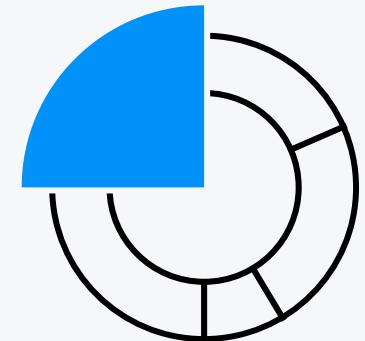


December 31, 2025

# J.P. Morgan Mid Cap Growth Strategy

Separately Managed Account



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## Capabilities

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### **Strategy: Mid Cap Growth Strategy SMA**

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## Appendix (includes GIPS® Report)

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# Strategy overview

## J.P. Morgan Mid Cap Growth Strategy SMA



### Expertise

#### Seasoned portfolio management team focused on growth

- Portfolio managers Felise Agranoff and Michael Stein have 22 and 18 years of experience, respectively<sup>1</sup>
- Supported by a dedicated growth research team that averages 15 years of experience



### Portfolio

#### Fundamental, bottom-up approach that focuses on stocks with strong growth potential

- Seeks high quality companies whose growth is being underappreciated by the market
- Rigorous sell discipline



### Results

#### Consistent & competitive results over time

- A diversified portfolio that has delivered consistent results
- Style pure approach

<sup>1</sup> Felise Agranoff has been with the team since 2006 and a portfolio manager since 2015. Michael Stein joined in 2014 and was named as a co-portfolio manager in May 2025

Source: J.P. Morgan Asset Management as of 12/31/2025.

*Past performance is not indicative of future returns*

02

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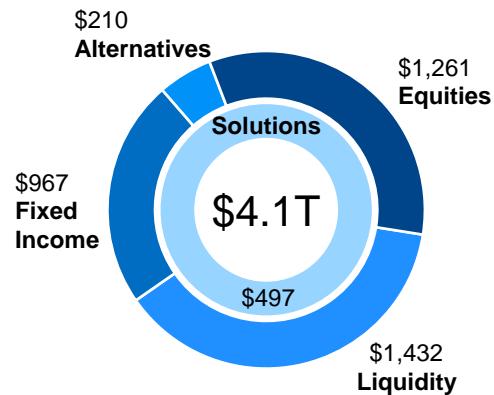
# Capabilities

# J.P. Morgan Asset Management: Broad, diversified \$4.1T active manager

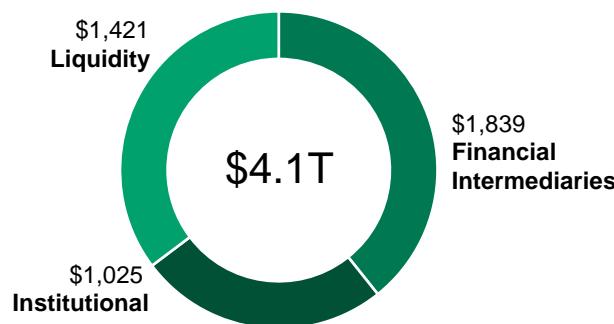
The power of perspective to build stronger portfolios

## Assets under supervision (\$B)

### By Asset Class<sup>1,2</sup>



### By Client Segment<sup>1</sup>



**\$480M**

Annual research  
budget<sup>3</sup>

**70+**

Investment  
engines<sup>4</sup>

**57%**

Largest pensions /  
SWFs as clients<sup>4</sup>

**>70%**

Coverage of industry  
assets<sup>5</sup>

**67%**  
Americas

**24%**  
EMEA

**9%**  
APAC

With revenue diversified across regions<sup>1</sup>

As of September 30, 2025; unless otherwise noted. Due to rounding, data may not always add up to the total assets under supervision (AUS).

<sup>1</sup>As of September 30, 2025. Includes custom glide path and retail advisory assets; <sup>2</sup>AUS by asset class includes AUS managed behalf of other investment teams; <sup>3</sup>Only for AM; <sup>4</sup>J.P. Morgan Asset Management as of December 31, 2024; <sup>5</sup>J.P. Morgan Asset Management Business Intelligence, as of December 31, 2024, and includes U.S. Advisors only; <sup>6</sup>J.P. Morgan Asset Management, ISS Market Intelligence Simfund, public filings and company websites; <sup>7</sup>Morningstar; <sup>8</sup>iMoneyNet.

## Global 2024 rankings

**#1** Active Flows<sup>6</sup>

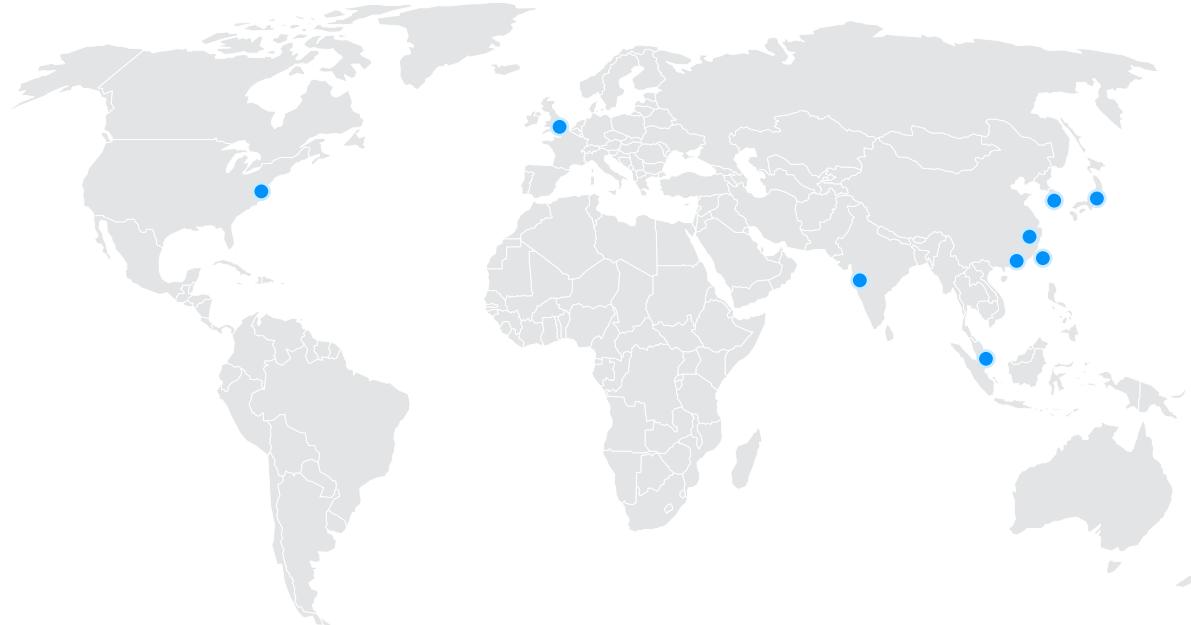
**#1** Active ETF Flows<sup>7</sup>

**#1** Active Equity Flows<sup>6</sup>

**#2** Active Fixed Income Flows<sup>6</sup>

**#1** Institutional Money Market  
Funds AUM<sup>8</sup>

# Global Equities: long history of combining local insights with global resources



**90% of Global  
Equity AUM is  
outperforming  
over the past  
10 years\***

132	Fundamental Research	128	Portfolio Managers	22	Quant. Research & Data Science	52	Investment Specialists
7 Research Heads	<b>Research Analysts</b> 64 United States 23 Europe 38 Asia	30 US Equities 53 International Equities 45 Emerging Markets & Asia Equities	9 US 8 Europe 5 Asia	24 US 18 Europe 10 Asia			
48	Sustainable Investing & Stewardship Team	34	Traders & Analytics	43	Implementation		
26 Stewardship 22 Sustainable Investing	27 Traders 7 Trading Analytics	16 US 13 Europe 14 Asia					

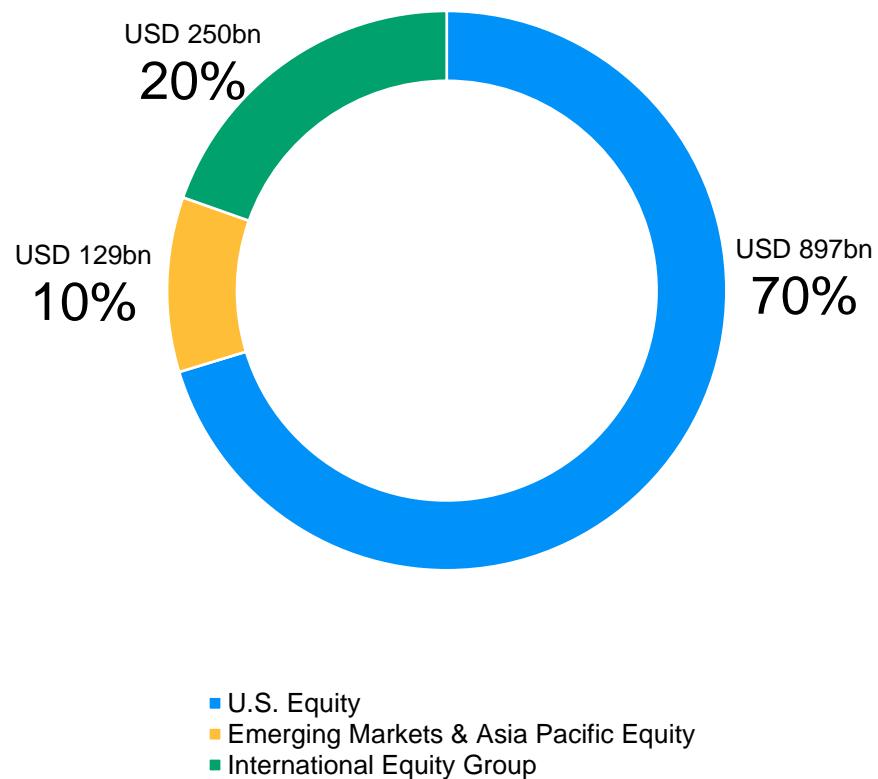
Data as at 30 October 2025. Note this illustrates the resources available and does not necessarily reflect reporting lines. \*Source: J.P. Morgan Asset Management, gross of fees vs. relevant benchmark. Includes all funds/accounts where there is a relevant benchmark and performance returns have been mapped to Finance book of business. Gross of fee returns used where available. \*\* Includes both internal and external research costs across equities.

# Equities assets under management

As of December 31, 2025, J.P. Morgan Asset Management's Equity teams manage USD 1,276 billion

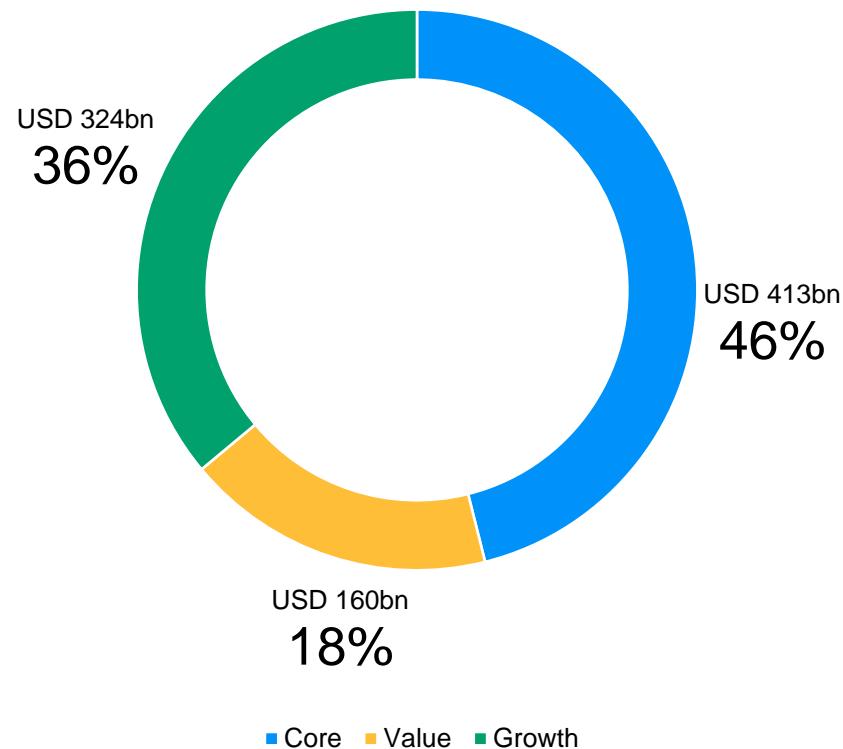
## Equities

USD 1,276bn total assets under management



## U.S. Equity

USD 897bn total assets under management



Source: J.P. Morgan Asset Management. Data includes internal Fund of Funds and joint ventures.

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# Expertise

# A dedicated portfolio team focused on Mid & Small Cap Growth

Also leverages the insights of the J.P. Morgan Equity organization, which includes over 40 research analysts in the U.S. and over 200 globally

## Portfolio management



**Felise Agranoff**

Managing Director  
**Portfolio Manager**  
Experience: 22 / 22



**Mike Stein**

Managing Director  
**Portfolio Manager**  
**Industrials & Energy**  
Experience: 18 / 12

## Research team



**Chris Kuehnle**

Executive Director  
**Healthcare**  
Experience: 14 / 2



**Eric Ghernati**

Executive Director  
**Technology**  
Experience: 26 / 6



**Zach Venditto**

Executive Director  
**Financials / Business Services**  
Experience: 14 / 14



**Artem Savchenko**

Executive Director  
**Healthcare**  
Experience: 15 / 4



**Greg Madsen**

Executive Director  
**Consumer**  
Experience: 14 / 14



**Samantha Yellen**

Vice President  
**Industrials**  
Experience: 11 / 5



**Abbie Zvejnieks**

Vice President  
**Consumer**  
Experience: 7 / 2

## Investment specialist team



**James Connors**

Experience: 21 / 21



**Nick Cangialosi**

Experience: 16 / 14



**Douglas Stewart**

Experience: 15 / 15



**Scott Shladovsky**

Experience: 16 / 16



**Steve Lewis**

Experience: 11 / 11

As of December 2025. Years of experience: industry / firm. There can be no assurance that the professionals currently employed by J.P. Morgan Asset Management will continue to be employed by J.P. Morgan Asset Management or that the past performance or success of any such professional serves as an indicator of such professional's future performance or success.

# An experienced team dedicated to growth investing



**Jonathan Sherman**

Head of U.S. Equity  
Experience: 28 / 21



**Eytan Shapiro**

CIO Growth  
Lead PM Small Cap Growth  
Experience: 43 / 40

## Portfolio managers



**Felise Agranoff**

Lead PM Growth Advantage  
& Mid Cap Growth  
Experience: 22 / 22



**Giri Devulapally**

Lead PM  
Large Cap Growth  
Experience: 34 / 22



**Joe Wilson**

Lead PM U.S. Technology  
Co-PM Large Cap Growth  
Large Cap Technology  
Experience: 21 / 11

## Research team



**Larry Lee**

Co-PM Large Cap Growth  
Co-PM Growth Advantage  
Large Cap Financials /  
Business Services  
Experience: 33 / 20



**Robert Maloney**

Co-PM Large Cap Growth  
Large Cap Industrials/Energy  
Experience: 26 / 13



**Holly Morris**

Co-PM Large Cap Growth  
Large Cap Healthcare  
Experience: 21 / 14



**Eric Ghernati**

Co-PM U.S. Technology  
Mid & Small Cap  
Technology  
Experience: 26 / 6



**Michael Stein**

Co-PM Small Cap Growth  
Co-PM Mid Cap Growth  
Mid & Small Cap  
Industrials/Energy  
Experience: 18 / 12



**Janet King**

Large Cap Consumer  
Experience: 24 / 3



**Zach Venditto**

Mid & Small Cap  
Financials/Business  
Services  
Experience: 14 / 14



**Artem Savchenko**

Mid & Small Cap  
Healthcare  
Experience: 15 / 4



**Jason Yum**

Technology  
Experience: 16 / 4



**Greg Madsen**

Mid & Small Cap  
Consumer  
Experience: 14 / 14



**Abbie Zvejnieks**

Mid & Small Cap  
Consumer  
Experience: 7 / 2



**Samantha Yellen**

Mid & Small Cap  
Industrials/Energy  
Experience: 11 / 5



**Chris Kuehnle**

Mid & Small Cap  
Healthcare  
Experience: 14 / 2



**Katy Ansel**

Generalist  
Experience: 8 / 6



**Drew Chamberlain**

Mid & Small Cap  
Industrials  
Experience: 5 / 5

## Investment specialists



**James Connors**

Experience: 21 / 21



**Nick Cangialosi**

Experience: 16 / 14



**Douglas Stewart**

Experience: 15 / 15



**Scott Shladovsky**

Experience: 16 / 16



**Steve Lewis**

Experience: 11 / 11

As of December 2025. Years of experience: industry/firm. There can be no assurance that the professionals currently employed by J.P. Morgan Asset Management will continue to be employed by J.P. Morgan Asset Management or that the past performance or success of any such professional serves as an indicator of such professional's future performance or success.

# 04

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# Process

# Investment philosophy



**Felise Agranoff**  
Portfolio Manager



**Michael Stein**  
Portfolio Manager

***“We focus on high quality companies whose long-term growth rates are underappreciated by the market.”***

## Our belief set:

- The market often underappreciates a growth company's true earnings power
- The market rewards high quality growth companies with dominant and durable franchises

## We seek to own companies with:

- Large and/or growing addressable markets
- Sustainable competitive advantages and leading market share positions
- Predictable earnings
- Management teams who have a track record of success

The manager seeks to achieve the stated objectives. There can be no guarantee the objectives will be met.

# A collaborative, disciplined and repeatable process



## Idea generation

- Deep domain expertise of our dedicated sector analysts
- Company meetings and industry conferences
- Industry contacts & customers
- Proprietary quantitative screens
  - earnings revisions
  - price momentum
  - valuation



## Fundamental analysis

- Collaborative process between analysts and portfolio managers:
  - Assess the vision and track record of the management team
  - Analyze financial statements, fundamental drivers & ESG considerations
  - Third party checks, survey work and technical papers
  - Project long term earnings potential and compare with street expectations
  - Maintain objectivity with a clearly articulated thesis and pre-mortem



## Portfolio construction

- Position sizes determined by:
  - Strength of conviction
  - Quality of business
  - Portfolio considerations of risk and diversification
  - Valuation
  - Liquidity
- Bottom-up, diversified & style pure portfolio of 80–120 holdings with a maximum stock weighting of 5%
- Sector constraints:
  - +/-10% at the sector level

For illustrative purposes only.

The manager seeks to achieve the stated objectives. There can be no guarantee the objectives will be met.

# Sell discipline is as important as buy discipline

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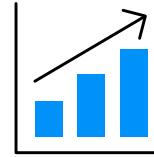
Will not add to a position if fundamental issues exist



Fundamental research identifies a divergence from the original investment thesis



Valuation alone is not a good reason to own a growth stock; never too “cheap” to sell



Market expectations exceed company's ability to deliver



Displacement by a better idea

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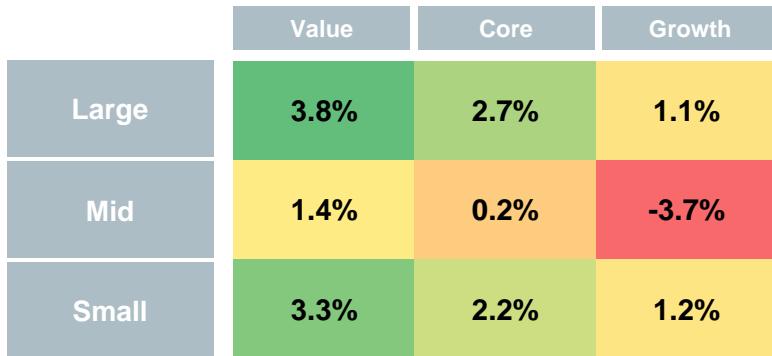
The manager seeks to achieve the stated objectives. There can be no guarantee the objectives will be met.

# Results

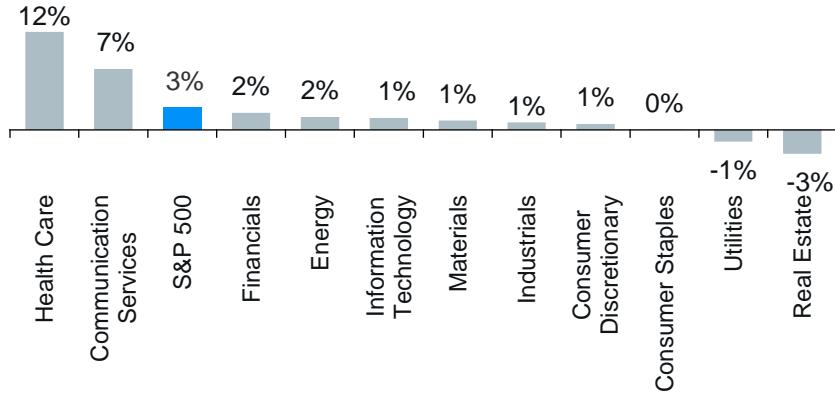
# Market Environment

## Fourth Quarter 2025 Index Returns

Oct 01, 2025 – Dec 31, 2025 shaded from best-to-worst performing index



## Fourth Quarter 2025 S&P 500 Index Sector Returns

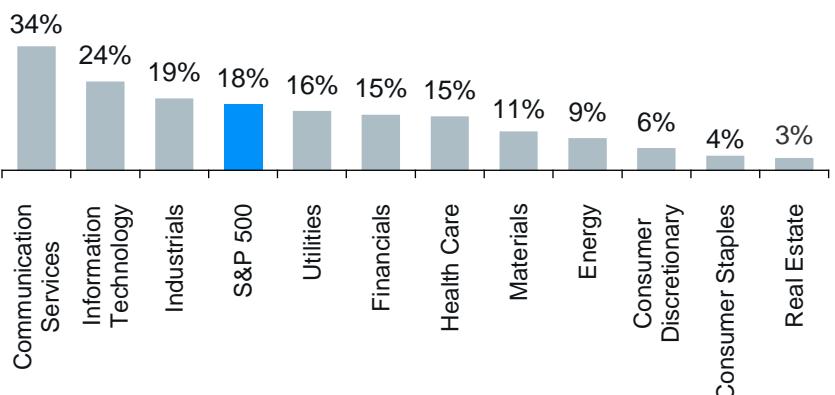


## 2025 Index Returns

Jan 01, 2025 – Dec 31, 2025 shaded from best-to-worst performing index



## 2025 S&P 500 Index Sector Returns



Source: J.P. Morgan Asset Management; Morningstar, Frank Russell Company, Standard & Poor's. For all time periods, total return is based on Russell-style indexes except for the large blend category, which is based on the S&P 500 Index. ***Past performance is not a guarantee of future results.***

# Performance

J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025 Supplemental to annual performance report

Market value	J.P. Morgan Mid Cap Growth Strategy SMA
December 2025	\$19,810m

## Time-weighted trailing rates of return (%)

Trailing performance (%)	4Q25	1 year	3 years	5 years	10 years	Since inception*
J.P. Morgan Mid Cap Growth MA (Gross)	-2.40	9.94	16.41	5.40	13.29	11.06
J.P. Morgan Mid Cap Growth MA (Net of max. allowable fees – 300bps) <sup>1</sup>	-3.14	6.64	12.92	2.24	9.89	7.73
Russell Midcap Growth Index	-3.70	8.66	18.64	6.65	12.49	9.99
<b>Excess Returns vs. Index (gross)</b>	<b>1.30</b>	<b>1.29</b>	<b>-2.23</b>	<b>-1.24</b>	<b>0.80</b>	<b>1.07</b>
<b>Excess Returns vs. Index (net)</b>	<b>0.56</b>	<b>-2.01</b>	<b>-5.72</b>	<b>-4.41</b>	<b>-2.60</b>	<b>-2.26</b>

## Calendar year returns performance (%)

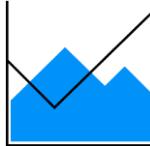
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
J.P. Morgan Mid Cap Growth MA (Gross)	18.30	-41.76	43.74	26.81	-6.12	16.36	41.79	12.28	3.82	1.18	30.64	-3.51	40.53	49.39	11.79	-26.24	24.64	15.13	9.94
JPM Mid Cap Growth MA (Net of max. allowable fees – 300bps) <sup>1</sup>	14.85	-43.57	39.60	23.12	-8.92	12.95	37.71	8.99	0.75	-1.81	26.86	-6.38	36.49	45.10	8.51	-28.45	20.90	11.67	6.64
Russell Midcap Growth Index	11.43	-44.32	46.29	26.38	-1.65	15.81	35.74	11.90	-0.20	7.33	25.27	-4.75	35.47	35.59	12.73	-26.72	25.87	22.10	8.66
<b>Excess Returns vs. Index (gross)</b>	<b>6.87</b>	<b>2.56</b>	<b>-2.55</b>	<b>0.43</b>	<b>-4.47</b>	<b>0.55</b>	<b>6.05</b>	<b>0.38</b>	<b>4.02</b>	<b>-6.15</b>	<b>5.37</b>	<b>1.24</b>	<b>5.06</b>	<b>13.80</b>	<b>-0.94</b>	<b>0.48</b>	<b>-1.23</b>	<b>-6.98</b>	<b>1.29</b>
<b>Excess Returns vs. Index (net)</b>	<b>3.42</b>	<b>0.75</b>	<b>-6.69</b>	<b>-3.26</b>	<b>-7.27</b>	<b>-2.86</b>	<b>1.97</b>	<b>-2.91</b>	<b>0.95</b>	<b>-9.14</b>	<b>1.59</b>	<b>-1.63</b>	<b>1.02</b>	<b>9.51</b>	<b>-4.22</b>	<b>-1.73</b>	<b>-4.97</b>	<b>-10.43</b>	<b>-2.01</b>

<sup>1</sup> Please note, actual fees associated with this strategy may be lower.

**The performance quoted is past performance and is not a guarantee of future results. Performance includes the reinvestment of income.** Please note, the "net of fee" composite performance returns is calculated using maximum allowable fees of 300 bps. Actual fees may be lower based on assets under management and other factors. Where fees are lower, "net of fees" performance returns will be higher. As such, "net of fees" performance for actual accounts may differ significantly from the "net of fees" performance shown above. The Russell Midcap Growth Index is an unmanaged, capitalization weighted, price only index that measures the performance of those companies included in the Russell Midcap Index that have higher price to book and higher growth rates. The Russell Midcap Growth Index is a market-cap-weighted index of widely held stocks that are used as a representation of the mid cap market. The returns are total returns and include the reinvestment of dividends. An individual cannot invest directly in an index. Source: J.P. Morgan Asset Management; Frank Russell Company. Composite inception is 11/30/2001. Managed Account performance is linked to the institutional composite from 11/30/2001 to 5/31/2008, from 6/1/2014 to 5/31/2018 and from 4/1/2019 to present. Refer pages under appendix for a glossary of investment terms.

# 2025 recap

**J.P. Morgan Mid Cap Growth MA (gross of fees) returned 9.94% vs. 8.66% for the Russell Midcap Growth. Net of fees, the Strategy returned 6.64%.**



## Market environment

- JPM Mid Cap Growth MA staged a recovery in performance as leadership broadened in the 2<sup>nd</sup> half of 2025, closing ahead of the benchmark in the last two quarters, bringing performance in line with the index for the full year.
- Performance in the 1<sup>st</sup> half of the year was challenged due to underexposure to large benchmark positions and stock selection within technology.
- Differentiated stock picking across a variety of sectors in the 2<sup>nd</sup> half of the year offset these headwinds. For the full year, stock selection within industrials and financials were top contributors while technology lagged despite being the top contributor in 4Q.



## Stock Selection

- Positive contribution from high conviction names across sectors - Ciena, Insmed, MongoDB, Teradyne.
- Names added last year where fundamentals are inflecting – Robinhood & Comfort Systems (both trimmed on strength).
- Newer positions also additive - Reddit & Rocket Labs.
- Underweight Palantir Technologies drove 82% of underperformance through 2Q, peaking in the benchmark at over 9% weighting and subsequently left the Index at the end of 2Q.



## Positioning

- Well positioned to capitalize on a broadening of leadership with exposure across enduring growth franchises and areas with lower expectations.
- Opportunities are being found across a wide array of sectors as the pace of innovation and disruption is accelerating significantly.
- For example, health care is now a top overweight with increased conviction in select biotech companies executing on idiosyncratic opportunities.
- The team has selectively added to larger benchmark positions (e.g. Royal Caribbean, Idexx Laboratories) in 2025 to manage risk amid heightened benchmark concentration.

*The performance quoted is past performance and is not a guarantee of future results. Performance includes the reinvestment of income.* Please note, the “net of fee” composite performance returns is calculated using maximum allowable fees of 300 bps. Actual fees may be lower based on assets under management and other factors. Where fees are lower, “net of fees” performance returns will be higher. As such, “net of fees” performance for actual accounts may differ significantly from the “net of fees” performance shown above. Excess returns are calculated by subtracting the benchmark returns from the strategy returns. Source: J.P. Morgan Asset Management.

# Performance attribution – 2025

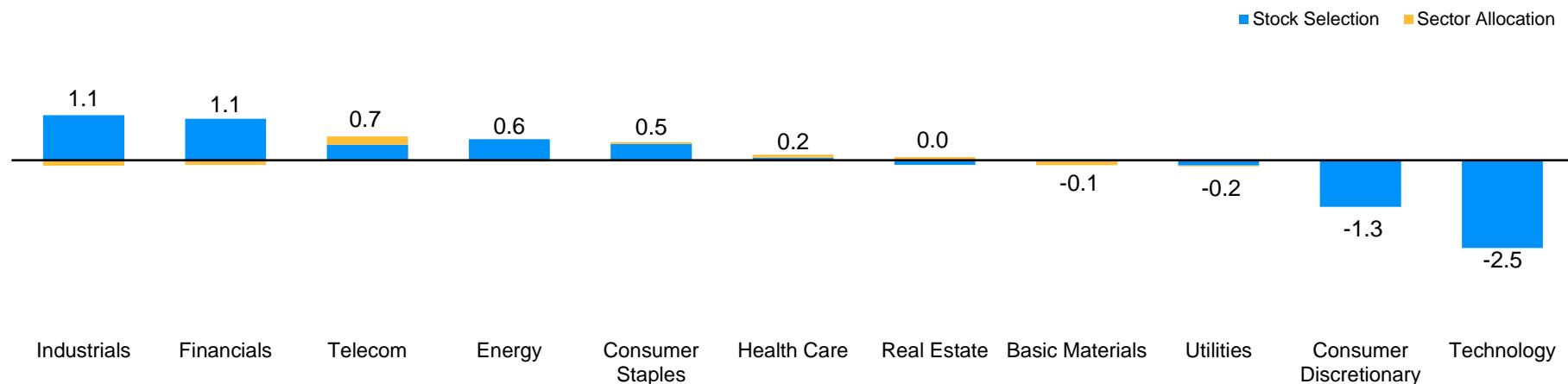
J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025

Benchmark	Russell Midcap Growth Index
Stock: 0.06%   Sector: 0.28%	

Top contributors	Relative weight <sup>1</sup> (%)	Impact (%)
Robinhood Markets	1.06	1.34
Ciena	0.68	0.94
Insmed	0.93	0.84
Deckers Outdoor *	-0.59	0.59
MongoDB	0.50	0.56

Top detractors	Relative weight <sup>1</sup> (%)	Impact (%)
Palantir Technologies *	-1.63	-1.78
Idexx Laboratories *	-1.08	-0.65
Coinbase *	-0.17	-0.51
Saia	0.34	-0.51
Astera Labs *	-0.30	-0.50

## Sector attribution (%)



<sup>1</sup>Average weight \* Was underweight or not owned during the period.

Source: J.P. Morgan Asset Management, Frank Russell Company. The benchmark is the Russell Midcap Growth Index. For illustrative purposes only. Percentages may not add up to 100% due to rounding and cash. Data shown above is for a representative account for the strategy.

The portfolio is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. Past performance is no guarantee of future results. **Past performance is no guarantee of future results. Attribution is gross of fees. The securities highlighted above have been selected based on their significance and are shown for illustrative purposes only. They are not recommendations.**

# Performance attribution – 4Q25

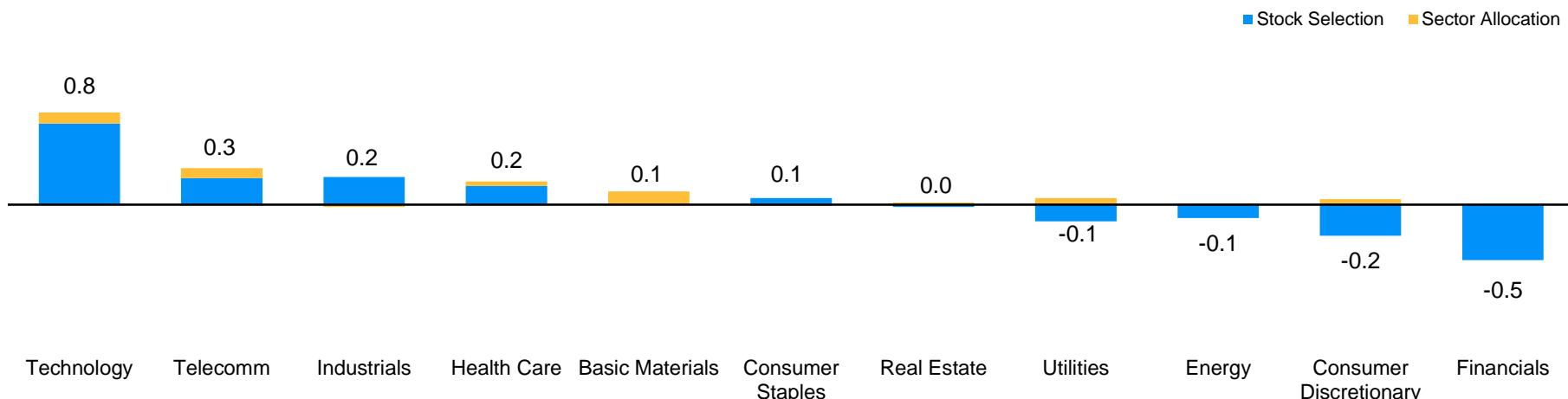
J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025

Benchmark	Russell Midcap Growth Index
Stock: 0.40%   Sector: 0.47%	

Top contributors	Relative weight <sup>1</sup> (%)	Impact (%)
Ciena	1.02	0.50
Teradyne	0.90	0.30
MongoDB	0.92	0.30
Insmed	1.24	0.24
Twilio	0.60	0.22

Top detractors	Relative weight <sup>1</sup> (%)	Impact (%)
Expedia *	-0.99	-0.31
Cardinal Health *	-0.75	-0.21
Robinhood Markets	1.02	-0.19
AST Spacemobile *	-0.15	-0.17
Coreweave	0.11	-0.17

## Sector attribution (%)



<sup>1</sup>Average weight \* Was not owned during the period.

Source: J.P. Morgan Asset Management, Frank Russell Company. The benchmark is the Russell Midcap Growth Index. For illustrative purposes only. Percentages may not add up to 100% due to rounding and cash. Data shown above is for a representative account for the strategy.

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06

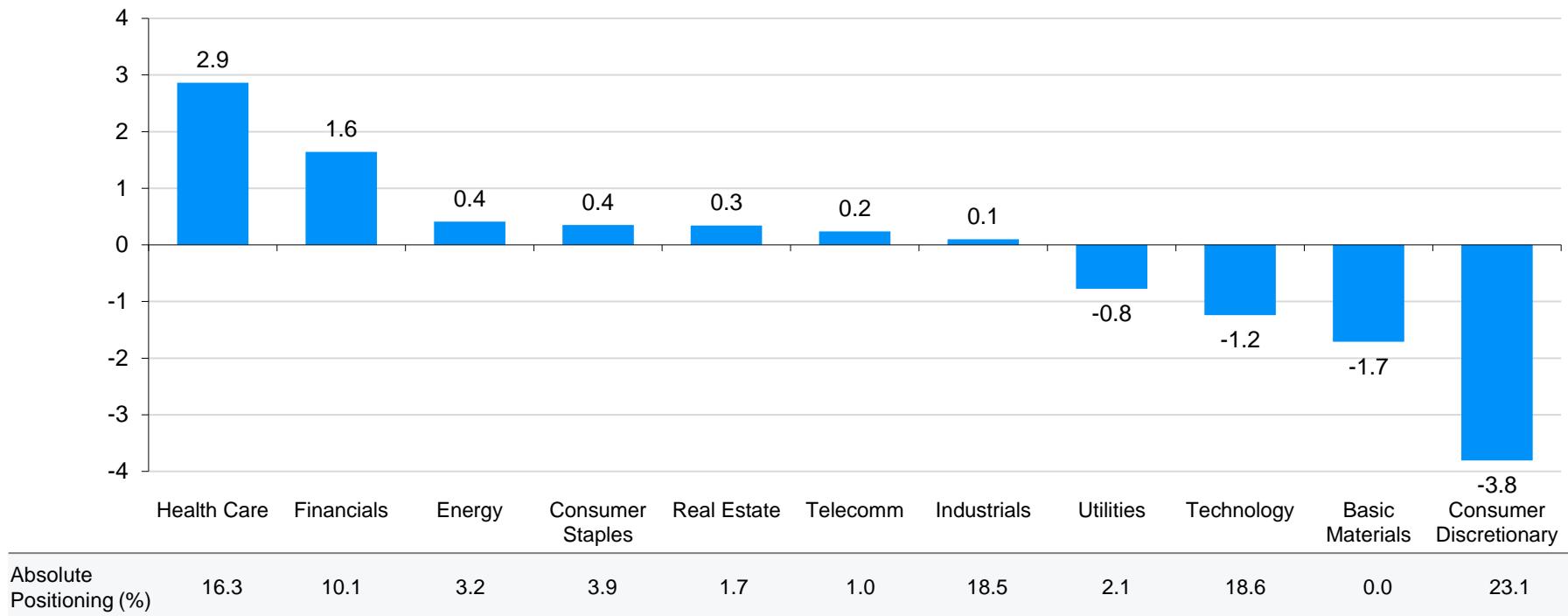
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# Portfolio

# Sector positioning

J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025

## Relative sector weightings (%)<sup>1</sup>



<sup>1</sup>Reflects relative position to the benchmark Russell Midcap Growth Index. For illustrative purposes only. Source: J.P. Morgan Asset Management (includes cash), Frank Russell Company. The portfolio is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. ***Past performance is not a guarantee of future results.***

# Major transactions: 4Q 2025

J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025

## Top Buys

- BWX Technologies \*
- Cencora
- Fabrinet \*

## Top Sells

- Applovin \*
- Jefferies Financial \*
- Vistra

*\*Position was a new initiation or elimination*

The benchmark is the Russell Midcap Growth Index. For illustrative purposes only. Source: J.P. Morgan Asset Management (includes cash), Frank Russell Company. The portfolio is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. ***Past performance is no guarantee of future results. The information above is taken from a representative account. Actual account information may differ.***

# Portfolio weightings

J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025

Top 10 holdings	Portfolio weight (%)	Benchmark weight (%)	Active position (%)	Top 10 overweights	Portfolio weight (%)	Benchmark weight (%)	Active position (%)
Hilton Worldwide	3.01	2.21	0.81	Williams	1.19	0.00	1.19
Royal Caribbean	2.85	2.38	0.47	MongoDB	1.24	0.11	1.13
Howmet Aerospace	2.45	2.77	-0.32	Insmed	2.22	1.15	1.07
Carvana	2.40	1.92	0.48	CBRE	1.23	0.18	1.06
Insmed	2.22	1.15	1.07	Ulta Beauty	1.27	0.23	1.04
Cencora	2.19	2.08	0.10	Ciena	1.00	0.00	1.00
Quanta Services	2.16	1.62	0.54	Teradyne	0.97	0.00	0.97
Alnylam Pharmaceuticals	2.13	1.70	0.43	Take-Two Interactive	1.47	0.53	0.94
Vistra	2.07	1.84	0.24	ITT	0.88	0.00	0.88
Cloudflare	1.97	2.08	-0.11	Raymond James	0.84	0.00	0.84
<b>Total</b>	<b>23.46</b>	<b>19.75</b>	<b>3.71</b>	<b>Total</b>	<b>12.32</b>	<b>2.20</b>	<b>10.13</b>

The inclusion of the securities mentioned above is not to be interpreted as recommendations to buy or sell.

The benchmark is the Russell Midcap Growth Index. For illustrative purposes only.

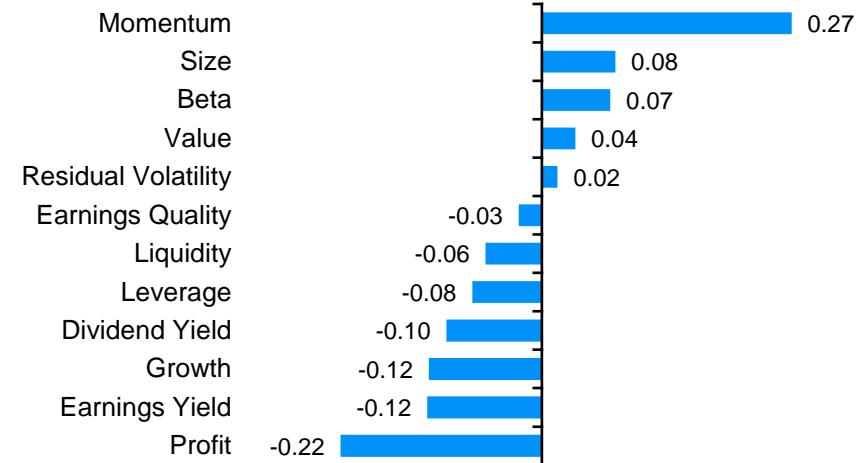
Source: J.P. Morgan Asset Management (includes cash), Frank Russell Company. The portfolio is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. ***Past performance is no guarantee of future results.***

# Portfolio characteristics

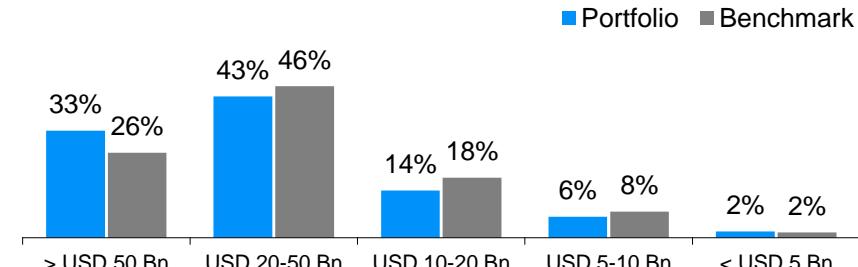
J.P. Morgan Mid Cap Growth Strategy SMA as of December 31, 2025

Characteristics	Portfolio	Benchmark
Weighted Avg. Market Cap	\$39.4bn	\$33.2bn
Price / Earnings, 12-mth fwd <sup>1</sup>	27.7x	21.3x
EPS Growth, 12-mth fwd	20.8%	17.5%
Beta <sup>2</sup>	0.96	1.00
Tracking Error <sup>2</sup>	3.22	N/A
Turnover <sup>3</sup>	53%	N/A
Active Share	50%	N/A
Number of holdings	109	276

## BARRA tilts (relative to Russell Mid Cap Growth Index)



## Market capitalization



1. Includes negatives.

2. Three-year trailing, calculated on a monthly basis.

3. Average 12-month turnover over past three years.

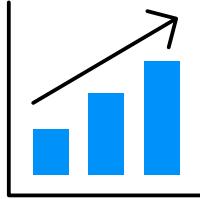
The benchmark is the Russell Mid Cap Growth Index. For illustrative purposes only. **Data shown above is for the representative account of the strategy.**

Source: J.P. Morgan Asset Management, Frank Russell Company, BARRA. The portfolio is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. **Past performance is no guarantee of future results.**

# Appendix

# Environments

## J.P. Morgan Mid Cap Growth Strategy SMA

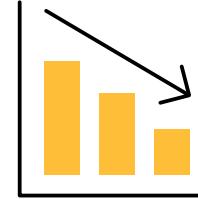


### Environments in which the portfolio tends to perform well

- Company-specific fundamentals are the main driver of returns
- Stocks with higher growth characteristics are being rewarded

#### Example: 2013

- The portfolio owned both secular growth businesses that had internal growth drivers, and pro-cyclical businesses that were accelerating off a depressed base
- High growth stocks and strong management execution were characteristics that were rewarded
- Stock selection was strong across a variety of sectors, led by financials, health care and technology



### Environments in which the portfolio tends to struggle

- Growth characteristics are not rewarded
- Extremely defensive markets
- When commodity cyclicals lead the market

#### Example: 2016

- Growth characteristics were not rewarded throughout the year as investors preferred stocks with low valuations
- Defensive characteristics outperformed significantly early in the year
- Stock selection detracted across a number of sectors, led by consumer discretionary, health care and technology

The opinions and views expressed here are those held by the author, which are subject to change and are not to be taken as or construed as investment advice.

# Positioning has evolved as we adapt to a changing environment

## December 2024

Top 10 overweights	Active position (%)
Interactive Brokers Group	1.25
Doordash	1.14
Robinhood	1.13
Quanta Services	1.13
ITT	1.12
Hilton Worldwide	1.09
Take-Two Interactive	1.03
HubSpot	1.03
Natera	1.00
Flutter Entertainment	0.99
<b>Total</b>	<b>10.90</b>

*Top overweights are different compared to last year*



## December 2025

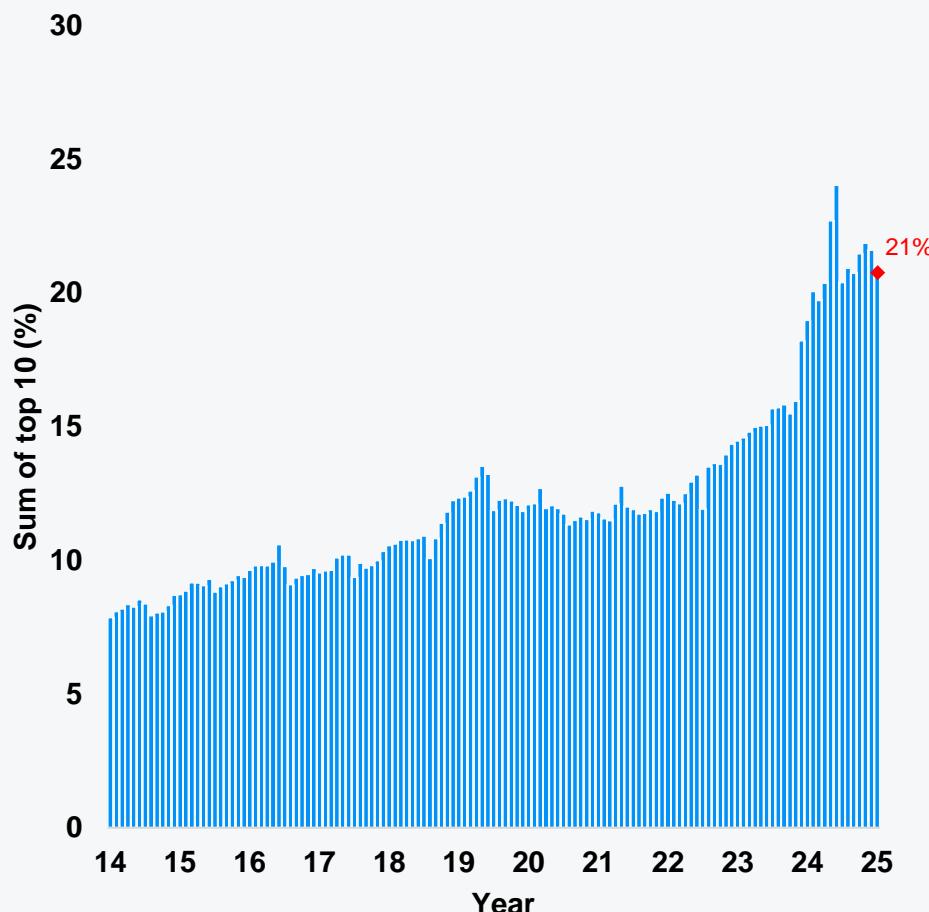
Top 10 overweights	Active position (%)
Williams	1.19
MongoDB	1.13
Insmed	1.07
CBRE	1.06
Ulta Beauty	1.04
Ciena	1.00
Teradyne	0.97
Take-Two Interactive	0.94
ITT	0.88
Raymond James	0.84
<b>Total</b>	<b>10.13</b>

The inclusion of the securities mentioned above is not to be interpreted as recommendations to buy or sell. The benchmark is the Russell Midcap Growth Index. For illustrative purposes only. Source: J.P. Morgan Asset Management (includes cash), Frank Russell Company. **Data shown above is for the representative account of the strategy.**

The strategy is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. **Past performance is not a guarantee of future results.**

# The Russell Mid Cap Growth has become increasingly concentrated

Aggregate weight of the top 10 benchmark stocks



Impact from top 10 contributors

Calendar Year	RMIDG Total Return	Total contribution from top 10 contributors	% from top 10
2025	8.66	9.93	115%
2024	28.15	14.08	50%
2023	25.87	6.36	24%
2022	-26.72	2.19	*
2021	12.73	5.26	41%
2020	35.59	9.33	26%
2019	35.47	6.1	17%
2018	-4.75	2.25	*
2017	25.27	4.59	18%
2016	7.33	2.67	37%
2015	-0.2	2.18	*
2014	11.9	3.32	28%
2013	35.74	4.31	12%
2012	15.81	3.24	20%
2011	-1.65	2.56	*
2010	26.38	4.63	18%

Source: Source: J.P. Morgan Asset Management, Frank Russell Company. The portfolio is an actively managed portfolio, holdings, sector weights, allocations and leverage, as applicable are subject to change at the discretion of the Investment Manager without notice. Past performance is no guarantee of future results.

# Our small/mid cap research team structure is a competitive advantage

*The Mid Cap Growth strategy benefits from a research team that covers the small and mid-cap universe, which can lead to earlier involvement and conviction in companies that are emerging into mid-caps*

Company	Sector	Initiation date	Elimination date	Initiation market cap (\$bn)	Elimination or current market cap (\$bn)
Paycom Software	Technology	Aug-17	Feb-20	4	17
Old Dominion Freight Line	Industrials	Nov-15	Mar-24	5	46
The Trade Desk	Technology	May-19	Nov-25	8	17
Enphase Energy	Energy	Feb-20	Feb-23	6	30
Heico	Industrials	Sep-16	*	4	39
Horizon Therapeutics	Healthcare	Apr-15 <sup>1</sup>	Feb-23	4	25
Insulet	Healthcare	Aug-14 <sup>1</sup>	Sep-23	2	12
Take-Two Interactive	Consumer	Oct-16	*	4	47

As of December 31, 2025. <sup>1</sup>Original initiation date shown \*Position still owned: December 2025 market cap shown. **Data shown above is for the representative account of the strategy.** Source: J.P. Morgan Asset Management, Factset, Wilshire (includes cash). The securities highlighted above have been selected based on their contribution over a trailing 10-year period for names that were owned within the J.P. Morgan Small Cap Growth Strategy and eventually initiated in the J.P. Morgan Mid Cap Growth Strategy. They are shown for illustrative purposes only. It should not be interpreted as a recommendation to buy or sell. The benchmark is the Russell Midcap Growth Index.

***Past performance is not indicative of future returns***

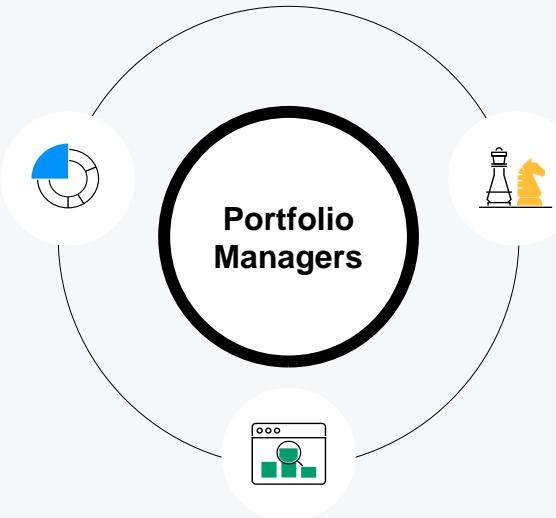
# Robust, multi-layered risk management supported by proprietary technology

## CIOs / Team Heads

- Set risk parameters for portfolios
- Monitor key risk exposures & implications of active positioning

## Investment Directors

- Provide portfolio management oversight, reporting to Asset Class Head
- Lead in depth quarterly investment strategy reviews with PMs



## Independent Risk

- Provides credible challenge to the business, reporting to independent AM Chief Risk Officer
- Presents a consolidated view of risks to senior management
- Independently monitors stress and liquidity profiles and manages Stressed Market Protocol to prepare AM processes for high volatility or market crises



**Spectrum** gives our investment teams a holistic view of portfolios and agility to act fast, especially during times of volatility

### Tailored solutions

- Customizable toolset to tailor investment strategies to specific client needs

### Analytical capabilities

- Advanced analytics to monitor exposure and impact in real time

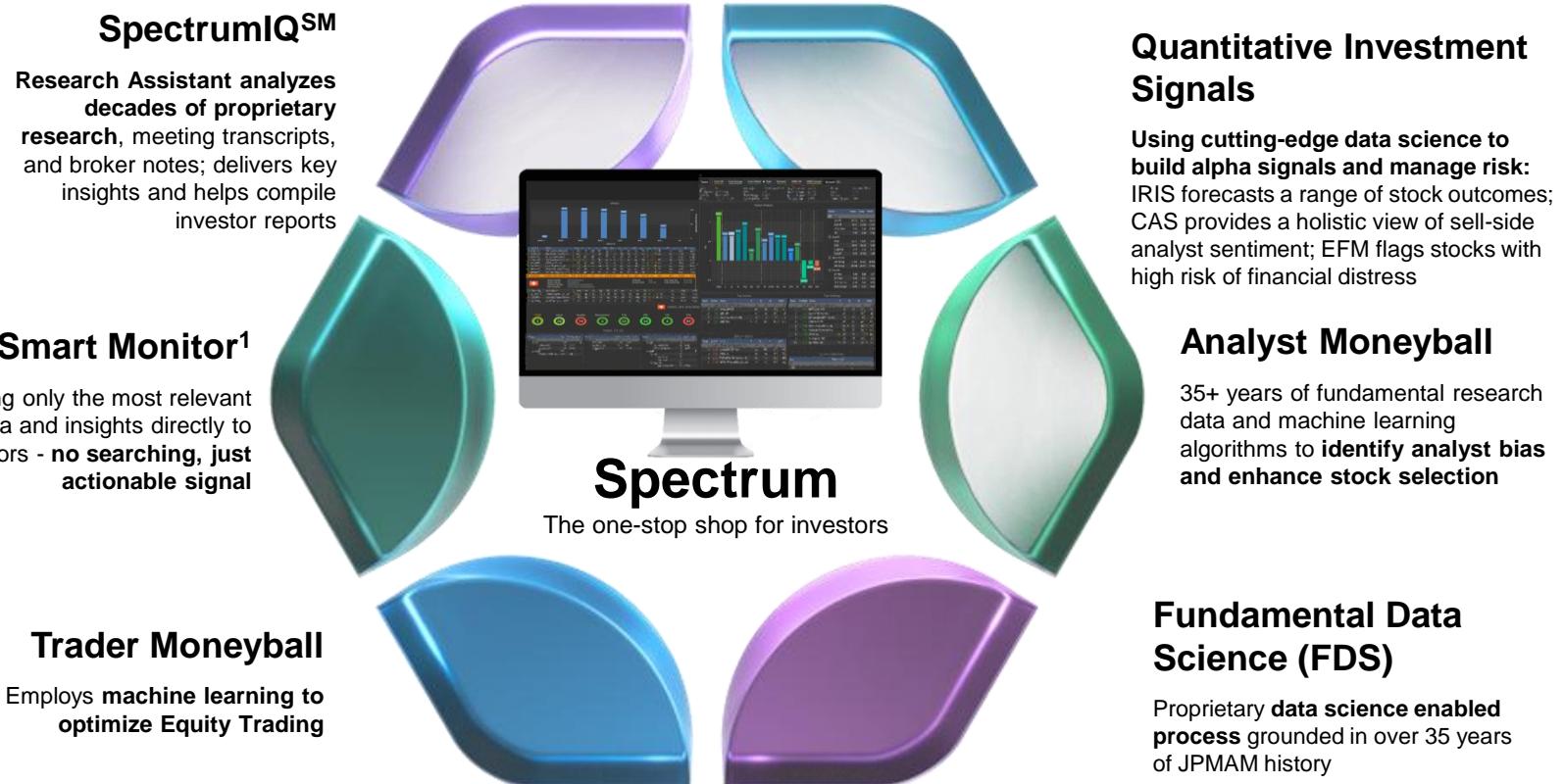
### Comprehensive risk management

Tools to evaluate and manage risk at the click of a button



As of August 31, 2025. Source: J.P. Morgan Asset Management. The charts above are shown for illustrative purpose only.

# Separating signal from noise: using AI to empower Global Equities



Source: J.P. Morgan Asset Management, as of December 31, 2025. <sup>1</sup>In pilot with select investors; PM Moneyball initiative underway and in development

IRIS is Integrated Research Insights model. CAS is Consensus Analyst Sentiment model. EFM is Equity Failure Model.

JPMAM utilizes Large Language Models (LLMs) internally in an effort to produce a greater level of operational scalability and efficiency across multiple lines of business. The LLMs are not relied on to make investment decision for the portfolio manager. The final investment decision is the responsibility of the portfolio manager. While the intent of LLMs is to provide accurate and comprehensive content to portfolio managers, LLM technology may occasionally generate inaccurate, incorrect, incomplete, misleading, or irrelevant information. As a result, LLM output is treated with the high level of caution and scrutiny by JPMAM.

# Portfolio managers are supported by teams of dedicated research analysts

## Core/Value Research

	<b>Robert Bowman</b> Managing Director Semis & Hardware Experience: 33/33		<b>Nitin Bhamhani</b> Managing Director Software and Services Experience: 32/29		<b>Eric Li Cheung</b> Executive Director Software and Services Experience: 21/4		<b>Ryan Jones</b> Executive Director Technology Experience: 20/10		<b>Joanna Shatney</b> Managing Director Industrial Cyclicals Experience: 30/11		<b>Andrew Brill</b> Executive Director Industrial Cyclicals Experience: 23/9		<b>Jeremy Miller</b> Executive Director Industrials Experience: 25/10
	<b>Teresa Kim</b> Managing Director Utilities Experience: 27/4		<b>David Maccarrone</b> Managing Director Commodities Experience: 31/16		<b>Aga Zmigrodzka</b> Executive Director Commodities Experience: 16/5		<b>Greg Fowlkes</b> Managing Director Retail Experience: 26/20		<b>Lisa S. Sadioglu</b> Managing Director Consumer Cyclicals Experience: 25/25		<b>John Piccard</b> Executive Director Industrials & Tech Experience: 33/18		<b>Lerone Vincent</b> Managing Director Consumer Experience: 28/28
	<b>Bartjan van Hulten</b> Managing Director Pharma / Biotech Experience: 30/7		<b>Laura Huang</b> Executive Director Financials Experience: 20/20		<b>Larry Unrein</b> Vice President Healthcare Experience: 16/16		<b>Tony Lee</b> Executive Director Healthcare Experience: 14/14		<b>Misha Lozovik</b> Executive Director Health Svcs & Medtech Experience: 29/3		<b>Ryan Vineyard</b> Managing Director Telecom & Cable Experience: 21/14		<b>Kris Erickson</b> Managing Director Media Experience: 25/13
	<b>Steven Wharton</b> Managing Director Banks & Capital Markets Experience: 30/20		<b>AJ Grewal</b> Executive Director Financial Services Experience: 26/7		<b>David Chan</b> Executive Director Payments / Business Services Experience: 18/8		<b>Jason Ko</b> Executive Director REITs Experience: 24/24		<b>Nick Turchetta</b> Executive Director REITs Experience: 15/6		<b>Brent Gdula</b> Executive Director Insurance Experience: 17/17		<b>Jim Brown</b> Managing Director Materials Experience: 41/38
	<b>Michael Yuan</b> Vice President Generalist Experience: 9/9		<b>Jonathan Brachle</b> Managing Director Generalist Experience: 18/18		<b>Graham Spence</b> Executive Director Generalist Experience: 24/12		<b>Chris Carter</b> Executive Director Generalist Experience: 20/11		<b>Jesse Huang</b> Vice President Generalist Experience: 10/10		<b>Amod Gautam</b> Executive Director Consumer & Healthcare Experience: 18/18		<b>Michelle Kenel</b> Vice President Energy/Utilities Experience: 13/2
	<b>Astrid Strangmark</b> Vice President Consumer Experience: 6/1		<b>Robert Milani</b> Vice President Real Estate Experience: 9/9		<b>Sagar Rastogi</b> Executive Director Software and Svcs Experience: 18/8		<b>Val Perfanov</b> Executive Director Technology/Communication Experience: 18/15						

## Growth Research

### Large Cap Growth

	<b>Larry Lee</b> Managing Director Financials / Business Services Experience: 33/20		<b>Joe Wilson</b> Managing Director Technology Experience: 21/11		<b>Holly Morris</b> Managing Director Healthcare Experience: 21/14		<b>Michael Stein</b> Managing Director Industrials / Energy Experience: 18/12		<b>Eric Ghernati</b> Executive Director Technology Experience: 26/6		<b>Chris Kuehnle</b> Executive Director Healthcare Experience: 14/2		<b>Zach Venditto</b> Executive Director Financials/ Business Services Experience: 14/14
	<b>Robert Maloney</b> Executive Director Industrials / Energy Experience: 26/13		<b>Janet King</b> Executive Director Consumer Experience: 24/3		<b>Jason Yum</b> Executive Director Technology Experience: 16/4		<b>Greg Madsen</b> Executive Director Consumer Experience: 14/14		<b>Artem Savchenko</b> Executive Director Healthcare Experience: 15/4		<b>Sam Yellen</b> Vice President Industrials Experience: 11/5		
					<b>Katy Ansel</b> Vice President Generalist Experience: 8/6		<b>Abbie Zvejnieks</b> Vice President Consumer Experience: 7/2		<b>Drew Chamberlain</b> Associate Industrials Experience: 5/5				

As of December 2025. Years of experience: Industry/Firm.

# Team biographies



**Felise Agranoff**  
Managing Director

Felise Agranoff, managing director, is a portfolio manager within the U.S. Equity Group. An employee since 2004, Felise is a portfolio manager for the J.P. Morgan Growth Advantage, Mid Cap Growth, Equity Focus and Mid Cap Equity Strategies. As a research analyst for the growth team Felise covered industrials, financials and business services. Felise obtained a B.S. in Finance and Accounting from the McIntire School of Commerce at the University of Virginia. She is a member of the CFA Institute and a CFA charterholder.



**Michael Stein**  
Managing Director

Michael Stein, managing director, is a portfolio manager within the U.S. Equity Group. An employee since 2014, Michael leads industrials & energy sector coverage for the J.P. Morgan Mid Cap Growth and Small Cap Growth Strategies and is a co-portfolio manager for the Small Cap Growth, Mid Cap Growth, and Mid Cap Equity Strategies. Prior to joining the firm, he worked at Barclays and Morgan Stanley, covering electrical equipment and industrial conglomerates. He obtained a B.S. in Finance from the Wharton School, a B.S.E. in Mechanical Engineering from the University of Pennsylvania School of Engineering and Applied Sciences. He is a member of the CFA Institute and a CFA charterholder.



**Eric Ghernati**  
Executive Director

Eric Ghernati, executive director, is a portfolio manager and research analyst within the U.S. Equity Group. An employee since 2020, Eric is responsible for the technology sector for the J.P. Morgan Mid Cap Growth and Small Cap Growth Strategies and is co-portfolio manager of the J.P. Morgan U.S. Technology and Equity Focus Strategies. Prior to joining the firm, Eric spent six years as a buy side analyst for Lord, Abbett & Co., where he covered the technology sector for the growth, value and core strategies. Prior to that, Eric worked at Bank of America Merrill Lynch for fifteen years as a sell side research analyst covering a variety of industries within the technology sector. Eric holds a B.S. in Finance from San Francisco State University.



**Samantha Yellen**  
Vice President

Samantha Yellen, vice president, is a research analyst within the U.S. Equity Group. An employee since 2021, Sam supports the industrials research effort on the J.P. Morgan Mid/Small Cap Growth team. Prior to joining the firm, Sam spent 4 years at Credit Suisse as an equity research associate with a focus on railroad and trucking companies. Prior to that, Sam worked at UBS as an equity research associate. Sam obtained a B.A. in chemistry and chemical biology from Cornell University.



**Artem Savchenko**  
Executive Director

Artem Savchenko, executive director, is a research analyst within the U.S. Equity Group. An employee since 2022, Artem covers healthcare for the J.P. Morgan Mid Cap Growth and Small Cap Growth Strategies. Prior to joining the firm, Artem spent 4 years at Fred Alger Management where he covered healthcare with a focus on medical devices and life science tools. Prior to that, Artem worked at BlackRock for 7 years covering healthcare, energy and business services. Artem obtained a B.S. in Economics from Drexel University. He is a member of the CFA Institute and a CFA charterholder.



**Greg Madsen**  
Executive Director

Greg Madsen, executive director, is a member of the U.S. Equity Group. An employee since 2012, Greg is a consumer research analyst for the J.P. Morgan Mid Cap Growth and Small Cap Growth Strategies. Prior to his current role, Greg has held a variety of roles on the U.S. Equity Growth Team, including research assistant. Greg holds a B.B.A. in Finance, Investment and Banking from the University of Wisconsin. He is a member of the CFA Institute and a CFA charterholder.



**Zachary Venditto**  
Executive Director

Zachary Venditto, executive director, is a member of the U.S. Equity Group. An employee of the firm since 2012, Zach is a financials and business services research analyst for the J.P. Morgan Mid Cap Growth and Small Cap Growth Strategies. Prior to his role on the U.S. Equity Growth team, Zach worked as a research associate for the Core Equity Research Team, covering banks and financial services. Zach holds a B.B.A. in Finance from Fordham University. He is a member of the CFA Institute and a CFA charterholder.



**Chris Kuehnle**  
Executive Director

Chris Kuehnle, executive director, is a research analyst within the U.S. Equity Group. An employee since 2024, Chris covers healthcare for the J.P. Morgan Mid Cap Growth and Small Cap Growth Strategies. Prior to joining the firm, Chris spent 10 years covering healthcare as a portfolio manager at Balyasny Asset Management and an analyst at Holocene Advisors and Citadel. Prior to that, Chris worked at Leerink Partners where he covered specialty pharmaceuticals and generics. Chris received an M.B.A. from Cornell University's Johnson School, a J.D. from New York Law School, and a B.A. from Bard College. He is a member of the CFA Institute and a CFA charterholder.

# Team biographies

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## Abbie Zvejnieks

Vice President

Abbie Zvejnieks is a vice president and research analyst in the U.S. Equity Group. She joined J.P. Morgan in 2024 to support consumer research for the Mid/Small Cap Growth team. Prior to joining the firm, Abbie spent five years covering retail and softlines on the sell side, beginning as a research associate at KeyBanc Capital Markets and later serving as a lead analyst at Piper Sandler. She holds a B.S. in Finance from Wake Forest University.



## James Connors

Managing Director

James Connors, managing director, is the North America head of the U.S. Equity Investment Specialist team within the U.S. Equity Group. An employee since 2005, James is the head of the team that is responsible for communicating investment performance, outlook and strategy positioning to clients on behalf of U.S. Equity portfolio management teams. Additionally, James leads the team that has a specific focus on U.S. Equity Growth Strategies. Prior to his current role, James has been a Growth investment specialist since 2010 and previously worked on the firm's Large Cap Core Strategies. James has a B.S. in Finance from Eastern Illinois University and holds the Series 7, 24 and 63 licenses. He is a member of the CFA Institute and is a CFA charterholder.



## Nick Cangialosi

Executive Director

Nick Cangialosi, executive director, is an Investment Specialist within the U.S. Equity Group. An employee since 2011, Nick is responsible for communicating investment performance, outlook and strategy for the firm's U.S. Equity Growth Strategies. Prior to joining the firm, Nick was as a P&L controller in Morgan Stanley's fixed income business. Nick has a B.S. in business administration from the State University of New York College at Geneseo and holds the Series 7 and 63 licenses. He is a member of the CFA Institute and is a CFA charterholder.



## Doug Stewart

Executive Director

Douglas Stewart, executive director, is an Investment Specialist within the U.S. Equity Group. An employee since 2011, Doug is responsible for communicating investment performance, outlook and strategy for the firm's U.S. Equity Growth Strategies. He previously worked as a member of J.P. Morgan's Investment Manager Research Team, with a primary focus on international equity strategies. Doug obtained a B.S. in business management and finance from the Howe School of Business at the Stevens Institute of Technology. He holds Series 7 and 63 licenses. He also is a member of the New York Society of Securities Analysts and is a CFA charterholder.



## Scott Shladovsky

Executive Director

Scott Shladovsky, executive director, is an investment specialist within the U.S. Equity Group. An employee since 2012, Scott is responsible for communicating investment performance, outlook and strategy for the firm's U.S. Equity Growth Strategies. Prior to his current role, Scott worked on the U.S. Growth portfolio management team as head of implementation. He also worked in J.P. Morgan's Private Bank as part of an integrated advisor team for high net worth individuals and families. Scott has a B.S. in Finance from Indiana University and holds the Series 7 and 63 licenses. He is a CFA charterholder and member of the CFA Institute.



## Steve Lewis

Vice President

Steve Lewis, vice president, is an investment specialist within the U.S. Equity Group. An employee since 2016, Steve is responsible for communicating investment performance, outlook and strategy for the firm's U.S. Equity Growth Strategies. Steve has a B.A. in Economics from Union College and holds the Series 7 and 63 licenses.

# GIPS® Report: Mid Cap Growth Managed Account Composite

As of December 31, 2024

Year	Composite Gross Return or "Pure" Gross of Fees		Composite Net of Fees		Benchmark Returns (%)	Number of Accounts	Managed Account Portfolios (%)	Internal Dispersion	Composite 3Yrs Annualized Std Dev (%)		Benchmark 3Yrs Annualized Std Dev (%)	
	Return (%)**	Return (%)	Return (%)	Accounts	Portfolios (%)	Std Dev (%)	Std Dev (%)	Assets (Millions)	Firm Assets (Billions)			
2024	15.13	11.67	22.10	<6	100	n/a	20.86	22.15	1.05	2,650		
2023	24.64	20.90	25.87	<6	100	n/a	19.95	21.06	0.68	2,141		
2022	-26.24	-28.45	-26.72	<6	100	n/a	23.83	24.53	0.43	1,693		
2021	11.79	8.44	12.73	8	0	0.14	19.76	20.19	16817.40	1,973		
2020	49.38	44.89	35.59	8	0	0.28	21.36	21.45	14176.87	1,761		
2019	40.53	36.31	35.47	7	0	n/a	14.30	13.88	8953.70	1,427		
2018	-3.51	-6.41	-4.75	<6	100	n/a	14.31	12.82	0.24	1,174		
2017	30.64	26.72	25.27	<6	0	n/a	12.65	10.89	7489.47	1,165		
2016	1.18	-1.85	7.33	<6	0	n/a	14.30	12.18	5912.66	1,068		
2015	3.82	0.70	-0.20	<6	0	n/a	12.61	11.31	6794.47	834		

\*\* Please see Fee Schedule below for more information. "Pure" Gross-of-fees returns are supplemental information to Net Returns

**Firm Definition:** For the purpose of GIPS® compliance, the Firm is defined as J.P. Morgan Investment Management Inc. (JPMIM) consisting of the assets of clients invested in U.S. managed products. The Firm also includes Separately Managed Accounts over which JPMIM has full and sole discretion. JPMIM is marketed under J.P. Morgan Asset Management.

**Internal Dispersion:** Internal dispersion measures the spread of annual returns of individual portfolios within a composite. It is calculated using the asset-weighted standard deviation of the gross returns of portfolios that were included in the composite for the full year. Internal dispersion is not shown for calendar years with five or fewer portfolios in the composite for the full year.

**Standard Deviation:** The three year annualized standard deviation measures the variability of the composite and benchmark returns over the preceding 36 month period. Standard deviation measures are not shown where there are less than 36 monthly observations available. Gross returns were used to calculate the three year annualized ex post standard deviation of the composite.

**Composite Listing:** A list of composite descriptions, pooled fund descriptions for limited distribution pooled funds, a list of broad distribution pooled funds, policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request.

**Past and Future Performance:** Past performance is no guarantee of future results. As with any investment vehicle, there is always the potential for gains as well as the possibility of losses.

**Composite Description:** The composite includes all discretionary separately managed accounts invested according to JPMIM's Mid Cap Growth strategy. This strategy invests primarily in common stocks of mid cap companies which the investment manager believes are capable of achieving sustained growth. Mid cap companies are companies with market capitalizations similar to those within the universe of the Russell Midcap® Growth Index at the time of purchase. The inception date is December 01, 2001.

**Fee Schedule:** For periods from January 01, 2014 to May 31, 2014, from June 01, 2018 to March 31, 2019, and from October 1, 2022 and going forward, "pure" gross returns are gross of transaction costs. The performance results reflect the reinvestment of income and are net of withholding taxes where applicable and do not reflect the deduction of any transaction costs. For periods from June 01, 2014 to May 31, 2018 and from April 01, 2019 to September 30, 2022, "pure" gross returns are net of transaction costs. The performance results reflect the reinvestment of income and are net of withholding taxes where applicable and reflects the deduction of any transaction costs. Gross returns do not reflect the deduction of management fees or any other expenses that may be incurred in the management of the account. Model net returns are calculated by subtracting 1/12th of the assumed maximum model fee from the gross composite return on a monthly basis. Model net returns reflect the deduction of an assumed maximum annual managed account fee of 3.0% from the gross return on a monthly basis. Fees are based on the market value of all assets in an account and cover investment management, custodial fees, administrative services, transaction costs and other expenses. Actual fees may vary from sponsor to sponsor. Actual fees charged may vary by account due to various conditions described in Part II A of Form ADV. Prior to 2018, the fee was deducted quarterly.

**Compliance Statement:** J.P. Morgan Investment Management Inc. claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. J.P. Morgan Investment Management Inc. has been independently verified for the periods 2001-2023. The verification reports are available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report.

**Benchmark Description:** The benchmark is the Russell Mid Cap® Growth Index. The index returns are provided to represent the investment environment existing during the time periods shown and are not covered by the report of independent verifiers. For comparison purposes the index is fully invested, which includes the reinvestment of income. The returns for the index do not include any transaction costs, management fees or other costs except for ICE indices which include transaction costs as of January 2, 2024.

**Creation Date:** The composite creation date is December 27, 2019. From January 01, 2014 to May 31, 2014, and from June 01, 2018 to March 31, 2019 only eligible separately managed account portfolios are included in the composite results. For periods from June 01, 2014 to May 31, 2018 and from April 01, 2019 to September 30, 2022, the Mid Cap Growth Managed Accounts Composite calculations have been linked to the actual historical performance from the Firm's institutional Mid Cap Growth Composite. From October 1, 2022, only eligible separately managed account portfolios are included in the composite results.

**GIPS® Trademark:** GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.

# Glossary of Investment Terms

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**Active Share** - a measure of the percentage of stock holdings in a manager's portfolio that differs from the benchmark index.

**Alpha** - The amount of return expected from an investment from its inherent value.

**Information ratio (IR)** – A ratio of portfolio returns above the returns of a benchmark to the volatility of those returns.

**Bottom-up investing** - an investment approach that focuses on the analysis of individual stocks and de-emphasizes the significance of macroeconomic cycles and market cycles.

**Barra Risk Factor Analysis** – A multi-factor model, created by Barra Inc., used to measure the overall risk associated with a security relative to market performance. The model incorporates >40 data metrics and measures risk factors via three main components: industry risk, company-specific risk and risks from exposure to investment themes.

**Beta** - A measurement of volatility where 1 is neutral; above 1 is more volatile; and less than 1 is less volatile.

**Down-Market Capture** - a statistical measure of an investment manager's overall performance in down-markets.

**Earnings Per Share (EPS)** - The portion of a company's profit allocated to each outstanding share of common stock. EPS serves as an indicator of a company's profitability.

**Excess Return (ER)** – portfolio returns achieved above and beyond the return of its benchmark.

**Free cash flow yield** - a financial solvency ratio that compares the free cash flow per share a company is expected to earn against its market value per share. The ratio is calculated by taking the free cash flow per share divided by the current share price.

**Fundamental analysis** - attempts to measure a security's intrinsic value by examining related economic and financial factors including the balance sheet, strategic initiatives, microeconomic indicators, and consumer behavior.

**Growth investing** - Investment strategy that focuses on stocks of companies and stock funds where earnings are growing rapidly and are expected to continue growing.

**Large-cap** - The market capitalization of the stocks of companies with market values greater than \$10 billion.

**Mid-cap** - The market capitalization of the stocks of companies with market values between \$3 to \$10 billion.

**Performance attribution** - a set of techniques that performance analysts use to explain why a portfolio's performance differed from the benchmark.

**Price/Earnings (P/E) 12-month forward** - price of a stock divided by its projected earnings for the coming year.

**Small-cap** - The market capitalization of the stocks of companies with market values less than \$3 billion.

**Tracking Error (TE)** - The active risk of the portfolio. It determines the annualized standard deviation of the excess returns between the portfolio and the

benchmark.

**Turnover Ratio** - Percentage of holdings in a mutual fund that are sold in a specified period.

**Up-Market Capture** – a statistical measure of an investment manager's overall performance in up-markets.

**Valuation** - An estimate of the value or worth of a company; the price investors assign to an individual stock.

**Value investing** - A strategy whereby investors purchase equity securities that they believe are selling below estimated true value. The investor can profit by buying these securities then selling them once they appreciate to their real value.

**Weighted Average Market Capitalization** - Most indexes are constructed by weighting the market capitalization of each stock on the index. In such an index, larger companies account for a greater portion of the index. An example is the S&P 500 Index.

# J.P. Morgan Asset Management

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**Equity Risks:** Small- and mid-capitalization portfolios typically carry more risk than stock funds investing in well-established “blue-chip” companies because smaller companies generally have a higher risk of failure. Historically, smaller companies’ stock has experienced a greater degree of market volatility than the average stock.

The strategy is subject to management risk and may not achieve its objective if the adviser’s expectations regarding particular securities or markets are not met. The price of equity securities may rise or fall because of changes in the broad market or changes in a company’s financial condition, sometimes rapidly or unpredictably. These price movements may result from factors affecting individual companies, sectors or industries selected for a portfolio or the securities market as a whole, such as changes in economic or political conditions. When the value of a portfolio’s securities goes down, your investment will decrease in value. The manager may use derivatives in connection with its investment strategies. Derivatives may be riskier than other types of investments because they may be more sensitive to changes in economic or market conditions than other types of investments and could result in losses that significantly exceed the strategy’s original investments. Certain derivatives may give rise to a form of leverage. As a result, the strategy may be more volatile than if the strategy had not been leveraged because the leverage tends to exaggerate the effect of any increase or decrease in the value of the portfolio’s securities. Derivatives are also subject to the risk that changes in the value of a derivative may not correlate perfectly with the underlying asset, rate or index. The use of derivatives for hedging or risk management purposes or to increase income or gain may not be successful, resulting in losses to a portfolio, and the cost of such strategies may reduce a portfolio’s returns. Derivatives would also expose a portfolio to the credit risk of the derivative counterparty.

**ESG Integration:** In actively managed assets deemed by J.P. Morgan Asset Management (“JPMAM”) to be ESG integrated under our governance process, we systematically assess financially material ESG factors (alongside other relevant factors)

in our investment decisions with the goals of managing risk and improving long-term returns. Environmental issues are defined as issues related to the quality and function of the natural environment and natural systems. Some examples include greenhouse gas emissions, climate change resilience, pollution (air, water, noise, and light), biodiversity/habitat protection and waste management. Social issues are defined as issues related to the rights, wellbeing and interests of people and communities. Some examples include workplace safety, cybersecurity and data privacy, human rights, local stakeholder relationships, and discrimination prevention. Governance issues are issues related to the way companies are managed and overseen. Some examples include independence of chair/board, fiduciary duty, board diversity, executive compensation and bribery and corruption. These examples of ESG issues are provided for illustrative purposes and are not exhaustive. In addition, as JPMAM’s approach to ESG integration focuses on financial materiality, not all factors are relevant to a particular investment, asset class, or Fund

ESG integration does not change a strategy’s investment objective, exclude specific types of companies or constrain a strategy’s investable universe. ESG integration is dependent upon the availability of sufficient ESG information relevant to the applicable investment universe. ESG factors may not be considered for each and every investment decision. In order for a [strategy][fund] to be considered ESG integrated, JPMAM requires: (1) portfolio management teams to consider proprietary research on the financial materiality of ESG issues on the [Fund’s investments]; (2) documentation of the Adviser’s internal research views and methodology throughout the investment process; and (3) appropriate monitoring of ESG considerations in ongoing risk management and portfolio monitoring. ESG determinations may not be conclusive and securities of companies/issuers may be purchased and retained, without limit, by the Adviser regardless of potential ESG impact. The impact of ESG integration on a Fund’s performance is not specifically measurable as investment decisions are discretionary regardless of ESG considerations.

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The Russell Midcap Growth Index is an unmanaged, capitalization weighted, price only index that measures the performance of those companies included in the Russell Midcap Index that have higher price to book and higher growth rates. The Russell Midcap Growth Index is a market-cap-weighted index of widely held stocks that are used as a representation of the mid cap market. The returns are total returns and include the reinvestment of dividends. An individual cannot invest directly in an index.

# J.P. Morgan Asset Management

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