 | 18 | 0 |
| FIRST CITIZENS BANK AND TRUST | 845 | 5 | 840 | 16800.0% | 0.8% | 0.0% | 16071.0% | 19 | 182 | 163 |
| ROYAL BANK OF CANADA | 820 | 1,912 | -1,092 | -57.1% | 0.7% | 1.8% | -59.0% | 20 | 12 | -8 |
| INTERACTIVE BROKERS | 770 | 825 | -55 | -6.7% | 0.7% | 0.8% | -10.7% | 21 | 19 | -2 |
| ROYAL BANK OF SCOTLAND | 733 | 748 | -15 | -2.0% | 0.7% | 0.7% | -6.2% | 22 | 20 | -2 |
| DEUTSCHE BANK | 695 | 698 | -3 | -0.4% | 0.6% | 0.7% | -4.7% | 23 | 22 | -1 |
| CANADIAN IMPERIAL BANK OF COMMERCE | 678 | 515 | 163 | 31.7% | 0.6% | 0.5% | 26.0% | 24 | 29 | 5 |
| GOLDMAN SACHS BANK USA | 652 | 647 | 5 | 0.8% | 0.6% | 0.6% | -3.6% | 25 | 25 | 0 |
| TOP 25 SINGLE CUSTODIANS FR | 76,719 | 72,462 | 4,257 | 5.9% | 68.5% | 67.6% | 1.3% | | | |
| ALL OTHER | 35,259 | 34,686 | 573 | 1.7% | 31.5% | 32.4% | -2.7% | | | |
| TOTAL SINGLE CUSTODIANS FR DISCLOSED | 111,978 | 107,148 | 4,830 | 4.5% | 34.9% | 34.1% | 2.3% | | | |
| NOT REPORTED | 36,530 | 33,693 | 2,837 | 8.4% | 11.4% | 10.7% | 6.1% | | | |
| ELIGIBLE FUNDS - NOT ATTRIBUTED | 51,095 | 53,324 | -2,229 | -4.2% | 15.9% | 17.0% | -6.2% | | | |
| TOTAL FUNDS NOT DISCLOSING A CUSTODIANS FR | 87,625 | 87,017 | 608 | 0.7% | 27.3% | 27.7% | -1.4% | | | |
| TOTAL FUNDS WITH MULTI-CUSTODIANS FR | 121,372 | 119,979 | 1,393 | 1.2% | 37.8% | 38.2% | -1.0% | | | |
| TOTAL FUNDS | 320,975 | 314,144 | 6,831 | 2.2% | 100.0% | 100.0% | 0.0% | | | |

- Custodians ranked 1-10 registered the highest growth in funds
 - Funds increased 7.06%, or 1.57x the market
 - Market share increased from 53.38% to 54.69%
 - \blacktriangleright An increase of 2.44%
- Custodians ranked 11-25 registered the lowest growth in funds
 - \circ Funds increased 1.43%, or 0.32x the market
 - \circ Market share decreased from 14.24% to 13.82%
 - \blacktriangleright A decrease of 2.95%

| Peer | Group Per | formance by F | und Relationships | | | |
|---|-----------|---------------|-------------------|--------|--------|----------|
| Custodians | Y-Y | Growth | SOM | SOM | SOM | SOM |
| Peer Group Analysis | Growth | vs-MKT | 2024 | 2023 | Change | Change % |
| Market Growth Funds | 2.17% | | 100% | 100% | | |
| Market Growth Single Custodians Disclosed | 4.51% | 2.07 | 34.89% | 34.11% | 0.78% | 2.28% |
| Custodians Ranked 1-10 | 7.06% | 1.57 | 54.69% | 53.38% | 1.30% | 2.44% |
| Custodians Ranked 11-25 | 1.43% | 0.32 | 13.82% | 14.24% | -0.42% | -2.95% |
| All Other Custodians | 1.65% | 0.37 | 31.49% | 32.37% | -0.88% | -2.73% |
| Market Growth Multi Custodians Disclosed | 1.16% | 0.53 | 37.81% | 38.19% | -0.38% | -0.99% |
| Market Growth Custodians Not Disclosed | 0.70% | 0.32 | 27.30% | 27.70% | -0.40% | -1.44% |

Single Fund Custodians League Table – Global AUC

| Convergence - Jan 2024 | 4 League Tab | les - Single C | 'ustodians N | larket Seom | ent - Asse | ts (in BN) | | | | |
|---|--------------|----------------|--------------|-------------|------------|------------|--------|---------|---------|--------|
| Single | Jan -24 | Jan -23 | 23-24 | 23-24 | | Market | 23-24 | Jan -24 | Ian -23 | 23-24 |
| Custodians | FR-AUC | FR-AUC | Change | Change % | | | | Rank | Rank | Change |
| STATE STREET IFS | \$15,808.91 | \$12,909.13 | \$2,899.78 | 22.5% | 26.8% | 26.9% | -0.2% | 1 | 1 | 0 |
| JPMORGAN | \$12,872.06 | \$10,755.37 | \$2,116.69 | 19.7% | 21.8% | 22.4% | -2.5% | 2 | 2 | ů 0 |
| BANK OF NEW YORK | \$9,146.22 | \$6,365.73 | \$2,780.50 | 43.7% | 15.5% | 13.3% | 17.1% | 3 | 3 | ů 0 |
| BROWN BROTHER HARRIMAN | \$2,339.18 | \$1,440.43 | \$898.76 | 62.4% | 4.0% | 3.0% | 32.3% | 4 | 6 | 2 |
| NORTHERN TRUST | \$2,229.08 | \$1,700.80 | \$528.28 | 31.1% | 3.8% | 3.5% | 6.8% | 5 | 4 | -1 |
| CITIBANK | \$1,735.72 | \$1,413.27 | \$322.45 | 22.8% | 2.9% | 2.9% | 0.1% | 6 | 7 | 1 |
| BNP PARIBAS | \$1,595.72 | \$1,451.62 | \$144.10 | 9.9% | 2.7% | 3.0% | -10.4% | 7 | 5 | -2 |
| US BANCORP | \$1,487.78 | \$1,309.38 | \$178.40 | 13.6% | 2.5% | 2.7% | -7.4% | 8 | 8 | 0 |
| CACEIS | \$1,290.18 | \$1,031.87 | \$258.31 | 25.0% | 2.2% | 2.1% | 1.9% | 9 | 9 | 0 |
| HSBC FINANCIAL SERVICES | \$1,215.81 | \$992.41 | \$223.40 | 22.5% | 2.1% | 2.1% | -0.2% | 10 | 10 | 0 |
| BANK OF AMERICA | \$786.50 | \$777.25 | \$9.25 | 1.2% | 1.3% | 1.6% | -17.5% | 11 | 11 | 0 |
| DZ BANK | \$529.05 | \$489.22 | \$39.83 | 8.1% | 0.9% | 1.0% | -11.9% | 12 | 12 | 0 |
| UNION BANK OF SWITZERLAND | \$472.07 | \$442.09 | \$29.98 | 6.8% | 0.8% | 0.9% | -13.0% | 13 | 13 | 0 |
| SOCIETE GENERALE | \$387.25 | \$357.28 | \$29.97 | 8.4% | 0.7% | 0.7% | -11.7% | 14 | 15 | 1 |
| WELLS FARGO | \$329.88 | \$308.88 | \$20.99 | 6.8% | 0.6% | 0.6% | -13.0% | 15 | 16 | 1 |
| SKANDINAVISKA SECURITIES | \$304.23 | \$260.90 | \$43.33 | 16.6% | 0.5% | 0.5% | -5.0% | 16 | 17 | 1 |
| PICTET CIE EUROPE | \$257.57 | \$239.03 | \$18.54 | 7.8% | 0.4% | 0.5% | -12.2% | 17 | 19 | 2 |
| CITCO FUNDS SERVICES | \$242.26 | \$245.93 | -\$3.66 | -1.5% | 0.4% | 0.5% | -19.7% | 18 | 18 | 0 |
| DEKABANK | \$234.88 | \$215.62 | \$19.26 | 8.9% | 0.4% | 0.4% | -11.2% | 19 | 20 | 1 |
| ZÜRCHER KANTONALBANK | \$209.32 | \$161.81 | \$47.52 | 29.4% | 0.4% | 0.3% | 5.4% | 20 | 21 | 1 |
| ROYAL BANK OF CANADA | \$194.76 | \$381.20 | -\$186.44 | -48.9% | 0.3% | 0.8% | -58.4% | 21 | 14 | -7 |
| SWEDBANK | \$191.47 | \$158.51 | \$32.97 | 20.8% | 0.3% | 0.3% | -1.6% | 22 | 23 | 1 |
| CECA | \$190.47 | \$159.90 | \$30.56 | 19.1% | 0.3% | 0.3% | -2.9% | 23 | 22 | -1 |
| ROYAL BANK OF SCOTLAND | \$161.87 | \$148.18 | \$13.69 | 9.2% | 0.3% | 0.3% | -11.0% | 24 | 24 | 0 |
| KBC BANK | \$132.16 | \$110.55 | \$21.61 | 19.5% | 0.2% | 0.2% | -2.6% | 25 | 28 | 3 |
| TOP 25 SINGLE CUSTODIANS FR ASSETS | \$54,344.43 | \$43,826.36 | \$10,518.07 | 24.0% | 92.2% | 91.3% | 1.1% | | | |
| ALL OTHER | \$4,573.32 | \$4,188.00 | \$385.32 | 9.2% | 7.8% | 8.7% | -11.0% | | | |
| TOTAL SINGLE CUSTODIANS FR ASSETS DISCLOSED | \$58,917.74 | \$48,014.35 | \$10,903.39 | 22.7% | 39.1% | 34.4% | 13.7% | | | |
| NOT REPORTED | \$4,672.46 | \$4,903.55 | -\$231.09 | -4.7% | 3.1% | 3.5% | -11.7% | | | |
| ELIGIBLE FUNDS - NOT ATTRIBUTED | \$2,626.92 | \$2,329.34 | \$297.58 | 12.8% | 1.7% | 1.7% | 4.5% | | | |
| TOTAL ASSETS NOT DISCLOSING A CUSTODIANS FR | \$7,299.38 | \$7,232.89 | \$66.49 | 0.9% | 4.8% | 5.2% | -6.5% | | | |
| TOTAL ASSETS WITH MULTI-CUSTODIANS FR | \$84,466.38 | \$84,319.31 | \$147.07 | 0.2% | 56.1% | 60.4% | -7.2% | | | |
| TOTAL FUND ASSETS | \$150,683.51 | \$139,566.55 | \$11,116.96 | 8.0% | 100.0% | 100.0% | 0.0% | | | |

Single Custodians Peer Analysis – Global AUC - Growth & Market Share

- Custodians ranked 1-10 registered the highest AUC growth
 - AUC increased 26.29%, or 1.16x the market
 - Market share increased from 82.00% to 84.39%
 - \blacktriangleright An increase of 2.92%
- Custodians ranked 11-25 registered the lowest AUC growth
 - AUC increased 3.76%, or 0.17x the market
 - \circ Market share decreased from 9.28% to 7.85%
 - \blacktriangleright A decrease of 15.44%

| Peer G | Froup Perform | ance by Fund | Assets | | | |
|---|---------------|--------------|--------|--------|--------|----------|
| Custodians | Y-Y | Growth | SOM | SOM | SOM | SOM |
| Peer Group Analysis | Growth | vs-MKT | 2024 | 2023 | Change | Change % |
| Market Growth Assets | 7.97% | | 100% | 100% | | |
| Market Growth Single Custodians Disclosed | 22.71% | 2.85 | 39.10% | 34.40% | 4.70% | 13.66% |
| Custodians Ranked 1-10 | 26.29% | 1.16 | 84.39% | 82.00% | 2.39% | 2.92% |
| Custodians Ranked 11-25 | 3.76% | 0.17 | 7.85% | 9.28% | -1.43% | -15.44% |
| All Other Custodians | 9.20% | 0.41 | 7.76% | 8.72% | -0.96% | -11.01% |
| Market Growth Multi Custodians Disclosed | 0.17% | 0.02 | 56.06% | 60.42% | -4.36% | -7.22% |
| Market Growth Custodians Not Disclosed | 0.92% | 0.12 | 4.84% | 5.18% | -0.34% | -6.53% |

Multi-Fund Custodians League Table – Global Funds

| Convergence - Jan 2024 League | - Tables | Multi-C | ustodiane | Market So | ament - Fi | und Relati | onshins | | | |
|--|----------|---------|-----------|-----------|------------|------------|---------|---------|---------|--------|
| Multi | | Jan -23 | | 23-24 | Market | | 23-24 | Jan -24 | Jan -23 | 23-24 |
| Custodians | #FR | #FR | | Change % | | | | - | - | Change |
| JPMORGAN | 22,928 | 9,090 | 13,838 | 152.2% | 18.9% | 7.6% | 149.3% | 1 | 3 | 2 |
| FIRST CITIZENS BANK AND TRUST | 11,897 | 803 | 11,094 | 1381.6% | 9.8% | 0.7% | 1364.6% | 2 | 24 | 22 |
| BANK OF AMERICA | 8,728 | 7,807 | 921 | 11.8% | 7.2% | 6.5% | 10.5% | 3 | 4 | 1 |
| BANK OF NEW YORK | 5,858 | 5,405 | 453 | 8.4% | 4.8% | 4.5% | 7.1% | 4 | 5 | 1 |
| MORGAN STANLEY | 5,586 | 5,297 | 289 | 5.5% | 4.6% | 4.4% | 4.2% | 5 | 6 | 1 |
| GOLDMAN SACHS BANK USA | 5,123 | 4,944 | 179 | 3.6% | 4.2% | 4.1% | 2.4% | 6 | 7 | 1 |
| UNION BANK OF SWITZERLAND | 4,767 | 2,411 | 2,356 | 97.7% | 3.9% | 2.0% | 95.4% | 7 | 12 | 5 |
| CITIBANK | 3,849 | 3,543 | 306 | 8.6% | 3.2% | 3.0% | 7.4% | 8 | 9 | 1 |
| WELLS FARGO | 2,944 | 2,909 | 35 | 1.2% | 2.4% | 2.4% | 0.0% | 9 | 10 | 1 |
| NORTHERN TRUST | 2,824 | 2,709 | 115 | 4.2% | 2.3% | 2.3% | 3.0% | 10 | 11 | 1 |
| US BANCORP | 2,192 | 1,877 | 315 | 16.8% | 1.8% | 1.6% | 15.4% | 11 | 14 | 3 |
| STATE STREET IFS | 1,965 | 2,017 | -52 | -2.6% | 1.6% | 1.7% | -3.7% | 12 | 13 | 1 |
| BARCLAYS | 1,409 | 1,282 | 127 | 9.9% | 1.2% | 1.1% | 8.6% | 13 | 17 | 4 |
| BNP PARIBAS | 1,376 | 1,398 | -22 | -1.6% | 1.1% | 1.2% | -2.7% | 14 | 16 | 2 |
| DEUTSCHE BANK | 1,359 | 1,402 | -43 | -3.1% | 1.1% | 1.2% | -4.2% | 15 | 15 | 0 |
| FIDELITY | 1,344 | 1,181 | 163 | 13.8% | 1.1% | 1.0% | 12.5% | 16 | 18 | 2 |
| HSBC FINANCIAL SERVICES | 1,182 | 1,078 | 104 | 9.6% | 1.0% | 0.9% | 8.4% | 17 | 20 | 3 |
| ESHARES | 1,154 | 1,088 | 66 | 6.1% | 1.0% | 0.9% | 4.8% | 18 | 19 | 1 |
| RAYMOND JAMES ASSOCIATES | 1,077 | 911 | 166 | 18.2% | 0.9% | 0.8% | 16.9% | 19 | 22 | 3 |
| NEW YORK COMMUNITY BANK | 1,063 | 183 | 880 | 480.9% | 0.9% | 0.2% | 474.2% | 20 | 66 | 46 |
| CANADIAN IMPERIAL BANK OF COMMERCE | 876 | 814 | 62 | 7.6% | 0.7% | 0.7% | 6.4% | 21 | 23 | 2 |
| COMPUTERSHARE | 817 | 501 | 316 | 63.1% | 0.7% | 0.4% | 61.2% | 22 | 31 | 9 |
| CITCO FUNDS SERVICES | 804 | 741 | 63 | 8.5% | 0.7% | 0.6% | 7.3% | 23 | 25 | 2 |
| INTERACTIVE BROKERS | 796 | 718 | 78 | 10.9% | 0.7% | 0.6% | 9.6% | 24 | 26 | 2 |
| SOCIETE GENERALE | 750 | 683 | 67 | 9.8% | 0.6% | 0.6% | 8.5% | 25 | 27 | 2 |
| TOP 25 MULTI CUSTODIANS FR | 92,668 | 60,792 | 31,876 | 52.4% | 76.4% | 50.7% | 50.7% | | | |
| ALL OTHER | 28,704 | 59,187 | -30,483 | -51.5% | 23.6% | 49.3% | -52.1% | | | |
| TOTAL MULTI CUSTODIANS FR | 121,372 | 119,979 | 1,393 | 1.2% | 37.8% | 38.2% | -1.0% | | | |
| NOT REPORTED | 36,530 | 33,693 | 2,837 | 8.4% | 11.4% | 10.7% | 6.1% | | | |
| ELIGIBLE FUNDS - NOT ATTRIBUTED | 51,095 | 53,324 | -2,229 | -4.2% | 15.9% | 17.0% | -6.2% | | | |
| TOTAL FUNDS NOT DISCLOSING A CUSTODIANS FR | 87,625 | 87,017 | 608 | 0.7% | 27.3% | 27.7% | -1.4% | | | |
| TOTAL FUNDS WITH SINGLE CUSTODIANS FR | 111,978 | 107,148 | 4,830 | 4.5% | 34.9% | 34.1% | 2.3% | | | |
| TOTAL FUNDS | 320,975 | 314,144 | 6,831 | 2.2% | 100.0% | 100.0% | 0.0% | | | |

- Custodians ranked 1-10 registered the highest growth in funds
 - Funds increased 65.87%, or 56.73x the market
 - Market share increased from 37.44% to 61.38%
 - \blacktriangleright An increase of 63.96%
- Custodians ranked >25 registered the smallest growth in funds
 - Funds decreased 51.50%, or -44.36x the market
 - Market share decreased from 49.33% to 23.65%
 - \blacktriangleright A decrease of 52.06%

| Peer (| Group Per | formance by F | und Relationships | | | |
|---|-----------|---------------|-------------------|--------|---------|----------|
| Custodians | Y-Y | Growth | SOM | SOM | SOM | SOM |
| Peer Group Analysis | Growth | vs-MKT | 2024 | 2023 | Change | Change % |
| Market Growth Funds | 2.17% | | 100% | 100% | | |
| Market Growth Multi Custodians Disclosed | 1.16% | 0.53 | 37.81% | 38.19% | -0.38% | -0.99% |
| Custodians Ranked 1-10 | 65.87% | 56.73 | 61.38% | 37.44% | 23.95% | 63.96% |
| Custodians Ranked 11-25 | 14.43% | 12.43 | 14.97% | 13.23% | 1.73% | 13.11% |
| All Other Custodians | -51.50% | -44.36 | 23.65% | 49.33% | -25.68% | -52.06% |
| Market Growth Single Custodians Disclosed | 4.51% | 2.07 | 34.89% | 34.11% | 0.78% | 2.28% |
| Market Growth Custodians Not Disclosed | 0.70% | 0.32 | 27.30% | 27.70% | -0.40% | -1.44% |

Multi-Fund Custodians League Table – Global AUC

| Convergence - Jan 202 | 4 League Tab | les - Multi C | ustodians M | larket Segm | ent - Asset | ts (in BN) | | | | |
|---|--------------|---------------|-------------|-------------|-------------|--------------|-----------|---------|---------|--------|
| Multi | Jan -24 | Jan -23 | 23-24 | 23-24 | | Market | 23-24 | Jan -24 | Jan -23 | 23-24 |
| Custodians | FR-AUC | FR-AUC | Change | Change % | | | Change % | Rank | Rank | Change |
| JPMORGAN | \$8,076.95 | \$6,403.29 | \$1,673.66 | 26.1% | 9.6% | 7.6% | 25.9% | 1 | 3 | 2 |
| BANK OF AMERICA | \$6,789.57 | \$6,365.19 | \$424.38 | 6.7% | 8.0% | 7.5% | 6.5% | 2 | 24 | 22 |
| BANK OF NEW YORK | \$5,677.01 | \$5,291.13 | \$385.88 | 7.3% | 6.7% | 6.3% | 7.1% | 3 | 4 | 1 |
| CITIBANK | \$4,625.67 | \$4,353.02 | \$272.66 | 6.3% | 5.5% | 5.2% | 6.1% | 4 | 5 | 1 |
| MORGAN STANLEY | \$4,407.35 | \$4,649.24 | -\$241.88 | -5.2% | 5.2% | 5.5% | -5.4% | 5 | 6 | 1 |
| GOLDMAN SACHS BANK USA | \$4,388.37 | \$4,353.73 | \$34.64 | 0.8% | 5.2% | 5.2% | 0.6% | 6 | 7 | 1 |
| UNION BANK OF SWITZERLAND | \$4,211.19 | \$3,081.57 | \$1,129.62 | 36.7% | 5.0% | 3.7% | 36.4% | 7 | 12 | 5 |
| BARCLAYS | \$3,798.32 | \$3,514.56 | \$283.76 | 8.1% | 4.5% | 4.2% | 7.9% | 8 | 9 | 1 |
| STATE STREET IFS | \$3,062.73 | \$3,161.70 | -\$98.97 | -3.1% | 3.6% | 3.7% | -3.3% | 9 | 10 | 1 |
| BNP PARIBAS | \$2,561.23 | \$2,444.31 | \$116.92 | 4.8% | 3.0% | 2.9% | 4.6% | 10 | 11 | 1 |
| NORTHERN TRUST | \$2,495.21 | \$2,508.80 | -\$13.59 | -0.5% | 3.0% | 3.0% | -0.7% | 11 | 14 | 3 |
| WELLS FARGO | \$2,263.64 | \$2,350.20 | -\$86.56 | -3.7% | 2.7% | 2.8% | -3.9% | 12 | 13 | 1 |
| DEUTSCHE BANK | \$2,004.77 | \$2,083.14 | -\$78.37 | -3.8% | 2.4% | 2.5% | -3.9% | 13 | 17 | 4 |
| FIRST CITIZENS BANK AND TRUST | \$1,833.87 | \$0.88 | \$1,832.99 | 208500.3% | 2.2% | 0.0% | 208137.1% | 14 | 16 | 2 |
| HSBC FINANCIAL SERVICES | \$1,697.57 | \$1,666.82 | \$30.74 | 1.8% | 2.0% | 2.0% | 1.7% | 15 | 15 | 0 |
| STANDARD CHARTERED BANK | \$1,464.02 | \$1,344.33 | \$119.69 | 8.9% | 1.7% | 1.6% | 8.7% | 16 | 18 | 2 |
| SOCIETE GENERALE | \$1,362.64 | \$1,354.94 | \$7.70 | 0.6% | 1.6% | 1.6% | 0.4% | 17 | 20 | 3 |
| BANK OF NOVA SCOTIA | \$1,035.91 | \$887.84 | \$148.07 | 16.7% | 1.2% | 1.1% | 16.5% | 18 | 19 | 1 |
| FIDELITY | \$923.09 | \$1,032.43 | -\$109.35 | -10.6% | 1.1% | 1.2% | -10.7% | 19 | 22 | 3 |
| US BANCORP | \$877.64 | \$793.19 | \$84.45 | 10.6% | 1.0% | 0.9% | 10.5% | 20 | 66 | 46 |
| COMPUTERSHARE | \$857.09 | \$722.01 | \$135.08 | 18.7% | 1.0% | 0.9% | 18.5% | 21 | 23 | 2 |
| NOMURA BANK LUXEMBOURG SA | \$833.70 | \$724.90 | \$108.80 | 15.0% | 1.0% | 0.9% | 14.8% | 22 | 31 | 9 |
| ROYAL BANK OF CANADA | \$794.09 | \$613.68 | \$180.41 | 29.4% | 0.9% | 0.7% | 29.2% | 23 | 25 | 2 |
| CANADIAN IMPERIAL BANK OF COMMERCE | \$603.53 | \$436.51 | \$167.02 | 38.3% | 0.7% | 0.5% | 38.0% | 24 | 26 | 2 |
| SKANDINAVISKA SECURITIES | \$597.30 | \$454.63 | \$142.67 | 31.4% | 0.7% | 0.5% | 31.2% | 25 | 27 | 2 |
| TOP 25 MULTI CUSTODIANS FR ASSETS | \$67,242.44 | \$60,592.03 | \$6,650.41 | 11.0% | 79.6% | 71.9% | 10.8% | | | |
| ALL OTHER | \$17,223.94 | \$23,727.28 | -\$6,503.34 | -27.4% | 20.4% | 28.1% | -27.5% | | | |
| TOTAL MULTI CUSTODIANS FR ASSETS | \$84,466.38 | \$84,319.31 | \$147.07 | 0.2% | 56.1% | 60.4% | -7.2% | | | |
| NOT REPORTED | \$4,672.46 | \$4,903.55 | -\$231.09 | -4.7% | 3.1% | 3.5% | -11.7% | | | |
| ELIGIBLE FUNDS - NOT ATTRIBUTED | \$2,626.92 | \$2,329.34 | \$297.58 | 12.8% | 1.7% | 1.7% | 4.5% | | | |
| TOTAL ASSETS NOT DISCLOSING A CUSTODIANS FR | \$7,299.38 | \$7,232.89 | \$66.49 | 0.9% | 4.8% | 5.2% | -6.5% | | | |
| TOTAL ASSETS WITH SINGLE CUSTODIANS FR | \$58,917.74 | \$48,014.35 | \$10,903.39 | 22.7% | 39.1% | 34.4% | 13.7% | | | |
| TOTAL FUND ASSETS | \$150,683.51 | \$139,566.55 | \$11,116.96 | 8.0% | 100.0% | 100.0% | 0.0% | | | |

Custodians Peer Groups – Global Multi AUC Growth & Market Share

- Custodians ranked 11-25 registered the highest AUC growth
 - AUC increased 15.73%, or 90.17x the market
 - Market share increased from 20.13% to 23.26%
 - \blacktriangleright An increase of 15.53%
- Custodians ranked >25 registered the lowest AUC growth
 - AUC decreased 27.41%, or -157.14x the market
 - Market share decreased from 28.14% to 20.39%
 - \blacktriangleright A decrease of 27.54%

| Peer Group Performance by Fund Assets | | | | | | |
|---|---------|---------|--------|--------|--------|----------|
| Custodians | Y-Y | Growth | SOM | SOM | SOM | SOM |
| Peer Group Analysis | Growth | vs-MKT | 2024 | 2023 | Change | Change % |
| Market Growth Assets | 7.97% | | 100% | 100% | | |
| Market Growth Multi Custodians Disclosed | 0.17% | 0.02 | 56.06% | 60.42% | -4.36% | -7.22% |
| Custodians Ranked 1-10 | 9.13% | 52.32 | 56.35% | 51.73% | 4.62% | 8.94% |
| Custodians Ranked 11-25 | 15.73% | 90.17 | 23.26% | 20.13% | 3.13% | 15.53% |
| All Other Custodians | -27.41% | -157.14 | 20.39% | 28.14% | -7.75% | -27.54% |
| Market Growth Single Custodians Disclosed | 22.71% | 2.85 | 39.10% | 34.40% | 4.70% | 13.66% |
| Market Growth Custodians Not Disclosed | 0.92% | 0.12 | 4.84% | 5.18% | -0.34% | -6.53% |

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.

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 Custodians.
- US Funds and Assets
 - Measures public and private funds and assets domiciled in the US that Convergence can attribute to one or more Fund Custodians.
- 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 Custodians.
- Not Reported Global US Non-US Funds and Assets
 - 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.
- Not Applicable Global US Non-US Funds and Assets
 - 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 Funds and Assets
 - Measures public and private funds and assets domiciled in US and non-US locations that Convergence cannot attribute to one or more Fund Custodians.
- All Other Custodians
 - Is a measure of funds and assets attributed to Fund Custodians ranked outside the Top 25.

• Single/Multiple Relationship

• A **"Single"** Custodians relationship exists at the fund level when the adviser discloses one Custodians to their fund and a **"Multiple"** Custodians exists when more than one Custodians is named.

Total Fund/Asset Custodians Relationships

• Total Funds refer to an overall number of funds available in the market and Total Assets refer to the overall assets available in the market.

Total Fund/Asset Custodians Single Relationships

• Total Funds in single relationships means, total funds in the market for those who have only single-Custodians relationship and Total Assets in single relationship means total assets in the market for those who have only single-Custodians relationship.

Total Fund/Asset Custodians Multiple Relationships

• Total Funds in multiple relationships means, total assets in the market for those who have multi-Custodians relationship and Total Assets in multiple relationship means total assets in the market for those who have multi-Custodians relationship.

Unique Fund/Asset Custodians Single Relationships

• Measures unique Funds in single relationships means, unique funds in the market for those who have only single Custodians relationship .

• Unique Fund/Asset Custodians Multiple Relationships

• Measures unique Funds in multiple relationships means, unique funds in the market for those who have multi-Custodians relationship.

Total Fund/Asset Market

• Total Fund includes all the funds in the market plus all the unique funds. Similarly, Total Asset Market means all the assets in the market plus all the unique assets.

Additional Analytics available for the Custodians Segment

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

• Competitive Analysis (Business Development)

- Compare your growth and market share to a defined peer group in multiple fund type segments
- 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
- Allows you to determine if you are getting your fair share of the change

• Clients at Risk (Client Management)

• 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)

• Convergence proprietary risk factors can identify high-risk business conditions in your prospective or existing clients

• ESG Business Profiles

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

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The Convergence Leadership Team



John Phinney Chairman/CEO email: jphinney@convergenceinc.com phone: 203-956-4824

John Phinney is Chairman and CEO of Convergence Inc. a Data as a Service (DaaS) company founded on the principals of industry transparency and risk mitigation.

John has spent his entire career working with the world's leading asset managers to increase revenues, improve efficiency and manage investment and non-investment risk. He is a proven thought leader who has designed and developed several first-ever initiatives, including being a named inventor for a patent for a Tier 1 multinational bank.

JPMorgan, Fidelity Investments, TRG Asset Management and Apollo Global Management pedigree.



George Evans President/Chief Revenue Officer email: <u>gevans@convergenceinc.com</u> phone: 215-704-7100

George Evans is responsible for business development and the delivery of Convergence methodology, solutions, and advisory services to Convergence clients. George has a long history of assisting firms with forward thinking, market leading and innovative techniques to capitalize on short term opportunities while staying focused on long term success.

He has over 40 years of experience in the financial services industry, primarily in the traditional asset management, hedge, private equity, banking, and insurance verticals.



Warren Master Chief Technology Officer email: <u>wmaster@convergenceinc.com</u> phone: 201-674-9175

Warren Master is responsible for all technology research and development at Convergence. He is an accomplished technology executive and hands on technology visionary with over 40 years experience in technology with 30 years specializing in the financial services. Warren has business experience on both the buy and sell side as well as the asset servicing side of the business.

Chemical Bank, Chase Manhattan Bank, JPMorgan and TRG Asset Management pedigree.



George Gainer Head of Client Management email: ggainer@convergenceinc.com phone: 203-956-4824

George's career spans buy and sell side firms including Gravitas where he was a Finance & Business Performance Analyst and Apollo [through Gravitas] where he was responsible for Business Analysis & Reporting.

Prior to Apollo, George was at Iron Mountain as an Acquisition Accounting Manager, KPMG as Transaction Services Manager, and Deloitte where he was part of Audit Senior Staff.