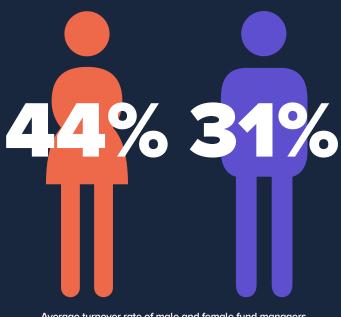


CITYVIRE ALPHA FEMALE REPORT 2021

Tracking the progress asset managers are making towards gender parity in investment roles

CITYWIRE ALPHA FEMALE REPORT 2021

Turnover rate for female and male fund managers 2021



Average turnover rate of male and female fund managers at each fund management group in the past 10 years. The percentages were calculated from the number of managers added to funds in the last 10 years, the number who stopped running the funds and the number now active. 16,353

active managers in the Citywire Fund Manager database



14,303 are male: 87.5% (2020: 87.9%)

There are 25,465 actively managed funds in the Citywire database (\$20tn)

4,582

funds (18%) are run by a woman, a team of women or a mixed team of women and men (\$4.1tn)

23,722 funds (93.2%) are run by a man, a team of men or a mixed team of women and men (\$19tn) **1,434** ds (5.6%) are run by c

funds (5.6%) are run by a woman (single-managed funds) (\$780bn)

11,640 funds (45.7%) are run by a man (single-managed funds) (\$6.6tn) **145** funds (0.6%) are

runds (0.6%) are run by a female-only team (\$88bn)

9,079 funds (35.7%) are run by a male-only team (\$9.3tn) **3,003** funds (11.8%) are run by a mixed team

run by a mixed team (\$3.2tn)

164 funds (0.6%) are managed by a person of unknown gender (\$14bn)

Fund size figures are from Morningstar (as of June 2021) For more information on the data behind the Alpha Female Report, please contact Nisha Long or Angus Foote, see contacts page 20.

Contents

- 4 Progress picks up on gender parity while mixed teams find favour
- CEOs reveal plans to tackle the turnover problem
- Major professional investors pledge to get tough
- 10 Mixed teams best for risk/ returns: the evidence
- 12 Who are the most consistently performing female fund managers?
- **13** Which countries employ the most female fund managers?

- **14** Who are Citywire's top-rated female fund managers?
- **16** Which asset managers hire the most female fund managers?
- **17** Fund manager tenure & fund manager turnover
- **18** In which sectors are female fund managers most prominent?
- 19 Which asset managers employ the most Citywirerated managers?

Mixed teams on the rise as asset managers buy into diversity but gender parity still looks a lifetime away

Mixed-gender portfolio management teams have almost doubled in number over the past six years, the Citywire Alpha Female Report 2021 has found, while we've also seen a modest pickup in pace on the long march to overall gender parity.

KEY FINDINGS

- Mixed teams have almost doubled in six years, as asset managers decide diversity works
- Mixed teams perform best in all markets on riskreturn, debunking myths about women and risk
- Leap in assets means elite female managers now run as much money as male counterparts
- 12-month rise in percentage of female fund managers is the biggest we've seen – BUT we're still 127 years from parity
- Turnover, which lies at the heart of the problem, hasn't improved
- Star manager culture is in continuing decline
- Leading large players near 25% female managers; Spanish firm hits parity
- Data shows that mixed teams consistently win on drawdown

here is a glimmer of light at the end of the tunnel. The 12-month rise in the number of female fund managers is the biggest yet, but at the rate of change we've seen over the past six years we're still 127 years from a 50-50 balance.

At the accelerated rate we've seen over the past year, however, that time span would drop to 48 years.

The rate of change is increasing, and the compound effect means apparently small improvements can make a big difference. However, asset management still has a very long way to go in addressing gender balance.

The Alpha Female Report draws on Citywire's database of 16,353 individual portfolio managers worldwide. Since the report was first published in 2016, the overall percentage of female fund managers has risen from 10.3% to 11.8%.

Last year, we highlighted that it would be the year 2215 before we reached gender parity at the current rate; the slight pickup in the pace of change means we can now expect to get there by 2069.

The continued rise of mixed teams and a big increase in assets run by top female managers are the most positive aspects of this year's report. In 2016 just 6.7% of the Citywire Fund Manager Database was made up of mixed teams. Now, that number has nearly doubled to 11.8%, driven largely by a growing consensus that a diverse portfolio management team leads to better decision-making. This trend is further fuelled by the steady decline in star manager culture as companies move away from the keyperson risk of having a single dominant decision-maker.

Dr Nisha Long (pictured), head of ESG and cross-border investment research at Citywire, has been studying the figures for six years now.

> 'There has been a change, but it is still painfully slow,' she said. 'It is encouraging to see the percentage is heading in the right direction, but it's becoming clear to me that I may well not

see gender parity in my lifetime if the rate of change doesn't improve.'

Turnover, which lies at the heart of the problem, hasn't improved. Women are still leaving their roles at a significantly higher rate than their male counterparts.

Major professional investors, the clients of the fund management firms, have stepped up their efforts to drive change over the past 12 months (see page 8), but we are yet to see the effects in the numbers.

Rise of mixed teams continues

While many firms have seen a cultural shift away from the star manager model, partly because of concerns about keyperson risk, performance statistics back up the case for mixed teams.

'There's growing evidence that mixed teams produce the best returns on a risk-adjusted basis,' said Dr Long. 'This is enhanced with cognitive diversity and reinforces the old adage of two heads are better than one. Teams not only

produce better investment outcomes, but also create more promotion opportunities for women into fund management.'

For the evidence on risk/return profiles for mixed teams, see page 10-11.

'When a star manager leaves this can be detrimental to the company in terms of outflows and losing investors. Firms with team structures see less of this, as investment decisions are not reliant on one person. Succession planning is also a bigger concern for those not adopting a team structure.'

Leap in assets takes top females to parity

There is another positive story in the asset figures. Within the AAA fund manager elite, women are nearly at parity with men when it comes to the amount of money they run. Managers with a Citywire AAA rating are the best performers in terms of risk-adjusted return. In 2018, the average total assets run by an AAA-rated man was \$2.2bn, compared to just \$1.3bn for an AAArated woman. In 2021, the average figure for AAA-rated women has jumped to \$3.5bn, putting the elite females almost neck and neck with AAA-rated men who run on average \$3.6bn. This change has occurred across a broad

range of asset classes, indicating that asset management companies are now showing the same level of confidence in the abilities of female and male portfolio managers.

Tackling the turnover problem

'Getting more women into portfolio management jobs is one thing; keeping them there is another,' said Dr Long. The higher turnover rate among female managers has been recognised by fund firms as a key factor they need to address if they are to move towards parity.

The overall turnover rate has increased in the past 12 months, but is still markedly higher for women than for men. Turnover is calculated from the number of managers added to funds in the past 10 years, the number of managers who stopped running those funds, and the number who are active today.

'There are many initiatives encouraging more women to take senior positions, but as we've highlighted in previous years, all these policies mean nothing if female managers are not retained,' said Dr Long.

Five CEOs representing \$5th tell Citywire how they're tackling the retention problem on page 8.

The firms with the highest percentage of female fund managers

Top firms with 100 managers or more:

| Top minis with too managers of more. | |
|--------------------------------------|-----|
| 1. Abrdn | 24% |
| 2. JP Morgan Asset Management | 23% |
| 3. HSBC Global Asset Management | 20% |
| Top firms with 50-100 managers: | |
| 1. Eurizon Capital | 32% |
| 2. Santander Asset Management | 25% |
| 3. Barings | 25% |

Top firms with 20-50 managers:

| I. CaixaBank Asset Management | 48% |
|--|-----|
| 2. Swedbank Robur | 35% |
| OFI Asset Management | 33% |

Source: Citywire

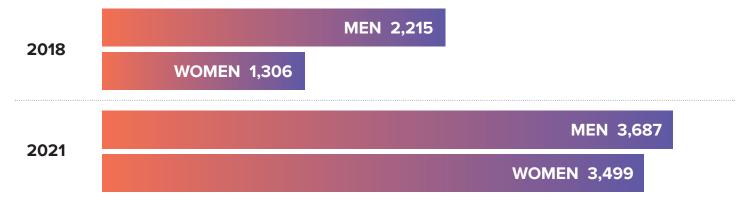
The pandemic effect

One consequence of the pandemic has been more flexible working practices. At the same time, the increased focus on ESG investing has brought social issues – including diversity and working practices – to the fore.

'The need for flexible working is a core issue of women being able to return to work after maternity leave,' said Dr Long. 'Because of the pandemic, flexible working has now been tried and tested so this shouldn't be a barrier to re-entry. This should encourage more women into fund

Elite men versus elite women – average AUM (\$m)

AAA-rated male and female managers are now almost neck and neck in terms of the average assets they run.



management but also make it possible for them to retain their position as a portfolio manager when they return to work.

'Too often, women have been discouraged from continuing in fund management due to inflexible working hours and as a result have changed career direction. With initiatives such as returner programmes, we may see a rise in women fund managers over the coming years.'

So which firms are on the right track?

While the industry average has crept up to just under 12%, some asset managers

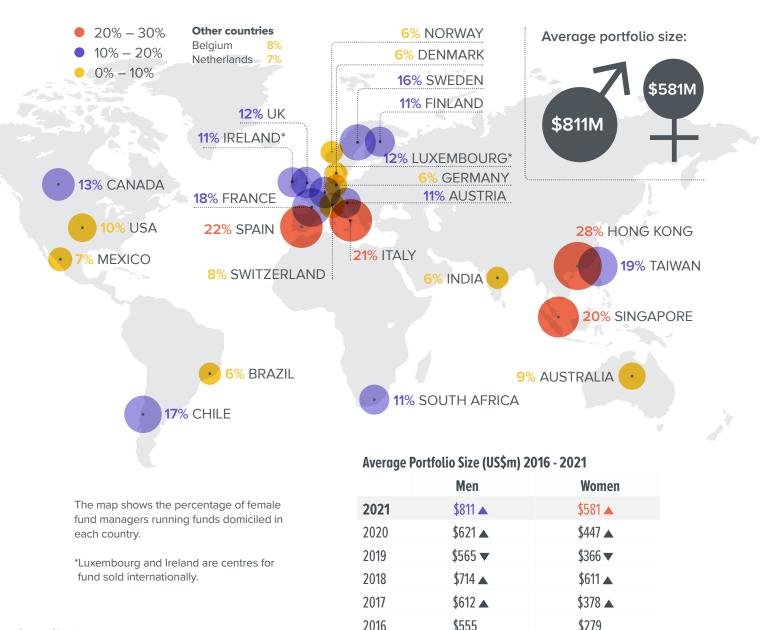
are finding ways to speed up the grindingly slow pace of change.

Newly renamed Abrdn tops the table for groups with more than 100 managers, having moved up from third place last year. Nearly a quarter of the firm's portfolio managers are now female – a 4% increase over the past year has lifted them to 24%.

Dr Long was part of the judging panel for Citywire's Gender Diversity Awards in 2020 and has studied the efforts firms are making in this area. Abrdn was one of the firms shortlisted for these awards, which looked at company-wide gender diversity practices as well as how a gender balance was being incorporated into investment decision-making.

'What stood out for me was actionable targets which are bearing fruit,' she said. Abrdn has a gender action plan that aims to increase gender balance at all levels of the pipeline and has been in effect for the past four years. Abrdn also participates in the Cross-Company Returner Programme, offering return-towork positions for women directly into their fund management teams.

'The companies seeing upticks also have diversity and inclusion [D&I]



Women lag behind in the global funds world

policies in place and measurable targets, which make them accountable for their initiatives – it's not just lip service. This was evident during the judging process of the gender diversity awards,' said Dr Long. 'In the majority of companies, those with targets in place are seeing the biggest improvements in numbers as well as retention.'

First to reach parity

In the third tier of our group rankings, for groups with more than 20 but less than 50 managers, Spain's CaixaBank Asset Management is actually nudging the 50% mark. Of the firm's total of 31 portfolio managers tracked by Citywire, 16 are male and 15 are female, bringing the firm closer to gender parity than any of its peers – the next best in any of the top three tiers is 35%.

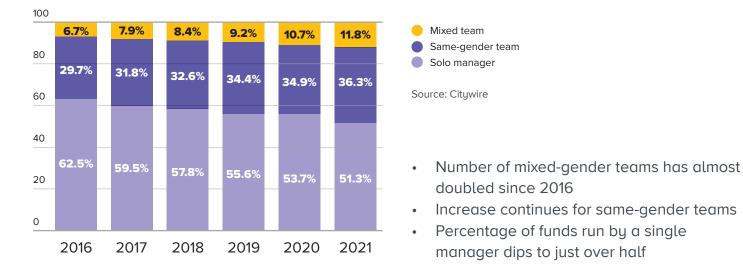
Overall, Spain continues to lead the way in Europe, closely followed by Italy. Of the fund managers we track in those countries, 22% and 21% respectively are female. Hong Kong is out in front globally, on both percentage of female managers (28%) and on mixed teams (also 28%).

The UK and US are close to the average and show only very modest improvement year-on-year while among major fund markets Germany remains the laggard, with its percentage of female fund managers stuck at just 6%.

Grounds for optimism?

Given the combined effects of the pandemic, the recognition that diversity works for businesses, internal initiatives by the asset managers themselves and the ramping up of client pressure, the modest increase in the rate of change could yet turn out to be a key point in the slow trek towards gender parity.

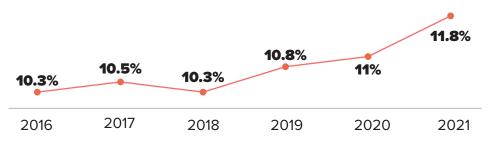
Dr Long is optimistic: 'It's encouraging to see D&I is taken seriously within the asset management industry. With measurable key performance indicators and targets, companies are being held accountable for their policies, and with the rise of ESG, investors are asking fund management companies to look inwards before looking outwards.'



Manager composition of Citywire fund manager database over the past six years

A slow climb picks up speed

Percentage of funds run by women, according to Citywire's database, for each year since the Alpha Female Report was launched:



CEOs outline retention plans for female fund managers

Fund group chiefs overseeing \$5tn in assets talk to Citywire about fixing the turnover problem



Hanneke Smits, CEO of BNY Mellon Investment Management, believes many firms are doing well at attracting the

next generation of female talent but says they are seeing attrition in the middle ranks.

'Some of the turnover is probably attributable to the fact that all of us are fishing in a relatively small pool, so that probably leads to some churn in all of our respective organisations.

'Part of it is actually supporting career progression. Looking through parental leave versus maternity leave – and there are different ways in which organisations approach that – but essentially, extending maternity leave into parental leave has been a benefit to women in the workplace as well.' Another important element was giving women access not only to role models but also to sponsors, be it male or female, within the organisation.

'So it's the talent programme, it's sponsorship, it's mentorship, it's benefits, it's a wide-ranging package that has to be put together to keep them in the organisation.'

Ted Truscott, CEO of Columbia



Threadneedle Investments, also sees the sponsor concept as key. 'It goes one step beyond mentorship.

You are not giving guidance, but you are actually sponsoring a female employee as part of the career progression. You are actually that person's sponsor, making sure that they are brought up in talent reviews, that they are front and centre in front of management as you review the talent. That is absolutely critical.'



Abrdn CEO Stephen Bird has recently taken the top job at a firm that now leads the field among the largest

groups, in terms of its percentage of female fund managers. He highlighted three things the firm had done.

'Number one, supporting parental leave because it's most often the female whose career takes the hit. So, we introduced parental leave and since we did it a year ago, 55% of those availing themselves have been the men.

'Secondly, having very specific returners programmes so you know that you're going to come back at the same level and be given introductory or re-introductory training to get back into that role. That programme's incredibly important.

'The one other thing we've done is reverse mentoring. I participated in this myself. You are learning from someone with a completely different lived experience and when you get that input, you feel this obligation for it to be translated into policy and action.'

At Franklin Templeton, CEO Jenny



Johnson also puts parental leave at the heart of the solution, as it changes the message that childcare is the

mother's responsibility.

'There's a stigma around a guy saying he has to leave the office to take his daughter to the doctor, or he's going to leave to go coach his kids, and unless we create an environment where that's OK too, it's always going to fall on the women,' she said.

'So, one of the things I say to our management committee, to the male leaders is, actually, when you have to do those things, tell people that you're doing them. That will be better for the women if you put that message out there, and then it just becomes part of the normal environment.'

Luke Ellis, CEO of Man Group, agreed



that smoothing the path for those returning after career breaks is key. 'There's a process about helping people

back into the industry that we've been, as an industry, relatively poor at. When people take career breaks – and the most obvious career break is taking time off for parenthood – we should be making it easy for them to come back into the industry, getting them into fund management positions again.

'Helping them come back to be portfolio managers is a good source of increasing the number of senior female portfolio managers we have.'

Biggest investors raise the stakes

In the US in particular, diversity has been at the top of industry leaders' minds this year. Major financial firms are increasingly committing to hiring employees from diverse backgrounds and to making sure teams have representation from different racial backgrounds and gender profiles.

CITYVIRE

The biggest wealth management firms and global private banks, key clients of the asset managers, have now picked up the pace and are backing their own version of the 'Rooney Rule' brought in to promote diversity in American football coaching.

Major gatekeepers from these firms took part in a recent US discussion held by Citywire. Aaron Hanson, who oversees the US due diligence team at RBC, said: 'I don't think we're under any illusion that this is going to change overnight, but if we can sort of slowly chip away and make progress as an industry, that is positive.'

Aubre Clemens (pictured right), executive director of sustainable investing due diligence at JP Morgan Private Bank, felt those in her role could make a real difference but also warned progress could be slow. 'When you have those conversations and you let the firms you work with know that this is a priority and you need to see change if they want to be partners with you, they will make those changes – it may take some time – but they will start making those adjustments because they know that having a partnership is important.'

However, Anna Snider, head of due diligence in the CIO office at Bank of America Merrill Lynch, felt that because the needle hadn't moved at all it was time to take a tougher line and her firm has already factored D&I into its ratings for funds and firms.

'We decided that, if this was important to us and we thought that if all the other research and studies [that indicate diverse managers lead to positive investment returns] are true, then we should not only ask the questions, but we should actually make it part of our investment conviction in a manager both at the organisational level and at the investment team level,' she said.

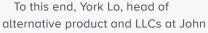
Snider (pictured right) said that as a result of this move, managers can now be punished for not making diversity a top priority.

'This is now part of our annual review process. We are taking a relatively hard line,' she said, adding that if asset managers do not provide the information



required in the initial survey, her team will start considering removing them from the platform.

One way gatekeepers might get greater buy-in from asset managers is by working together. If they all commit to making diversity due diligence a priority, managers might have a greater impetus to collect and share the necessary information, and ultimately be incentivized to improve diversity.



Hancock Investment Management, has drawn up a pledge to ensure fund selectors incorporate diversity, equity and inclusion (DEI) questions in their due diligence with fund managers on their platform and for future searches. It also asks them to include diverse-owned firms in their search process, a step that echoes the National Football League's Rooney Rule, which requires every team with a head coaching vacancy to interview at least one or more diverse candidate.

The pledge has three key commitments:

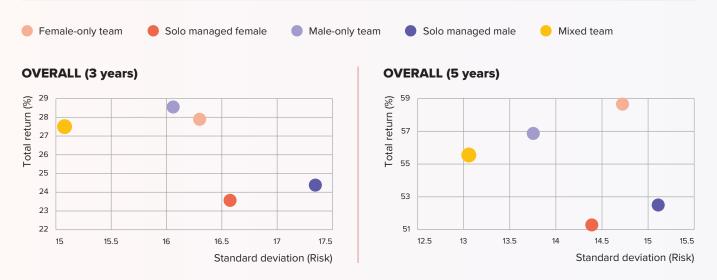
- We believe that diversity of thought has direct correlation to alpha. As a result, when hiring a new portfolio management team, we will ensure at least one of the teams has a female or minority ethnic fund manager on it, or that the asset manager providing the team is at least 25% owned by women or people from minority ethnic backgrounds.
- We have or will incorporate questions about DEI into our due diligence questionnaires and will engage with our fund managers or sub-advisers at least once a year on the topic of DEI in order to drive towards an industry that is more representative of our population.
 We will also review the results at least once a year at our investment committee.
- We commit to promoting DEI within our firm and strive to have a team that is reflective of the composition of our population through pipeline recruitment and internal advancement.

Nicole Piper and Amelia Garland, Citywire USA



Who does best on risk/return?

Risk/return profiles for all managers active in the database for the different composition of teams (3 years versus 5 years)

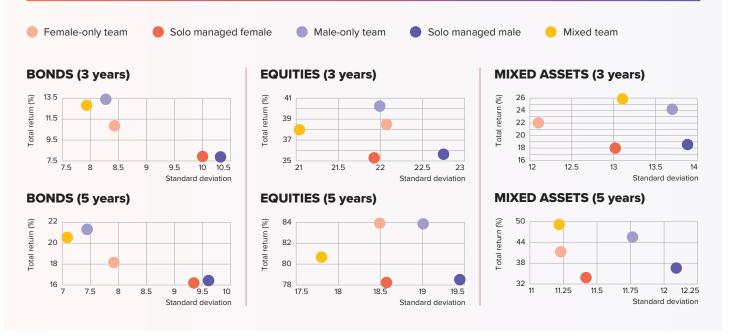


Over the last three years, if we look at how much total return is generated per unit of risk, the mixed teams come out on top. For every unit of risk a mixed team takes, 1.82% in returns is generated, which compares with 1.78% for male-only teams and 1.68% for female-only teams. In comparison, solo male managers return just 1.4% per unit of risk and solo female managers return 1.43%. The numbers show that teams work best.

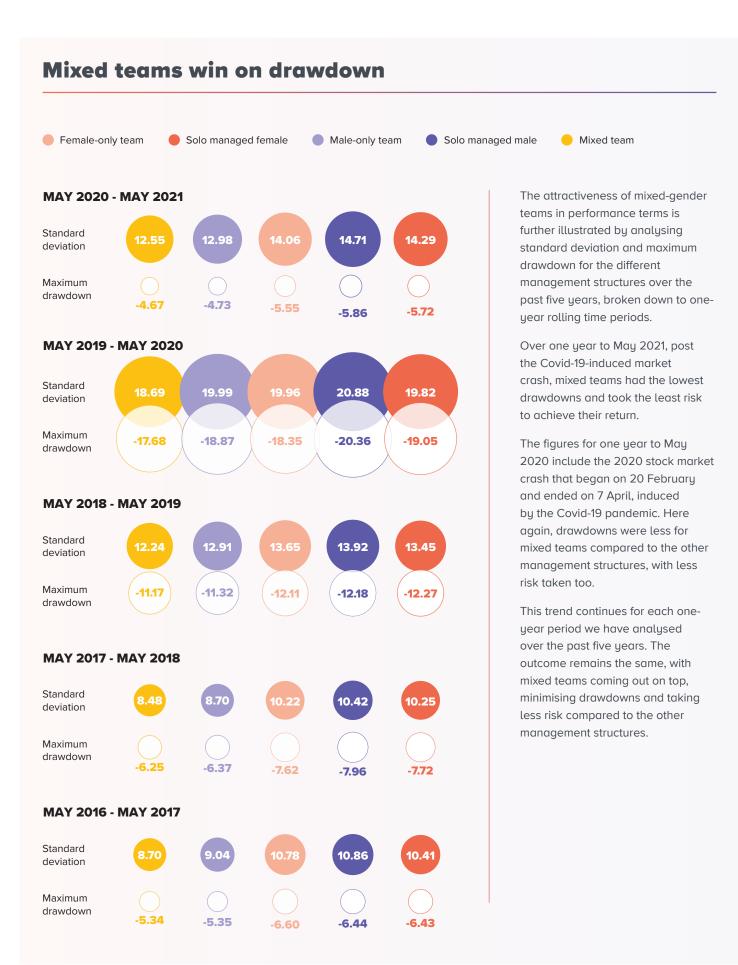
Looking over a longer time frame, five years, mixed teams also come out on top. For every unit of risk a mixed team takes, 4.24% in returns is generated, which compares to 3.47% for the solo male managed category and 3.55% for the solo female managed.

In simple terms, mixed teams return more money over a three- and five-year period than the other management structures.

Breakdown of risk/return profiles of the different team compositions by asset class









Who are the most consistently best-performing female fund managers?

The list shows the top 30 female fund managers in Citywire's database based on the manager's ratings consistency over the last 5 years.

Source: Citywire

| Fund manager | Total points* | Eligibility in last 5 years | % rated since eligible | Group (Manager may work at additional/alternative group as well) |
|-----------------------|------------------|-----------------------------------|------------------------------|--|
| Corrina Xiao | 340 | 100% | 100% | Allianz Global Investors |
| Victoria Harling | 333 | 100% | 100% | Ninety One |
| Joanna Kwok | 329 | 100% | 100% | JP Morgan Asset Management |
| Eva Fornadi | 328 | 100% | 100% | Comgest |
| Aisa Ogoshi | 325 | 100% | 100% | JP Morgan Asset Management |
| Nicole Kornitzer | 320 | 100% | 100% | Buffalo Mutual Funds |
| Paola Binns | 309 | 100% | 96.7% | Royal London Asset Management |
| Taeko Setaishi | 306 | 100% | 100% | Atlantis Investment Management |
| Sharon Bentley-Hamlyn | 301 | 100% | 100% | Aubrey Capital |
| Henrietta Pacquement | 295 | 100% | 98.3% | Wells Fargo |
| Natalie Trevithick | 290 | 100% | 96.7% | Payden & Rygel |
| Chantana Ward | 288 | 100% | 100% | Comgest, Societe de Gestion Prevoir, St James's Place |
| Alix Stewart | 265 | 100% | 100% | Schroders |
| Miyako Urabe | 264 | 100% | 98.3% | JP Morgan Asset Management |
| Angelica Hanson | 260 | 100% | 90% | AMF Fonder |
| Stéphanie Bobtcheff | 258 | 93.3% | 90% | La Financière de l'Echiquier |
| Jian Shi Cortesi | 257 | 100% | 98.3% | GAM |
| Eileen Riley | 256 | 100% | 98.3% | IA Clarington Investments, Loomis Sayles, Nordea |
| Valerie Schueler | 256 | 83.3% | 83.3% | DWS |
| Veronica Yu | 249 | 100% | 100% | Swedbank Robur |
| Elena Tedesco | 248 | 100% | 95% | Calvert Funds |
| Erin Xie | 247 | 100% | 100% | BlackRock |
| Nancy Angell | 247 | 100% | 98.3% | AMG Funds |
| Louisa Lo | 243 | 100% | 98.3% | Schroders |
| Susan Courtney | 242 | 100% | 100% | PGIM Investments |
| Marta González Labián | 242 | 100% | 81.7% | March AM |
| Elaine Morgan | 241 | 100% | 88.3% | Aegon Asset Management |
| Isobel Lee | 240 | 100% | 86.7% | Insight Investment |
| Kate Howitt | 240 | 100% | 83.3% | Fidelity International |
| Laure Négiar | 240 | 100% | 91.7% | Comgest, Harbor Capital Advisors |

* The individual fund manager's monthly ratings are converted to points – AAA = 6, AA = 5, A = 4, + = 3 – and these are added up over the five years.

Please note that Citywire data covers 297 sectors and 16,353 fund managers. We do not cover every sector and managers of purely institutional funds or who only run segregated mandates would not be included in the group tables analysis showing percentages of women fund managers. A detailed assessment of Citywire's methodologies can be found in this report from independent actuaries AKG: **<u>bit.ly/cw-akg</u>**



Which countries employ the most female fund managers?

This table shows the percentage of female managers running funds in each country, based on fund domicile, and the percentages of funds run by female teams, male teams and mixed teams. The list is limited to countries where there are 100 or more managers running funds.

Solo women or women-only teams by country compared with men

| Domicile | Number of managers running funds in domicile | % of female managers in domicile | % funds run by solo female managers/ female team | % funds run by mixed teams | % funds run by solo male managers/ male team |
|----------------|--|--|--|-------------------------------|--|
| Hong Kong | 138 | 28% | 14% | 28% | 58% |
| Spain | 389 | 22% | 19% | 17% | 64% |
| Italy | 192 | 21% | 8% | 18% | 74% |
| Taiwan | 301 | 19% | 19% | 2% | 42% |
| France | 1305 | 18% | 11% | 13% | 76% |
| Sweden | 270 | 16% | 12% | 7% | 81% |
| Canada | 749 | 13% | 5% | 15% | 80% |
| Luxembourg | 4748 | 12% | 5% | 12% | 83% |
| United Kingdom | 1559 | 12% | 6% | 11% | 84% |
| Finland | 161 | 11% | 4% | 6% | 90% |
| Austria | 184 | 11% | 7% | 6% | 87% |
| Ireland | 1743 | 11% | 5% | 13% | 82% |
| South Africa | 468 | 11% | 5% | 9% | 86% |
| United States | 4879 | 10% | 2% | 20% | 78% |
| Australia | 314 | 9% | 5% | 5% | 91% |
| Switzerland | 378 | 8% | 5% | 5% | 91% |
| Belgium | 112 | 8% | 12% | 7% | 81% |
| Netherlands | 141 | 7% | 1% | 11% | 89% |
| Brazil | 325 | 6% | 6% | 1% | 93% |
| Germany | 621 | 6% | 5% | 3% | 93% |
| Norway | 142 | 6% | 3% | 5% | 92% |
| India | 290 | 6% | 4% | 5% | 91% |
| Denmark | 228 | 6% | 3% | 2% | 95% |
| Liechtenstein | 103 | 6% | 4% | 2% | 94% |



Source: Citywire

Who are Citywire's top-rated female fund managers?

This table shows all female AAA-rated managers, based on three-year risk-adjusted performance to 31 May 2021. Citywire Fund Manager Ratings are based on managers' three-year risk-adjusted returns. Around 25% of those in Citywire's 16,000-strong fund manager database achieve a rating, and only about 2.5% of active managers will earn the highest Citywire rating: AAA.

| Name | Global ratings position | May 2021 Citywire rating | Total manager AUM (US\$m May 2021) | Group |
|---|----------------------------|-----------------------------|--|-------------------------------|
| Angelica Hanson | 18 | | 2,067 | AMF Fonder |
| Fay Ren | 34 | | 111 | Cerno Capital |
| Corrina Xiao | 36 | | 469 | Allianz Global Investors |
| Rebecca Jiang | 39 | | 18,924 | JP Morgan Asset Management |
| Barbara Browning | 47 | | 1,107 | Pax World Management |
| Paulina Sliwinska | 52 | | 101 | Baillie Gifford |
| Aisa Ogoshi | 54 | | 2,839 | JP Morgan Asset Management |
| Victoria Stevens | 71 | | 1,999 | Liontrust |
| Valerie Schueler | 76 | | 393 | DWS |
| Connie Shen | 84 | | 220 | JP Morgan Asset Management |
| Victoria Harling | 89 | | 2,870 | Ninety One |
| Anna Cristina Cunha Machado Da Silva | 126 | | 58 | Taquari Asset Management |
| Sara Moreno | 129 | | 563 | PGIM Investments |
| Amy Hu Sunderland | 147 | | 918 | Grandeur Peak Global Advisors |
| Felise Agranoff | 148 | | 27,790 | JP Morgan Asset Management |
| Juliana Hansveden | 149 | | 5,371 | Nordea |
| Emily Leveille* | 149 | | 5,162 | Nordea |
| Claire Titmarsh | 161 | | 332 | Ruffer |
| Calista Lee | 164 | | 381 | Barings |
| Grace Yan | 171 | | 26 | Nikko Asset Management |
| Kate Fox | 183 | | 4,399 | Baillie Gifford |
| Rosemary Banyard | 195 | | 40 | Downing |
| Michelle O'Keefe | 203 | | 4,399 | Baillie Gifford |
| Sophie Earnshaw | 214 | | 2,107 | Baillie Gifford |
| Aimee M. Eudy | 228 | | 560 | Legg Mason |

Global ratings position is based on Citywire's manager ratio figure. All managers are ranked according to their three-year manager ratio. * Emily Leveille left Nordea in May 2021.



Who are Citywire's top-rated female fund managers? (continued)

| Name | Global ratings position | May 2021 Citywire rating | Total manager AUM (US\$m May 2021) | Group |
|------------------------------|----------------------------|-----------------------------|---|--|
| Kimberly Scott | 231 | | 7,813 | Azzad Asset Management, Ivy Investment Management |
| Nicole Agar | 238 | | 892 | Nedgroup Investments, Truffle Asset Management |
| Sophié-Marié van Garderen | 238 | | 892 | Nedgroup Investments, Truffle Asset Management |
| Nicole Kornitzer | 246 | | 480 | Buffalo Mutual Funds |
| Yannan Chenye | 247 | | 21 | Harvest Fund Management |
| Jitania Kandhari | 251 | | 207 | Morgan Stanley Investment Management |
| Ramona Persaud | 259 | | 7,355 | Fidelity Investments |
| Natalia Krol | 262 | | 1,262 | Barings |
| Basak Yavuz | 263 | | 7,762 | Goldman Sachs Asset Management |
| Katharina Raatz | 264 | | 1,590 | Berenberg |
| Charlotte Meyrick | 292 | | 264 | Aviva Investors |
| Kirsty Gibson | 296 | | 7,643 | Baillie Gifford |
| Kristy Fong | 301 | | 4,496 | Abrdn |
| Kathryn Langridge | 305 | | 1,909 | John Hancock Group, Manulife |
| Bonnie Chang | 319 | | 58 | JP Morgan Asset Management |
| Elizabeth Mossow | 358 | | 212 | Invesco |
| Yiqian Jiang | 390 | | - | Harvest Fund Management |
| Erica Lau | 395 | | 50 | Lion Global Investors |
| Pei Chen | 411 | | 1,003 | TIAA-CREF |
| Anh Lu | 412 | | 4,807 | T Rowe Price |
| Alice Wong | 421 | | 1,214 | JP Morgan Asset Management |
| Victoire de Trogoff | 422 | | 995 | Fidelity International |



Which asset managers hire the most female fund managers?

These tables show the percentage of female managers at each group in the Citywire Fund Manager Database. Citywire does not track the performance of index-tracking funds or funds run by teams of more than four managers.

Groups with 100 managers or more

| Top 5 Groups | Number of managers running funds in Citywire Database | % Female managers |
|------------------------------|---|-------------------------|
| Abrdn | 139 | 24% |
| JP Morgan Asset Management | 229 | 23% |
| HSBC Global Asset Management | 104 | 20% |
| BNP Paribas Asset Management | 182 | 20% |
| NN Investment Partners | 136 | 18% |

Groups with 50-100 managers

| Eurizon Capital | 59 | 32% |
|--------------------------------|----|-----|
| Santander Asset Management | 55 | 25% |
| Barings | 56 | 25% |
| SEB | 65 | 22% |
| Goldman Sachs Asset Management | 84 | 19% |

Groups with 20-50 managers

| CaixaBank Asset Management | 31 | 48% |
|------------------------------------|----|-----|
| Swedbank Robur | 49 | 35% |
| OFI Asset Management | 33 | 33% |
| La Banque Postale Asset Management | 33 | 30% |
| Anima | 32 | 28% |



Fund manager tenure (at groups with 100 managers or more)

This table shows the average number of years a manager runs funds at each group.

Average time a portfolio manager stays with the company: male vs female

| Top 5 groups | Number of managers running funds in Citywire's database | % female managers | Average female tenure (years) | Average male tenure (years) |
|-----------------------------------|---|----------------------|----------------------------------|--------------------------------|
| JP Morgan Asset Management | 229 | 22% | 5.6 | 5.3 |
| Columbia Threadneedle Investments | 115 | 14% | 5.4 | 4.9 |
| Neuberger Berman | 111 | 8% | 5.3 | 5.5 |
| Schroders | 149 | 14% | 5.2 | 5.5 |
| Nordea | 128 | 16% | 5.1 | 5.1 |

Average tenure at groups with 100+ managers: males 5 years, females 4.5 years Overall industry average tenure: males 5.4 years, females 4.6 years

Fund manager turnover (at groups with 100+ managers)

This table shows the turnover rate of male and female fund managers at each fund management group in the last ten years. The percentages were calculated by looking at managers added to funds in the last ten years, how many managers stopped running the funds and how many are active today.

| Top 5 groups | Number of managers running funds in Citywire's database | Female turnover rate | Male turnover rate |
|----------------------------|---|-------------------------|-----------------------|
| Neuberger Berman | 111 | 25.0% | 27.7% |
| Fidelity Investments | 141 | 28.0% | 41.4% |
| JP Morgan Asset Management | 229 | 31.6% | 45.4% |
| Nordea | 128 | 35.5% | 43.8% |
| Schroders | 149 | 44.7% | 44.6% |

Average turnover at groups with 100+ managers: males 47%, females 48% Overall industry average turnover: males 31%, females 44% Source: Citywire

To produce the turnover figures we pulled out the number of managers who have run funds at each group in our database over the past 10 years, and the number of managers running funds at the group now. We then subtracted the current number from the 10-year total, and divided that by the 10-year total, to give the percentage of managers working at the group in the past 10 years who work there now.



In which sectors are female fund managers most prominent?

This table shows the percentage of funds run by female fund managers in all Citywire investment sectors that contain more than 20 managers.

Sectors with 20 or more Citywire-tracked managers

| Sector | Total managers in sector | % funds run by women |
|--|-----------------------------|-------------------------|
| Equity - Thailand | 22 | 55% |
| Bonds - Asia Pacific Local Currency | 43 | 35% |
| Equity - China | 140 | 31% |
| Equity - ASEAN | 24 | 29% |
| Equity - Biotechnology | 38 | 29% |
| Equity - Asia Pacific Small & Medium Companies | 33 | 27% |
| Equity - Greater China | 107 | 27% |
| Property - European Physical | 26 | 27% |
| Bonds - Euro Medium Term | 73 | 26% |
| Equity - Taiwan | 75 | 25% |
| Equity US - China Region | 37 | 22% |
| Bonds - Euro Short Term | 228 | 21% |
| Equity - Asia Pacific Including Japan | 114 | 21% |
| Equity - Emerging Markets Asia | 43 | 21% |
| Bonds - US Dollar Short Term | 91 | 21% |
| Bonds - Global Inflation Linked | 48 | 21% |
| Bonds - Eurozone Medium Term | 24 | 21% |
| Bonds US - Muni Single State Short | 24 | 21% |
| Bonds - Emerging Markets Other | 34 | 21% |
| Bonds - Euro Inflation Linked | 44 | 20% |
| Bonds - Euro Corporates Short Term | 45 | 20% |
| Bonds - Asia Pacific Hard Currency | 90 | 20% |
| Equity - Asia Pacific Excluding Japan | 286 | 20% |
| Equity - Spain | 46 | 20% |
| Bonds - Canadian Dollar Short Term | 26 | 19% |
| Bonds - Global US Dollar Hedged | 21 | 19% |
| Bonds US - Muni National Long | 69 | 19% |
| Equity - Pharmaceuticals & Health Care | 138 | 19% |
| Bonds - South African Rand | 85 | 19% |
| Equity US - Health | 48 | 19% |
| Bonds - Australian Dollar | 32 | 19% |



Groups ranked by number of rated managers

This table shows the number of male and female rated managers at each group, ordered by the number of rated managers at the group, in the Citywire Fund Manager Database as of 31 May 2021.

Groups and ratings

| Group | Number of managers running funds in Citywire's database | % female managers | Number of rated managers | Number of female rated managers | Number of male rated managers |
|--|---|----------------------|--------------------------------|---------------------------------------|-------------------------------------|
| JP Morgan Asset Management | 229 | 22.7% | 88 | 22 | 65 |
| BlackRock | 183 | 14.2% | 66 | 4 | 62 |
| Fidelity Investments | 141 | 12.8% | 60 | 3 | 57 |
| Invesco | 201 | 9.5% | 55 | 1 | 54 |
| Schroders | 149 | 14.1% | 52 | 8 | 44 |
| Allianz Global Investors | 175 | 16.6% | 51 | 6 | 43 |
| Neuberger Berman | 111 | 8.1% | 51 | 2 | 49 |
| Abrdn | 139 | 23.7% | 50 | 14 | 36 |
| Amundi | 269 | 12.3% | 48 | 3 | 45 |
| Columbia Threadneedle Investments | 115 | 13.9% | 46 | 4 | 42 |
| Nordea | 128 | 15.6% | 45 | 9 | 36 |
| Legg Mason | 108 | 13.9% | 42 | 4 | 38 |
| Fidelity International | 88 | 14.8% | 42 | 4 | 38 |
| Janus Henderson | 106 | 11.3% | 39 | 3 | 36 |
| T Rowe Price | 97 | 8.2% | 38 | 3 | 35 |
| DWS | 157 | 13.4% | 37 | 2 | 35 |
| PGIM Investments | 83 | 14.5% | 37 | 8 | 29 |
| Baillie Gifford | 49 | 26.5% | 36 | 8 | 28 |
| NN Investment Partners | 136 | 17.6% | 35 | 7 | 28 |
| John Hancock Group | 79 | 17.7% | 34 | 3 | 31 |
| Wells Fargo | 89 | 11.2% | 33 | 3 | 30 |
| American Century Investment Management | 68 | 8.8% | 31 | 1 | 30 |
| Principal Global Investors | 59 | 10.2% | 31 | 1 | 30 |
| Ivy Investment Management Company | 50 | 16.0% | 31 | 5 | 26 |
| Franklin Templeton Investments | 148 | 16.2% | 30 | 0 | 30 |
| MFS | 68 | 10.3% | 30 | 1 | 29 |
| Lazard Asset Management | 91 | 11.0% | 29 | 3 | 26 |
| Manulife | 84 | 11.9% | 29 | 3 | 26 |
| CIBC | 51 | 13.7% | 29 | 5 | 24 |
| Dreyfus Corporation | 71 | 12.7% | 28 | 3 | 25 |
| AllianceBernstein | 78 | 12.8% | 28 | 3 | 24 |

* One manager gender unknown.



For more information, please contact Dr Nisha Long & Angus Foote



DR NISHA LONG Head of ESG & cross-border investment research nlong@citywire.co.uk



ANGUS FOOTE Director, Europe

afoote@citywire.co.uk +44 (0)7825 190057



KATHARINE ARAM-DIXON Lead data specialist



THOMAS JAMES Senior data analyst



ALEXANDRA STANCIULESCU Data analyst

Citywire launched its Fund Manager Ratings 18 years ago and is the only firm to exclusively rate managers, not funds. We do this because we strongly believe that the track record of the fund manager is a very important consideration when selecting an actively managed fund. Citywire currently tracks more than 16,300 fund managers in 47 countries and more than 290 investment sectors.

[©] Copyright Citywire Financial Publishers Ltd ("Citywire"), 2021. The content of this presentation/guide is confidential and is protected by the laws of England and Wales and other countries throughout the world. This presentation/guide is only for the exclusive use of the intended recipient, any unauthorised reproduction, distribution or exhibition of this presentation/guide or any of its content is prohibited and may result in civil liability, criminal prosecution or both. Citywire's name and logo and the names of any Citywire products and services included in this presentation/guide shall be construed as conferring any licence or right under any Citywire patent, copyright or trade mark.



About Citywire

Citywire helps professional mutual fund buyers and investors around the world to **Make Better Investments**[™].

We have been doing this since 1999 for select groups of professional investors across Europe, Asia, the US and Latin America.

Around the world, we produce **10** magazines and more than **40** websites and host around **3,500** delegates at **80** events every year. Citywire is based in London, which is home to most of our **265** staff. We also have offices in New York, Milan, Munich and Singapore.

Citywire has been analysing the careers of individual fund managers for more than 15 years. We believe that the people running funds are vitally important and that fund selectors need to know how these people have performed over multiple time periods, across different firms and when running different funds over the course of their careers. We are now tracking more than **16,000** individual fund managers running funds in **47** different countries.

Citywire publishes unique Fund Manager Ratings, which are supported by a sophisticated methodology approved by AKG, an independent actuary. A full report on the methodology and the approval of the ratings can be found at <u>bit.ly/cw-akg</u>. For a more comprehensive breakdown of how Citywire's ratings work, please visit Citywire at <u>bit.ly/cwratings</u>.

To find out more visit us at **ABOUTCITYWIRE.COM**