

Financial Services Group

Asset Management

INDUSTRY OVERVIEW Q1 2023



Executive Summary

Key Trends

- Relative valuations are down, and most asset manager stocks have recently underperformed the broader market.
- Flows continue to be a challenge for traditional asset managers and a boon for alternative asset managers.
- Private markets have been the place to be; volatility is lower, capital-raising is easier, and returns are attractive.
- With declines in asset values and persistent inflation, operating margins are challenged.
- Traditional managers are seeking the benefits of alternative products, buying up platforms and teams.
- Scale and distribution are becoming as important in the alternative sector as they have been in the traditional sector.



Charles Hibbs, CFA <u>CHibbs@HL.com</u> 310.712.6592 Los Angeles

Houlihan Lokey Insight

Those hoping for a calmer, more predictable 2023 (myself included) were off to a promising early start before March.

Impacts from the war in Europe, lingering COVID-19, global inflation, central bank tightening, and political uncertainty wreaked havoc across every single market in 2022. Asset class correlations were unprecedented, leaving investors few places to hide. Managers faced burdensome investing challenges, operating pressures, and generational opportunities.

Traditional asset managers generally continue to see net outflows and fee compression, an unabating decade-long trend. Their valuations reflect this; firms that can distinguish themselves with attractive strategies, operating leverage, and outperformance have fared better.

A seemingly endless amount of capital continues to flow into alternative managers' coffers, especially in private markets like direct lending, real estate, and infrastructure, leaving many to wonder how they are deploying it so quickly and efficiently. Blackstone's \$226 billion of inflows alone in 2022 made it a top 10 alternative asset manager globally*. Alternative managers significantly benefited from private markets, not directly enduring the same volatility in their asset valuations that public fund managers faced. That may revert this year.

In 2023, we see little change in the strategic needs and priorities of asset managers. Traditional firms are seeking more differentiation and scale. Firms doubling down on traditional asset management and legacy products like long-only equity funds are going to continue to struggle with growth and sustaining margins. Those that have begun to shift to private markets will have a better chance of thriving; strategic acquisitions make a lot of sense.

Alternative investment firms are not letting off the gas. Having saturated the institutional market with their products, they are setting their sights on retail—potentially the most lucrative, untapped well of financial assets in a generation.

Up until now, the distribution of alternative investments to retail investors has been an evolving sector, with only a few firms really succeeding. This is changing rapidly. Managers are now investing in and training their own teams to distribute to retail or buying up firms that have been successful distributing alternatives. This will undoubtedly fuel the competition for retail assets among traditional and alternative managers.

Factors that drove volatility in 2022 have not subsided; many have intensified, but we have learned to live better with them. We will see if the markets can digest additional interest rate hikes the Fed may impose and calm down from the recent unexpected takeover of Credit Suisse and rapid failures of Silicon Valley Bank, Signature Bank, and Silvergate Bank.

With any luck, a year from now, we will not be looking back on 2022 fondly.

Charles Hibbs, CFA

Charles Hibbs is a leading member of the asset and wealth management investment banking practice within Houlihan Lokey's Financial Services Group. Coverage includes traditional and alternative asset managers, wealth managers, business development companies, real estate investment trusts, and specialty finance companies. Mr. Hibbs has advised on more than 40 completed transactions representing more than \$25 billion in closed M&A, financing, and restructuring deals.

*Sources: Earning transcripts.

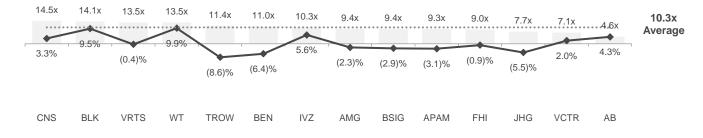
Houlihan Lokey 2

Recent Asset Management Trends Market Multiples

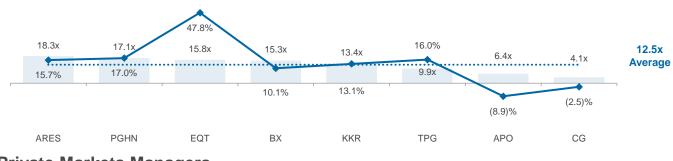
Traditional managers continue to trade below alternative managers due to the relative tailwinds the latter face—permanent capital, positive net flows, stable fee rates, and relative outperformance.

Traditional Asset Managers

Multiple of 2023E EBITDA (bar); 2022A-2024E EBITDA growth (line)



Alternative Asset Managers



Multiple of 2023E EBITDA (bar); 2022A-2024E EBITDA growth (line)

Private Markets Managers

29.9% 33.2% 21.9% 12.0x 17.3x 15.9x 13.5x 10.7x Average 3.3% 6.8x 8.1x 10.9% 6.6% OWL PHLL HLNE ΡX STEP GCMG Net Flows Management Fees vs.

Multiple of 2023E EBITDA (bar); 2022A-2024E EBITDA growth (line)

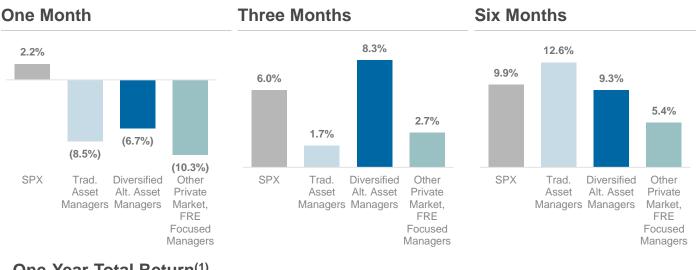
Valuations: Why the Difference?

Platforms that trade at higher multiples do so because of higher growth, more consistent earnings, and better profitability.

- Permanent Capital
- Operating Scale
- Product Fee Rates
- Performance Fees
- Investment Income
- Profitability Margins

Recent Asset Management Trends Total Stock Price Returns

March 2023 was a volatile one for asset mangers, with relative stock performance lagging the overall market; over the long term, diversified alternative asset manager stock prices have outperformed.



One-Year Total Return⁽¹⁾



Five-Year Total Return⁽¹⁾



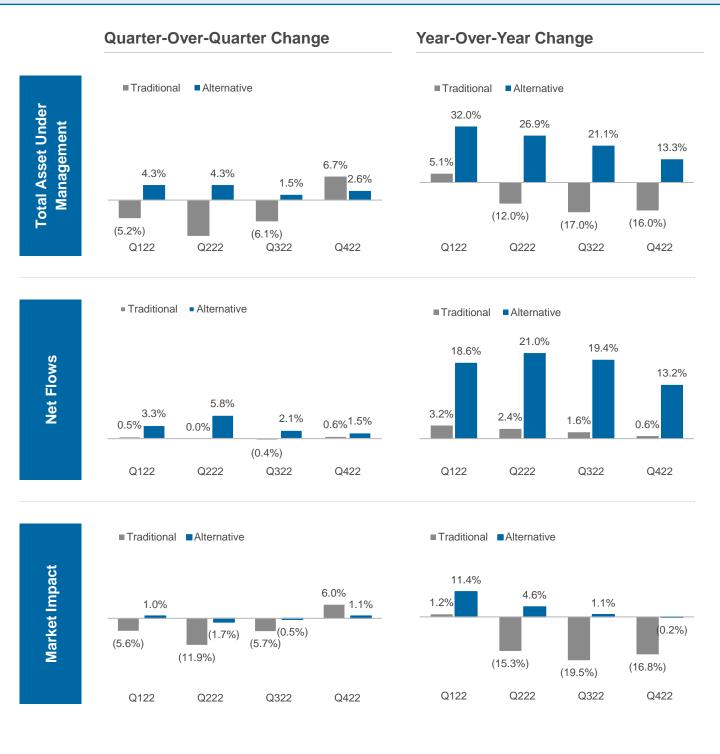
Source: Public filings, transcripts, SNL Financial, Wall Street estimates.

Note: Financial data as of March 31, 2023; see page 16 for list of companies included in each category.

(1) Total return includes cumulative change in stock price, plus reinvested dividends; indices are not market capitalization weighted.

Recent Asset Management Trends Assets Under Management

Alternative managers have blown away traditional managers in capturing net flows and growing assets under management. Alternative managers have also not reflected the same market impacts to assets under management that public markets managers have been subject to over the past year.



The M&A market for asset managers remains active for a variety of reasons, with premium valuations strong for platforms that deliver growth in attractive asset classes.

Deal Corner: Earnouts

In any asset management M&A deal, especially those with platforms growing quickly, buyers and sellers can be reluctant to transact because future growth is so material.

Most asset management deals today have some earnout component. Depending on integration plans, an earnout can be tied to future capital raised, revenue, or EBITDA. It protects the buyer from overpaying and sellers from giving up too much value. Most buyers that pay an earnout should be happy to pay, as it means their initial investment grew the way the sellers suggested it would.

Conflicts can arise in an earnout. For example, sellers may lose control of the business in a sale, so tying to profitability has issues. Not all assets generate the same fees, so tying to asset growth can drive the wrong incentives. A buyer may bring revenue synergies to a transaction, so should that contribute to the earnout threshold?

We have structured many earnouts, and each is unique. Doing this correctly is one of the most important aspects in any deal, and when done right, it protects both buyers and sellers.

Date	Target	Sector	Purchase Price Subject to Earnout (%)		Triggers	I	Duration		Туре
Aug-22	Western Technology Investment	Venture Debt	32%	•	EBITDA Targets	•	3–5 Years	•	Cash, Stock Option
May-22	Alcentra	Credit	50%	•	n.a.	•	4 Years	-	Cash
May-22	Salient Partners' Asset Management Business	Energy and Infrastructure	42%	•	Revenue Levels and Growth Targets	•	1–3 Years	•	Cash and Stock
May-22	Greenbacker Capital Management	Renewable Energy Infrastructure Manager	35%	•	Run-Rate Revenue Targets	•	3+ Years	•	Stock
Apr-22	Abingworth	Life Sciences	41%	•	n.a.	•	n.a.	•	n.a.
Mar-22	CarVal Investors	Private Alternatives	46%	•	Revenue Targets	•	6 Years	•	Stock
Feb-22	Wellfleet Credit Partners	Private Credit/CLO	20%	•	n.a.	•	3 Years	•	Stock
Dec-21	Greencoat Capital	Renewable Energy Infrastructure Manager	25%	•	Revenue Targets	•	3 Years	•	Cash
Nov-21	Lexington Partners	Secondaries	43%	•	n.a.	•	3–5 Years	•	Cash
Oct-21	Oak Hill Advisors	Liquid/Private Credit	21%	•	Rolling Revenues	•	4+ Years	•	Cash
Oct-21	Oak Street Real Estate Capital	Real Estate (Commercial)	41%	•	n.a.	•	4–5 Years	•	Stock
Jul-21	Greenspring Associates	Venture Capital/ Growth Equity	9%	•	Revenue Targets	•	3 Years	•	Cash
Average			33%						
Median			35%						

Recent Asset Management Trends *What They're Saying*

The following pages reflect what key industry leaders focus on during their public company analyst calls; we've reviewed and picked some of the best quotes from the last quarter.

Key Takeaways

1

channels, is a critical pillar of growth for all asset managers.

Distribution to retail investors, especially through wealth management

2

3

Alternative asset classes, such as direct lending, infrastructure, real estate and renewables, are gaining flows and delivering much needed uncorrelated returns.

Private markets continue to grow in importance and size, filling a need for investor return, company funding, and permanent capital.



Macro Environment and Assets

I fear that we are entering a period of economic malaise.

Larry Fink BlackRock—Chairman & CEO

At a high level, we believe inflation will continue to come down, but that it will stabilize at around the 3% level by year-end, which will prove to be the new norm. In order to get there, we think we will likely experience an average recession.

Matthew Stadler

Cohen & Steers—Executive Vice President & CFO

If you went through last year, there is really no interest at all in emerging markets, in particular, very much, riskoffs and the like. It's too early, but what we are seeing is, starting to be some early interest in emerging markets in China.

Martin Flanagan

Invesco - President, CEO, Director

Production constraints, labor shortages and energy and food price disruptions and price increases followed the Russian invasion of Ukraine, causing inflation to hit a 40year high, sparking a cycle of rate hikes by central banks. Inflation continues to be a top concern despite recent cooling we saw at the end of this year—in the beginning of this year. Global growth continues to slow.

> Larry Fink BlackRock—Chairman & CEO

We've seen a much slower market. I think that the broad statistics are saying the overall commercial real estate market is down like 70% in terms of volume, which, of course, everyone is subject to.

> Jonathan Slager Bridge Investment Group Holdings CEO & Director

In the United States, we saw the highest level of inflation since 1981. Federal fund rate here rose from basically 0.0% at the start of the year to 4.5%, the largest increase in 50 years.

> Stephen Schwarzman Blackstone Inc.—Chairman, CEO, & Co-Founder

The Fed will overtighten and will endure an average recession as foreshadowed by the seemingly daily pace of corporate layoff announcements. The futures markets indicate that we should see the peak of monetary tightening at some time this year.

Joseph Harvey

Cohen & Steers—President, CEO, & Director

The strong relative performance of alternative investments last year compared to the publicly traded equity and fixed income markets, only further reinforces our belief in the benefits of private market investing. Investors remain significantly under allocated to alternatives, which represent just over 10% in total global AUM.

Michael Arougheti

Ares Management Corporation— Co-Founder, CEO, President, Director

- " Looking ahead to the rest of 2023 and beyond, the markets are at a crossroads. Fed action has pushed yields higher and equity multiples lower, driving investors to exercise caution as they see equilibrium and valuations. Despite some recent recovery in the equity and leveraged finance markets, investment pace among alternative asset managers, including TPG has remained muted. Buyers and sellers seem to be taking another pause as they wait to see how a number of macro drivers play out, such as interest rates, inflation, any possible recession.
 - Jon Winkelried TPG Inc.—CEO & Director

After 12-plus years of low rates and relatively free money, the best investors will begin to reveal themselves.

James Zelter

Apollo Global Management, Inc.— Co-President of Apollo Asset Management, Inc., & Director

2022 was an unusual year from the perspective of commercial real estate. Counter to the typical pattern where volumes are greater in the second half than the first half of the year, 2022 started with a bang and ended with a whimper.

Robert Morse

Bridge Investment Group Holdings Inc.—Executive Chairman

I do think for what it's worth that the real estate markets are going to be one of the more challenging parts of the private market landscape. It's one of the reasons why we're so focused right now on our opportunistic real estate franchises, just to make sure that we're appropriately capitalized to take advantage of the distress that should roll through certain parts of that market as rates continue to go up here.

Michael Arougheti

Ares Management Corporation— Co-Founder, CEO, President, Director

1 The fourth quarter was weak, measured by the fundamentals that we focus on, yet hopefully represents the climax of what I have characterized as the greatest macro regime change in my career.

> Joseph Harvey Cohen & Steers—President, CEO, & Director

Investing

Dislocation in financial markets has historically created some of the most attractive risk-adjusted investment opportunities for those investors who have dry powder to put to work.

Connor Teskey

Brookfield Asset Management Ltd.— President

When you look at sort of where the return opportunities are in a market like this, particularly with dislocation of capital availability, there are some really interesting capital structure types of opportunities, whether they're top of the capital structure, middle of the capital structure.

Jack Weingart TPG Inc.—CFO & Director

Areas where long-term demand trends continue to be in the world and in the economy... such as private markets, liquid alternatives, ESG or sustainable investing, Asia and Wealth.

Jay Horgen Affiliated Managers Group— President & CEO

By some measure, there are now north of 100 asset management entities or insurance entities who have become asset managers, pursuing a strategy similar to that which Athene started on 13 years ago.

Marc Rowan

Apollo Global Management, Inc.—Co-Founder, CEO, & Director

It's a multitrillion dollar credit market, and I know a lot of stories are about the banks versus the private lenders. It's a world that needs both. Now today, the private lenders and frankly, during COVID, proved to be the stabilizing force for the market.

> Marc Lipschultz Blue Owl Capital Inc.—Co-President & Director

Things have slowed a bit on the monetization side, but nothing that is surprising to us given the environment and how we're thinking about the timing of when we want to generate realization outcomes for our limited partners.

> Robert Lewin KKR & Co.—Partner& CFO

There's still a great deal of interest in all of the different sub asset classes, whether it's credit or buyouts. I think venture continues to be a little challenging in terms of people not quite knowing where they want to be in that space right now and how marks are going to work in future fundraising environment.

> Mario Giannini Hamilton Lane—CEO & Director

We're not doing deals that are giant deals that require billions—\$10 billion of equity and \$10 billion of credit. Those deals will be almost impossible to do today. But the market is gradually healing.

William Conway

The Carlyle Group—Co-Founder, Interim CEO & Non-Executive Co-Chairman

We wish we had more dry powder also in Direct Lending. It really is an exceptional time. 2022, the intersection of credit quality, most importantly, in a Blue Owl world as well as spreads, terms, sort of all the intersecting components is as good as we've ever seen and reflects itself ultimately in the role Direct Lending played in 2022 and continues to play. If you take a look at the largest -- take private transactions, all of the year, about half of them were done by direct lenders.

Marc Lipschultz Blue Owl Capital Inc.—Co-President & Director In summary, there's a lot of noise out there. We find that noise is just that, noise. We continue to raise capital, find interesting deployment opportunities and selectively monetize our portfolio.

> Scott Nuttall KKR & Co.—Co-CEO & Director

" Today's market conditions create new opportunities to invest capital across all of our global businesses. Recently, there's been a wider-than-average spread in pricing expectations between buyers and sellers, which has impacted capital development. The spread is across most asset classes that has been more pronounced in private equity than other strategies, and we are-but we are starting to see evidence of this spread narrowing. As debt and equity capital markets continue to reopen, the pace of deal activity is poised to accelerate.

William Conway

The Carlyle Group – Co-Founder, Interim CEO, & Non-Executive Co-Chairman

If you look at, generally speaking, performing first lien senior secured credit across the private credit landscape, you're generating 10% to 13% rates of return, short duration floating rate. That's a really compelling place to be on a relative value basis.

Michael Arougheti

Ares Management Corporation— Co-Founder, CEO, President, Director

We believe the opportunity to source resilient yield in asset-based finance is where sponsor finance was and private credit was 10 years ago.

James Zelter

Apollo Global Management, Inc.— Co-President of Apollo Asset Management, Inc., & Director

Recent Asset Management Trends What They're Saying (cont.)

Fundraising and Asset Flows

We're increasingly seeing large institutional LPs looking to concentrate their capital amongst a smaller number of managers, but those managers who can offer them a greater diversity of products... We do expect this to continue in the coming years.

Connor Teskey

Brookfield Asset Management Ltd.— President

With almost \$187 billion of dry powder, we have more capital than almost any other financial investor in the world to buy assets opportunistically when values are low and liquidity is scarce.

Stephen Schwarzman

Blackstone Inc.—Chairman, CEO, & Co-Founder

Cash management generated the highest net inflows in over a decade, with \$17.5 billion of inflows were driven by institutional demand for lowrisk assets at a higher risk-free rate and diversified across client type.

Jennifer Johnson

Franklin Resources Inc.—President, CEO. & Director

We continue to benefit from the diversity and depth of our private markets Affiliates. And they're raising assets across a number of wellpositioned strategies, including credit, infrastructure and real estate. And as we said, these flows are incredibly valuable given their fee rate, their long duration and the potential to generate carried interest.

Thomas Wojcik Affiliated Managers Group—CFO

• Over 50% of the capital we raised last year was in strategies that did not even exist 5 years ago. And over 50% of our AUM is not yet scaled in our definition.

> Scott Nuttall KKR & Co.—Co-CEO & Director

Remarkable inflows of \$226 billion just in 2022, which drove 11% growth in assets under management to a record \$975 billion. Our inflows this year alone qualify as a top 10 alternative manager out of the over 10,000 alternative managers globally.

Stephen Schwarzman

Blackstone Inc.—Chairman, CEO, & Co-Founder

While the fundraising environment remains challenging... we're seeing the greatest demand today for private credit strategies, including from insurance clients and for infrastructure. In credit, the current environment is favorable for deployment given the significant increases in base rates and wider spreads.

> Jonathan Gray Blackstone Inc.—General Partner, President, COO, & Director

We continue to benefit from the diversity and depth of our private markets Affiliates. And they're raising assets across a number of well-positioned strategies, including credit, infrastructure and real estate. And as we said, these flows are incredibly valuable given their fee rate, their long duration and the potential to generate carried interest.

Thomas Wojcik

Affiliated Managers Group—CFO

Our asset base is very resilient. It's based on permanent capital compared to our peers who must monetize assets, return capital and raise a new fund and hopefully larger fund, we generally hold on to the assets we have. So each dollar of incremental assets raised is additive to our capital base. This is what we call the layer cake model.

> Douglas Ostrover Blue Owl Capital Inc.—Co-Founder, Chairman. & CEO

Coming into the new year, we believe investors are focusing on managers with healthy portfolios who have less exposure to growth-oriented sectors.

James Zelter

Apollo Global Management, Inc.—Co-President of Apollo Asset Management, Inc., & Director

Generation Over 70% of our fundraising last year came in our real assets and credit businesses, strategies that are often front-of-mind for our clients in rising interest rate as well as inflationary environments.

> Robert Lewin KKR & Co.—Partner & CFO

The backdrop for raising new capital remains challenging with headwinds more pronounced in certain areas than others. However, today's environment is different from what we faced entering 2022.

William Conway

The Carlyle Group—Co-Founder, Interim CEO, & Non-Executive Co-Chairman

We're observing a flight to larger, higher quality managers as investors are consolidating their allocations with preferred managers.

Michael Arougheti

Ares Management Corporation— Co-Founder, CEO, President, Director

Over time, we expect all private wealth focused capital will account for 30% to 50% of the capital that we raise as a firm.

> Robert Lewin KKR & Co.—Partner & CFO

Distribution

Gin Our core institutional and wealth teams are now fully staffed. Incrementally, we are adding resources to focus on distributing the nontraded REIT and providing advice for optimizing real estate portfolios in the wealth channel... So we're seeing certainly more interest in the wealth channel for infrastructure.

Joseph Harvey

Cohen & Steers—President, CEO, & Director

Retail alts is really complicated. And it's really complicated because you have to start by, one, you have to have the right products that sit in the right vehicles, which is tougher in these illiquid asset classes. Then you have to educate and convince the gatekeepers essentially at the distributors. And then you have to educate your entire sales force to be able to understand it. It is a different sale than say, a traditional mutual fund.

Jennifer Johnson

Franklin Resources Inc.—President, CEO, & Director

We will be seen and are seen as the innovator in this marketplace, showing the global wealth community the kinds of products that they have never seen before and addressing the unique needs of this interesting constituency.

Marc Rowan

Apollo Global Management, Inc.— Co-Founder, CEO, & Director

With the market pulling back, it's given everybody a chance to just catch their breath. And so we have been out, we've met with all the wirehouses, RIAs, other distributors, spending a lot of time on education, and I think that's helped minimize redemptions.

> Douglas Ostrover Blue Owl Capital Inc.—Co-Founder, Chairman, & CEO

With a vast \$85 trillion private wealth channel, a new generation of investors is starting to experience the benefits of alternatives... In 2022, our sales in the private wealth channel totaled a remarkable \$48 billion... Blackstone's commitment to the private wealth channel is stronger than ever.

> Stephen Schwarzman Blackstone Inc.—Chairman, CEO, & Co-Founder

We have made meaningful progress in strategically expanding our presence in the high-net-worth channel, placing 5 different funds across 8 different channel partners.

> Jon Winkelried TPG Inc.—CEO & Director

We're still growing the distribution capabilities around the nontraded REITs. In December, we added a second large wirehouse for distribution, and we expect to add 2 or more wirehouses or private bank relationships for our suite of retail products, in the first half of this year.

Michael Arougheti

Ares Management Corporation— Co-Founder, CEO, President, Director

" We are firm believers that the longterm growth opportunity for alternative products in the retail channel will be robust. Retail investors are meaningfully under allocated to alternatives compared to some institutional investors, and key allocators across the retail space, are looking to meaningfully expand their exposure to alternatives. Over time, we intend to offer drawdown and evergreen style strategies, across our primary asset classes suited for both mass affluent and high net worth investors.

> Michael Arougheti Ares Management Corporation— Co-Founder, CEO, President, Director

Gin Our sales team has grown from 100 people to 280 people in the last 2 years across institutions, insurance, family offices and private wealth. It typically takes a year or 2 for a new salesperson to learn our products and hit their stride.

Scott Nuttall

KKR & Co.—Co-CEO & Director

In terms of risk appetite at the firms, they really want new, interesting, differentiated type of strategies. And the reason the firms, the gatekeepers want it because that's what the end customers want. They want things that will allow them—allow the wirehouses, in particular—to differentiate themselves with their client bases. So they have been very receptive.

Douglas Ostrover

Blue Owl Capital Inc.—Co-Founder, Chairman, & CEO

••• Overall, in terms of the initiatives, we are trying to pivot more into ultra high net worth. And if you look at our organic growth rate with ultra high net worth versus other segments is 3.0x.

Onur Erzan

AllianceBernstein Holding LP—Head of Global Client Group & Head of Bernstein Private Wealth

I think there is still enormous opportunity in the alternative space. When you look at it aggregately, it's roughly \$10 trillion industry, we're about 10% of the industry. That compares to stocks and bonds over \$200 trillion. If you throw in commercial real estate, residential real estate, other things, you can get up to \$300 trillion. So I think there's a lot of room to grow.

Jonathan Gray

Blackstone Inc.—General Partner, President, COO, & Director "

Products

We will look to continue to expand our product offerings as you have seen us do with other Brookfield verticals, potentially through the launch of perpetual entities, credit funds, and products specifically dedicated to our private wealth channel.

Connor Teskey

Brookfield Asset Management Ltd.— President

We, as a diversified buyer of credit for our own balance sheet in SRE, we want 25% of everything and 100% of nothing. And so what that means, we are creating every day credit that needs to be syndicated into the marketplace.

Marc Rowan

Apollo Global Management, Inc.— Co-Founder, CEO, & Director

Portfolios that were designed around antiquated asset allocation models underperformed materially in 2022, causing a renewed focus on the fundamentals of portfolio construction, including liquidity, reduced correlations and differentiated return streams.

> Jay Horgen Affiliated Managers Group— President & CEO

We've also gotten a sense of what are the products they think they want to bring later this year or early next year. And I can tell you that 2 things I feel pretty good about. One, over the next 12, maximum 18 months, you will see us introduce into the wealth space, a number of differentiated products. And two, and I can't give you exact numbers and timing, you will see us significantly increase the syndicate for our products that are currently in the market.

> Douglas Ostrover Blue Owl Capital Inc.—Co-Founder, Chairman, & CEO

One of the things Rob talked about that I think is pretty interesting, again, is just the amount of public to privates we did in an environment where public markets are really dislocated. So I think for us to have announced or closed on 10 take-privates is a pretty interesting statistic. 8 of those were done outside of the U.S. in private equity, infrastructure, real estate.

> Craig Larson KKR & Co.—Partner & Head of IR

We hear the term private credit a lot. We actually have no idea what the words private credit mean. They are just 2 words that will follow each other. What we have focused on in our platform and what we have done uniquely is to create a source of private... Private credit can be AA and private credit can be below investment grade. Both have their place in portfolio. investment grade credit. Very few people, very few organizations have that capability.

Marc Rowan

Apollo Global Management, Inc.— Co-Founder, CEO, & Director

On the private market side, I would emphasize infrastructure and private credit. And one of the largest opportunities will be in renewable infrastructure, and that will benefit even more from the Inflation Reduction Act... and private credit continues to expand as public financing retreats and more companies seek capital.

> Robert Kapito BlackRock—President & Director

We also continue to innovate and offer new strategies to our investor base. For example, more than 40% of our fundraising last year was from new strategies or products that didn't exist 5 years ago at Ares.

> Michael Arougheti Ares Management Corporation— Co-Founder, CEO, President, Director

In 2022, U.S. REITs were down roughly 25% as the listed asset class... In contrast, reported private real estate values generally increased as they tend to be historically lagged as deal volume declines... In 2023, we expect this trend to reverse with listed outperforming private real estate, consistent with what we normally see in a transition to early cycle. This forward shift of listed outperforming private has already started. In Q4, the increase was actually down 5%, while listed REITs were up 4%. Historically, listed REITs have performed remarkably well after recessions.

Matthew Stadler

Cohen & Steers—Executive Vice President & CFO

The need for income and uncorrelated returns against the backdrop of higher inflation and a more challenged market for public equities will continue to drive demand for private markets.

> Larry Fink BlackRock—Chairman & CEO

We continue to focus on product development and suitability, sales and marketing and client education and the distribution of alternatives and wealth management... We think that people now that you can get actual returns in fixed income, you're going to see more allocations there.

Jennifer Johnson

Franklin Resources Inc.— President, CEO, & Director

I think by strategy, you actually hit on probably the single busiest area in our firm, and that's infrastructure.

> Craig Larson KKR & Co.—Partner & Head of IR

Recent Asset Management Trends What They're Saying (cont.)

Financials and Profitability

New drawdown funds throughout the year lifted base management fees 25% to a record \$6 billion for the vear and the 52nd straight guarter of year-over-year base management fee growth at Blackstone. At the same time, FRE margin expanded 75 basis points to 57.1%, the highest level ever for a calendar year, reflective of the firm's robust margin position and ability to manage costs with discipline in a difficult environment... We feel good about margin stability and the possibility and potential for continued expansion.

> Michael Chae Blackstone Inc.—CFO

Based on an early assessment, compensation and related expense could be \$13 million higher than Q4... We also expect to have higher base pay, higher incentive compensation expense.

Thomas Donahue

Federated Hermes, Inc.—Vice President, Treasurer, CFO, & Director

✓ Our revenue run rate is down, and there is a little bit of a misalignment between our expense base and our revenue capture rate versus where it was a couple of years ago... In addition, we would also expect a mid to high single-digit increase in 2023 core G&A expense.

> Gary Shedlin BlackRock—CFO

For the full year 2022, our compensation to revenue ratio was 41%. At current AUM levels, we would expect the ratio to trend towards the higher end of the range for 2023... We are managing discretionary expenses at every level, really focused on the musthaves only and all the nice-to-haves are things we are foregoing.

Laura Dukes

Invesco—Senior Managing Director & CFO

We're trying to raise assets. What's the best way to do it? And like for T&E, the sales force believes they should be out there, and you can see that trending up and it's trending up. And they're out there traveling more and it costs more to do it.

Thomas Donahue

Federated Hermes, Inc.—Vice President, Treasurer, CFO, & Director

I can tell you, first of all, we're not seeing any fee pressure in our business. We're not changing our fee schedules. We're not adding discounts that we didn't have before.

> Jack Charles Weingart TPG Inc.—CFO & Director

We are singularly focused on that we need to get right: talent, culture, performance, clients and operations.

> Scott Nuttall KKR & Co.—Co-CEO & Director

I don't think you're hearing us or anyone say that in today's environment that you'd expect to see big margin expansion. Things are expensive, whether that's buying a plane ticket, hosting an event, having a meal, everything is expensive.

> Erik Hirsch Hamilton Lane—Vice Chairman & Head of Strategic Initiatives

We intend to balance the anticipated revenue decline that will occur from our year-ended assets under management, being about 12% below 2022's average assets under management with a disciplined approach towards human capital.

Matthew Stadler

Cohen & Steers—Executive Vice President & CFO

We will continue to look for ways to more efficiently use our office footprint as we adjust to the evolution of a hybrid work environment.

Charles Daley

Artisan Partners Asset Management— Executive Vice President, CRO, & Treasure

Capital Allocation and M&A

And these are opportunities that we are going to continuously monitor and review in the market... When we want to enter into a new space, it is always a build versus buy decision for us and which can we do more creatively. And from there, a potential partner or a potential target for inorganic growth needs to be scalable and needs to add something to our platform that we don't already have.

Connor Teskey

Brookfield Asset Management Ltd.— President

We want to do acquisitions. That's been our first desire with the use of the money because of our returns on them. And we, of course, have the regular dividend.

Thomas Donahue

Federated Hermes, Inc.—Vice President, Treasurer, CFO, & Director

" Our long-term strategic intentions are to continue to grow organically as we've done in our established verticals and combine organic growth with carefully curated acquisitions. The alternative asset management space is fragmented and consolidating and we believe offers significant opportunities... We have tried to be very both strategic and tactical as we look for opportunities to expand, and we feel that the secondaries -- broadly speaking, the secondaries business is one that offers significant growth potential going forward.

Robert Morse

Bridge Investment Group Holdings Inc.—Executive Chairman

We're looking at across the firm now is our investment technology operation. And that's a really major one, multiyear project.

Matthew Nicholls

Franklin Resources Inc.—Executive Vice President, CFO, & COO We have seen the market environment change in our favor on the buyer side. We see historical buyers being more inwardly focused as I mentioned on a prior call. And we also see, after a period of elevated valuations and sort of optimistic business plans, more modest valuations and modest expectations. So we think that's a good environment for us to transact.

> Jay Horgen Affiliated Managers Group—President & CEO

Our recent transactions filled specific product gaps in areas that we identified as high-growth opportunities. We now have a broader platform to build businesses organically. And as a result, the bar for new M&A activity is naturally higher. That said, we'll continue to look for strategic add-on acquisitions and strong growth areas where we can leverage our platform advantages and bring attractive investment products to our LPs.

> Michael Arougheti Ares Management Corporation— Co-Founder, CEO, President, Director

The first initiative in this category is our Elevate strategy, which will focus largely on seating small, emerging and diverse private equity managers and which was launched with a \$500 million investment from the California Public Employees Retirement System... And on behalf of our investors in Elevate to own interest in new private equity sponsors that will grow and turn into terrific valuable businesses.

> Jonathan Levin Grosvenor Capital Management, LP—President, MD, & Director

We feel very well represented in terms of traditional active, right. And then our area of focus on the inorganic side has led to -- have really been in the non-correlated or less correlated alternative types of strategies. So we still think that there's opportunities there.

George Aylward

Virtus Investment Partners— President, CEO, & Director

We continue to be interested, but extremely selective in the idea of adding adjacent capabilities. When we add capabilities, there's things that are very much front of mind for us, which is, is it really a complementary product that suits our DNA and allows us to sort of deliver on the strengths of Blue Owl and across the platform? Is it a place where we can really deliver a market-leading role and performance?

Marc Lipschultz

Blue Owl Capital Inc.—Co-President & Director

We have an objective of reentering [the credit] space. And we expect to at some point. Deal making, as you know, as far as inorganic entry deal making is always complicated, particularly in these types of business. So we're working on finding exactly the right partners and the right opportunity.

> Jack Weingart TPG Inc.—CFO & Director

The next decade is not likely to look like the last and we continue to invest strategically in areas that are shaping the future of our industry. Alternative investing is one of those areas.

> Jennifer Johnson Franklin Resources Inc.—President, CEO, & Director

The push for operating leverage, scale, distribution, and new product sets are driving transactions across the asset management landscape.

							Implied uation Multi (with earnor	tiple(s)
Announced	Target	Buyer	Sector	Target AUM	% Purchased	% of AUM	LTM Revenue	LTM EBITDA
Feb-23	Raven Capital Management	MetLife Investment Management	Private Credit	\$2,100	n.a.	*	*	*
Feb-23	Portfolio Advisors	FS Investments	Private Markets	38,000	n.a.	*	*	*
Dec-22	Marble Point Credit Management	Investcorp	Private Credit	7,800	100.0%	*	*	*
Oct-22	Credit Suisse Securitized Product Group	Apollo Global Management	Private Credit	55,000	100.0%	*	*	*
Oct-22	Pacific Asset Management	Aristotle Capital Management	Private Credit	20,700	100.0%	*	*	*
Oct-22	Iron Park	General Atlantic	Private Credit	4,000	100.0%	*	*	*
Aug-22	Western Technology Investment	P10	Venture Debt	2,526	100.0%	*	*	*
Jul-22	Pzena Investment Management	Management	Tradtional Asset Manager	45,000	100.0%	*	*	*
May-22	Alcentra	Franklin Templeton	Credit	38,000	100.0%	*	*	*
May-22	Salient Partners' Asset Management Business	Westwood Holdings	Energy and Infrastructure	4,500	100.0%	*	*	*
May-22	Greenbacker Capital Management	Greenbacker Renewable Energy Co.	Renewable Energy Infrastructure Manager	2,000	100.0%	*	*	*
May-22	Rockwood Capital	Colliers	Real Estate	12,000	65.0%	*	*	*
Apr-22	Manning & Napier	Callodine Group	Tradtional Asset Manager	22,543	100.0%	*	*	*
Apr-22	Abingworth	Carlyle	Life Sciences	2,000	100.0%	*	*	*
Mar-22	Napier Park	First Eagle Investment Management	Alternative Credit	18,700	100.0%	*	*	*
Mar-22	Mitsubishi Corp.—UBS Realty Inc.	KKR	Japanese Real Estate	15,000	100.0%	*	*	*
Mar-22	CarVal Investors	AllianceBernstein	Private Alternatives	14,300	100.0%	*	*	*
Mar-22	Baring Private Equity Asia	EQT	Asia Private Equity	19,470	100.0%	*	*	*
Mar-22	CBAM	Carlyle	Private Credit/CLO	15,000	100.0%	*	*	*
Feb-22	Wellfleet Credit Partners	Blue Owl	Private Credit/CLO	6,800	100.0%	*	*	*
Feb-22	Pollen Street ⁽¹⁾	Honeycomb Investment Trust	Private Credit	2,250	100.0%	*	*	*
Jan-22	Basalt Infrastructure	Colliers	Infrastructure	8,500	75.0%	*	*	*
Average					97.1%	9.0%	7.8x	18.7x
Median					100.0%	5.5%	4.0x	15.9x

Sources: Public filings, transcripts, SNL Financial, Wall Street estimates. Note: Blue highlighting represent Houlihan Lokey Transactions. (1) Reflects 1.33x USD/GBP exchange rate at time of announcement.

Recent Asset Management Trends Select Public Trading Comparables

(Dollars in millions, except per share o	data)			YTD	1-Year	-	E' Rev	V/ enue	E\ EBIT			Adj. nings
		Market	Intrinsic Enterprise	Stock Price	Stock Price	Assets Under						
Company	Ticker	Cap.	Value ⁽¹⁾	Return	Return	Mgmt.	2023E	2024E	2023E	2024E	2023E	2024E
Traditional Asset Managers												
BlackRock, Inc.	BLK	\$100,526	\$102,640	. ,	. ,	\$8,594,485	5.7x	5.1x	14.1x	12.4x	19.4x	17.0x
T. Rowe Price Group, Inc.	TROW	25,348	24,650	3.5	(26.1)	1,274,700	4.0	3.8	11.4	10.8	16.7	15.7
Franklin Resources, Inc.	BEN	13,480	21,920	2.1	(3.5)	1,387,700	2.8	2.8	11.0	10.8	10.9	9.8
Invesco Ltd.	IVZ	7,458	16,211	(8.8)	(29.6)	1,409,200	3.6	3.5	10.3	9.5	10.0	8.5
Affiliated Managers Group, Inc.	AMG	5,107	8,823	(10.1)	(1.4)	650,800	3.9	3.7	9.4	8.7	7.4	6.5
Janus Henderson Group plc	JHG	4,405	3,866	13.3	(25.2)	287,300	2.0	1.9	7.7	7.2	12.7	11.5
AllianceBernstein Holding LP	AB	4,161	4,428	6.4	(23.6)	646,400	1.2	1.1	4.6	4.0	13.2	11.8
Federated Hermes, Inc.	FHI	3,402	3,580	10.5	16.5	668,901	2.3	2.2	9.0	9.6	12.6	11.4
Cohen & Steers, Inc.	CNS	3,141	3,122	(0.9)	(27.1)	80,425	6.1	5.6	14.5	13.3	20.1	17.4
Artisan Partners Asset Mgmt. Inc.	APAM	2,541	2,870	7.7	(19.2)	127,892	3.0	2.9	9.3	8.8	12.0	11.2
Victory Capital Holdings, Inc.	VCTR	1,961	2,924	9.1	0.4	152,952	3.5	3.3	7.1	6.6	6.5	5.9
Virtus Investment Partners, Inc.	VRTS	1,388	3,585	(0.5)	(20.6)	149,376	4.7	4.3	13.5	12.3	8.2	7.3
BrightSphere Investment Group Inc.	BSIG	977	1,218	14.6	(4.3)	93,600	2.9	2.7	9.4	8.6	15.0	12.4
WisdomTree, Inc.	WT	855	1,046	7.5	(0.2)	81,986	3.2	2.9	13.5	12.2	21.8	18.1
High		000	110.10	14.6%	16.5%	\$8,594,485	6.1x	5.6x	14.5x	13.3x	21.8x	18.1x
Mean				3.5	(12.6)	1,114,694	3.5	3.3	10.3	9.6	13.3	11.7
Median				4.9	(16.1)	466,850	3.4	3.1	9.8	9.5	12.6	11.4
Low				(10.1)	(29.6)	80,425	1.2	1.1	4.6	4.0	6.5	5.9
Large, Diversified Alternative Mana	nore											
Blackstone Inc.	BX	\$106,334	\$98,633	18 /%	(31.4)%	\$974,673	8.9x	6.7x	15.3x	11.4x	16.2x	12.3x
	KKR											
KKR & Co. Inc.		58,814	42,777	13.1	(12.1)	503,897	7.8	6.1	13.4	11.0	18.4	14.7
Apollo Global Management, Inc.	APO	37,818	31,539	(1.0)	1.3	547,647	4.6	3.9	6.4	5.7	9.7	8.4
Ares Management Corp.	PGHN	24,583	24,456	21.9	0.5	351,997	7.1	5.3	18.3	13.7	21.0	15.4
Partners Group Holding AG	ARES	24,325	24,728	6.3	(24.1)	135,000	10.6	8.9	17.1	14.2	19.9	16.8
EQT AB	EQT	24,133	25,751	(3.9)	(48.7)	228,430	9.7	8.3	15.8	13.3	n.a.	n.a.
The Carlyle Group Inc.	CG	11,450	5,533	4.1	(37.2)	372,691	1.5	1.3	4.1	3.1	10.0	7.6
TPG Inc.	TPG	9,067	7,723	5.4	(4.9)	135,034	5.5	4.5	9.9	7.8	14.3	11.8
High				21.9%	1.3%	\$974,673	10.6x	8.9x	18.3x	14.2x	21.0x	16.8x
Mean Median				8.0 5.8	(19.6) (18.1)	406,171 362,344	7.0 7.5	5.6 5.7	12.5 14.3	10.0 11.2	15.6 16.2	12.4 12.3
Low				(3.9)	(18.1)	362,344 135,000		5.7 1.3	4.1	3.1	9.7	7.6
				(0.07		,						
Other Private Markets, Managemen	t Fee Centrie	<u>c</u>										
Blue Owl Capital Inc.	OWL	\$15,733	\$17,040	4.5%	(13.4)%	\$138,202	9.8x	7.8x	15.9x	12.5x	15.8x	13.2x
Hamilton Lane Inc.	HLNE	4,004	4,353	15.8	(5.4)	108,000	9.0	8.1	17.3	16.0	21.2	16.4
Petershill Partners plc	PHLL	2,377	2,377	2.8	(37.1)	283,000	6.1	5.1	6.8	5.8	8.5	7.1
StepStone Group Inc.	STEP	1,525	2,726	(3.6)	(28.0)	134,000	4.4	3.4	10.7	8.6	17.9	12.7
Grosvenor Capital Management, LP	GCMG	1,476	1,451	2.6	(18.9)	73,667	3.0	2.6	8.1	6.5	13.1	10.3
_P10, Inc.	PX	1,212	1,479	(5.2)	(17.7)	21,206	6.2	5.3	13.5	11.3	26.3	19.7
High				15.8%	(5.4)%	\$283,000	9.8x	8.1x	17.3x	16.0x	26.3x	19.7x
Mean				2.8	(20.1)	126,346	6.4	5.4	12.0	10.1	17.1	13.2
Median				2.7	(18.3)	121,000	6.2	5.2	12.1	9.9	16.9	13.0
Low				(5.2)	(37.1)	21,206	3.0	2.6	6.8	5.8	8.5	7.1

Source: Public filings, transcripts, SNL Financial, Wall Street estimates.

Note: Financial data as of most recent available; market data as of March 31, 2023.

(1) For alternative managers, reflects total market value of debt and equity, less cash, 0.9x book value of investment portfolio and 0.9x

the book value of carried interest.

(2) Excludes investment income.

Houlihan Lokey Asset Management Extensive Transaction Experience

We have unmatched experience serving asset management platforms and know how to position platforms in a way that appeal to the best buyers; our matching process and execution skill ensures parties achieve their strategic objectives.

Since 2015, We Have Closed Asset Management Transactions Covering the Following



Select Completed Platform Deals

Select Completed Asset Company Deals

Greenbacker Certal has been acquired through an internalization by Greenbacker Kuttaakt tasker contaver Sellside Advisor	NAPIERPARK has been acquired by First Eagle Investments Sellside Advisor	VISTRIA. has made a strategic pathership in and recapitalization of VISTRIA. State of the strategic pathership in strategic pathership in strategic pathership in strategic pathership in State of the strategic pathership in strategic path	CER I Specialy Lending Corporation has marged with OAKTREE CANTREE STATEOC INCOM II, INC. Special Committee Advisor	S SLR SENIOR INVESTMENT CORP has merged with S SLR INVESTMENT CORP Sellside Advisor	BENEFIT STREET REALTY TRUST has merged with CAPSTEAD Buyside Advisor	An affiliate of FundamentalAdvisors has acquired Copitol Holdings Buyside Advisor
READY CAPITAL.	As acquired	Ecton Vance Thas been acquired by Morgan Stanley Fairness Opinion	OAKTREE Coll Interact Internet Corporations Anas margad with OAKTREE OCK IlSpecialy Lending Corporation Special Committee Advisor	TERES EXACT STATES Series B. Consultante Redeemable Preferred Stock with Warrants Recapitalization S325.000,000 Exclusive Placement Agent	MEDLEEY CAPITAL CORPORATION has sold its hierests in the MCC Service Lans Strategy JP Portfolio to a private fund managed by GOLUB CAPITAL Stellside Advisor	Alcentra Capital Corporation has merged with CRESCENT Crescent Capital BDC, Inc. Exclusive Seliside Advisor
KENNEDY LEWIS Assold a minority equity GP stake b Assold a minority equity GP stake b Martin Lierana Transmission Assol a minority equity GP stake b Martin Lierana Transmission Assol a minority equity GP stake Bartin Lierana Transmission Assol a minority equity equit	CRETSTONE has acquired America First Capital Associates Limited Partnership Two The General Partner of ATTAX American Construction American Construction Construction American Constructio	Complete a series of strategic citors including equity readigment, a C-Corp conversion, actarage in concortes governance, and a preferred restructuring Special Committee Advisor	EXAMPLE FINANCIAL INC. externalized management to an affiliate of BC Partners Buyside Advisor	TRANSLE CONTAINED TO A CONTAINANT TO A CONTAIN	IN NEWSTAR FINANCIAL has been acquired by FFETEACLE and has sold a \$2.4 billion middle- market loan and credit investment porticio to a fund sponsorred by G \$ 0 CAPITAL PARTNERS Financial Advisor	FIFTH STREET* The closed the effective transfer of certain external investment management agreements to OAKTREE Special Committee Advisor
STANDARD GENERAL As repurchased their minority seed interest Torn WEREFORM Capatal Charge	HALCYON has sold minority equity stakes to TPG Sixth Street Partners and Dyal Capital partners Exclusive Seliside Advisor	The second Committee Advisor	BENEFIT STREET has been appointed as the external advisor of Realty Finance Trus Strategic Advisor	BENEFIT STREET As been appointed as the external advisor of BEDECA BEDECA BEDECALSER	FCI Full Circle Capital has merged with GREAT ELM CAPITAL	A POLLO Comment Related France has acquired A POLLO RESIDENTIAL MORECARD

Tombstones included herein represent transactions closed from 2016 forward.

Houlihan Lokey Asset Management Coverage Team

Our experienced asset management team is available to discuss your questions and thoughts around the asset management sector and strategic decisions you may be contemplating for your business and is supported by specialist colleagues across the Houlihan Lokey franchise.

Michael James Eric Charles Tyler Andy **McMahon** Weber **Hibbs** Candee Scheideman Page Managing Director Senior Vice Managing Managing Vice President Associate Head of Asset President Director Director Management Miami New York New York New York New York Los Angeles 305,779,1180 212,497,7810 212.830.6162 310.712.6592 646,259,7455 212,497,4212 JPage @HL.com EWeber@HL.com CHibbs @HL.com TCandee@HL.com AScheideman@HL.com MMcMahon@HL.com Capital Portfolio Valuation and Financial **Financial Markets Fund Advisory Sponsors** Restructuring

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Oscar **Aarts** Managing Director

2	

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Ryan Sandahl Managing Director



Jeffrey Lewis Managing Director

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Locations

Americas		Europe and	Middle East	Asia-Pacific	
Atlanta	Miami	Amsterdam	Milan	Beijing	Nagoya
Boston	Minneapolis	Dubai	Munich	Fukuoka	Osaka
Chicago	New York	Frankfurt	Paris	Gurugram	Shanghai
Dallas	San Francisco	London	Stockholm	Ho Chi Minh City	Singapore
Houston	São Paulo	Madrid	Tel Aviv	Hong Kong SAR	Sydney
Los Angeles	Washington, D.C.	Manchester	Zurich	Mumbai	Tokyo
HLI					
LISTED NYSE					

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Product Expertise

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