

Our equity funds added value versus comparable passive funds

Q4 2023

Our research shows that over the past 20 years, T. Rowe Price's equity funds have consistently outperformed comparable passive funds over various time frames—even after fees and expenses are taken into account. This relative strength was especially notable over longer rolling periods.

Our equity fund results were driven by our broad and deep U.S. and global research capabilities. This expertise has enabled our funds to deliver strong performance versus comparable passive funds across U.S., international, and sector equity categories.

1.05%

is the average annualized excess returns (net of fees) posted by our equity funds across rolling 10-year periods.

Our equity funds consistently outperformed comparable passive funds*

(Fig. 1) 10-year periods, rolled monthly, from January 1, 2004, to December 31, 2023



Frequency of Better Returns

Percentage of periods with better returns than passive peer funds

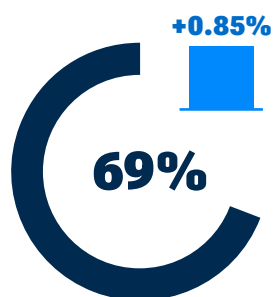


Amount of Better Returns

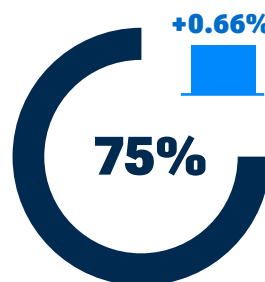
Average additional return over passive peer funds across all periods analyzed



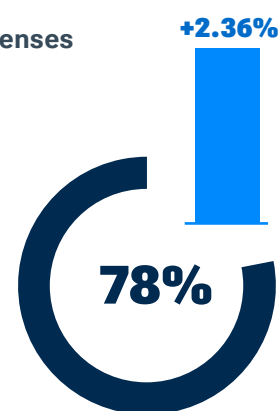
Results Shown After Fees and Expenses



U.S. Equity†



International Equity‡



Sector Equity§

View standardized returns and other information about the funds in this analysis starting on page 3. For more information on the methodology of this analysis, please visit troweprice.com/complete-performance-study. Past performance is no guarantee of future results.

Sources: T. Rowe Price and Morningstar (see Additional Disclosure).

* Analysis by T. Rowe Price. Comparable passive funds are (1) mutual funds and exchange-traded funds (ETFs) classified as "index fund" in the Morningstar Direct database and (2) in the same Morningstar category as the T. Rowe Price active funds being analyzed. The performance of the T. Rowe Price active funds was compared against the comparable passive funds using 10-year rolling monthly periods from January 1, 2004, to December 31, 2023. The analysis was conducted at the Morningstar category level, analyzing all open-end funds and ETFs within U.S. Morningstar categories where passive funds are present. The oldest share class returns are used for analysis.

† 24 funds covering 2,708 rolling 10-year periods.

‡ 19 funds covering 1,690 rolling 10-year periods

§ 9 funds covering 913 rolling 10-year periods.

Our equity funds added value versus comparable passive funds

Figure 1 shows that, in keeping with our focus on the long term, T. Rowe Price equity funds outperformed their relevant passive returns average over 10-year periods, rolled monthly. The active success rate exhibited by our equity funds highlights the frequency with which our funds generated better returns over this rolling time frame. (See sidebar.)

73% active success rate

Our equity funds outperformed in 3,863 of the 5,311 rolling 10-year periods analyzed.

This relative strength extended to shorter rolling periods as well.¹ Our equity funds generated higher average annualized returns, after fees and expenses, compared with their passive returns averages over the one-, three-, and five-year time frames that we examined. The frequency of these higher returns also stood out, with our equity funds achieving active success rates of at least 55% across these rolling periods.

Relative strength across our U.S., international, and sector funds

T. Rowe Price U.S., international, and sector equity funds posted positive average annualized excess returns (see sidebar) for the longest time frames in our study and generated better returns in 69% or more of these rolling 10-year periods. Across each sub-asset class, our funds outperformed for the one-, three-, and five-year time frames and did so in a majority of the rolling periods therein.¹



Results Shown After Fees and Expenses

To provide a clear picture of our performance, we take fund fees and expenses into account when we report returns.



Active success rates

The active success rate records the percentage of rolling periods in which an actively managed T. Rowe Price fund's returns beat its relevant passive returns average, net of fees and expenses, over a specified rolling time frame (say, 10 years). Think of this as the frequency of better returns.



Excess returns

For each rolling period, the passive returns average was subtracted from each T. Rowe Price fund's return, yielding an excess return. All returns are net of fees and expenses.

The T. Rowe Price difference

We're deeply committed to seeing clients achieve their long-term goals, aiming for better returns over many market cycles.

We've managed investments through all kinds of markets, and our professionals average 23 years in the industry and 17 years with T. Rowe Price.² We know that identifying risks is as important to identifying opportunities.

More than 525 of our investment professionals³ go out in the field to uncover opportunities. They study them firsthand. And use those insights to help give our clients an investment edge.

The T. Rowe Price active management approach has made a difference for clients, especially over longer time horizons. Even after fees and expenses, our equity funds delivered more return, more often, than comparable passive funds.

¹ The study spanned the 20 years up to the end of December 2023 for older, actively managed T. Rowe Price funds, or since inception for newer ones, and measured performance net of fees and expenses. We used the oldest share class for each fund. Each T. Rowe Price fund's performance was measured against the equally weighted average of the returns posted by the oldest share class of the index funds in its Morningstar category (passive returns average). Fund performance was measured against the relevant passive returns average over 1-, 3-, 5-, and 10-year horizons, rolled monthly.

² As of December 31, 2023.

³ As of December 31, 2023. Investment staff includes 138 portfolio managers, 26 associate portfolio managers, 196 investment analysts, 60 associate analysts, 42 specialty analysts, 35 traders, 13 strategists, and 21 senior managers.

Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.

Past performance is no guarantee of future results. All investments are subject to risk, including the possible loss of principal. Results from other time periods may differ. Active investing may have higher costs than passive investing and may underperform the broad market or comparable passive funds with similar objectives. Passive investing may lag the performance of actively managed peers as holdings are not reallocated based on changes in market conditions or outlooks on specific securities.

Standardized Performance: T. Rowe Price Equity Mutual Funds

Annualized total returns for periods ended December 31, 2023

Fund	Inception Date	Gross Expense Ratio ¹	1 Year	3 Years	5 Years	10 Years	20 Years or Since Inception
U.S. Equity							
All-Cap Opportunities Fund	9/30/1985	0.81%	29.03%	7.05%	19.11%	14.71%	11.94%
Blue Chip Growth Fund	6/30/1993	0.71	49.36 [†]	2.58	13.58	12.44	10.61
Diversified Mid-Cap Growth Fund	12/31/2003	0.87	20.78	1.17	13.48	10.77	10.04
Dividend Growth Fund	12/30/1992	0.64	13.65	8.74	13.93	11.27	9.55
Equity Income Fund	10/31/1985	0.67	9.65	10.05	11.32	7.98	7.77
Growth Stock Fund	4/11/1950	0.67	45.27 [†]	1.44	13.33	11.71	10.29
Institutional Large-Cap Core Growth Fund	9/30/2003	0.56	49.60 [†]	2.78	13.73	12.57	10.45
Institutional Mid-Cap Equity Growth Fund	7/31/1996	0.61	20.62	2.30	12.03	10.96	11.37
Institutional Small-Cap Stock Fund	3/31/2000	0.66	17.55	1.73	12.01	9.35	10.40
Integrated U.S. Large-Cap Value Equity Fund	2/26/2016	1.51	11.68	11.60	11.64	—	10.62
Integrated U.S. Small-Cap Growth	6/30/1997	0.80	21.16	1.52	11.46	9.01	9.80
Integrated U.S. Small-Mid Cap Core Equity Fund	2/26/2016	1.02	21.61	8.80	13.37	—	11.96
Large-Cap Growth Fund—I Class ²	10/31/2001	0.55	46.21 [†]	5.29	15.92	13.99	11.64
Large-Cap Value Fund—I Class ³	3/31/2000	0.56	9.69	9.54	11.40	8.73	8.38
Mid-Cap Growth Fund	6/30/1992	0.77	20.11	2.30	11.82	10.61	11.03
Mid-Cap Value Fund	6/28/1996	0.83	18.75	12.30	13.23	9.45	9.80
New Horizons Fund	6/3/1960	0.79	21.35	-5.70	12.74	11.53	12.10
Small-Cap Stock Fund	6/1/1956*	0.91	17.43	1.72	11.96	9.18	10.07
Small-Cap Value Fund	6/30/1988	0.82	12.22	4.69	10.19	7.21	9.01
Spectrum Diversified Equity Fund	6/29/1990	0.73	20.88	5.79	12.23	8.90	8.67
Tax-Efficient Equity Fund	12/29/2000	0.85	36.98	5.18	16.46	12.64	10.42
U.S. Equity Research Fund	11/30/1994	0.45	29.80	10.49	16.44	12.39	9.93
U.S. Large-Cap Core Fund	6/26/2009	0.70	22.60	9.33	14.36	11.48	13.58
Value Fund	9/30/1994	0.72	12.12	8.88	12.48	9.13	8.86
International Equity							
Africa & Middle East Fund	9/4/2007	1.58	11.76	11.06	7.21	4.08	2.94
Asia Opportunities Fund	5/21/2014	1.33	-0.88	-8.85	3.71	—	5.34

Performance data quoted represents past performance and does not guarantee future results. Investment return and principal value will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted. To obtain the most recent month-end performance, visit [troweprice.com](https://www.troweprice.com).

Standardized Performance: T. Rowe Price Equity Mutual Funds (cont.)

Annualized total returns for periods ended December 31, 2023

Fund	Inception Date	Gross Expense Ratio ¹	1 Year	3 Years	5 Years	10 Years	20 Years or Since Inception
China Evolution Equity Fund	12/10/2019	1.94%	-15.81%	-13.14%	—	—	2.54%
Emerging Europe Fund	8/31/2000	2.67	62.43 [†]	-32.78	-18.27%	-12.53%	-2.60
Emerging Markets Discovery Stock Fund	9/14/2015	1.28	11.06	-0.71	4.06	—	6.09
Emerging Markets Stock Fund	3/31/1995	1.15	2.06	-11.19	0.83	2.28	6.24
European Stock Fund	2/28/1990	1.03	19.01	2.26	8.83	3.57	6.35
Global Growth Stock Fund	10/27/2008	0.91	19.19	-2.37	11.91	9.45	13.38
Global Impact Equity Fund	3/15/2021	2.78	16.29	—	—	—	-0.44
Global Stock Fund	12/29/1995	0.82	25.70	-0.15	15.31	12.10	9.96
Global Value Equity Fund—I Class ⁴	7/26/2012	1.77	13.25	6.60	11.12	7.38	10.07
Institutional Emerging Markets Equity Fund	10/31/2002	1.00	2.22	-11.20	0.88	2.38	6.29
Institutional International Disciplined Equity Fund	7/27/2010	0.78	17.20	2.30	7.38	4.61	6.99
Integrated Global Equity Fund	4/15/2016	2.19	23.68	7.06	12.56	—	10.28
International Disciplined Equity Fund	8/22/2014	0.97	16.90	3.20	7.09	—	4.20
International Discovery Fund	12/30/1988	1.23	13.14	-5.40	7.91	6.37	8.92
International Stock Fund	5/9/1980	0.84	16.41	-0.15	7.85	4.94	5.86
International Value Equity Fund	12/21/1998	0.89	19.15	7.15	8.61	3.26	5.41
Japan Fund	12/30/1991	1.02	2.02	-12.96	2.34	4.34	4.30
Latin America Fund	12/29/1993	1.46	34.67	4.67	5.22	2.43	8.32
New Asia Fund	9/28/1990	0.99	0.80	-9.28	4.16	4.19	8.66
Overseas Stock Fund	12/29/2006	0.80	16.31	3.36	8.19	4.36	3.54
Real Assets Fund	7/28/2010	0.93	6.60	6.35	9.00	4.66	4.60
Spectrum International Equity Fund	12/31/1996	0.89	13.83	-0.68	6.89	3.90	5.95
Sector Equity							
Communications & Technology Fund	10/13/1993	0.82	39.28	-3.18	13.31	11.83	14.15
Financial Services Fund	9/30/1996	0.97	14.96	12.15	14.05	10.13	7.55
Global Consumer Fund	6/27/2016	1.37	19.53	-1.83	9.22	—	7.86
Global Industrials Fund	10/24/2013	1.14	30.35	5.45	14.84	8.97	9.22
Global Real Estate Fund	10/27/2008	1.38	11.57	1.93	4.64	4.10	8.18
Global Technology Fund	9/29/2000	0.95	55.92 [†]	-8.61	12.45	14.37	13.16
Health Sciences Fund	12/29/1995	0.80	3.08	0.83	11.49	11.54	13.41
New Era Fund	1/20/1969	0.74	1.10	10.75	9.10	2.97	6.35

Performance data quoted represents past performance and does not guarantee future results. Investment return and principal value will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted. To obtain the most recent month-end performance, visit [troweprice.com](https://www.troweprice.com).

Standardized Performance: T. Rowe Price Equity Mutual Funds (cont.)

Annualized total returns for periods ended December 31, 2023

Fund	Inception Date	Gross Expense Ratio ¹	1 Year	3 Years	5 Years	10 Years	20 Years or Since Inception
Real Estate Fund	10/31/1997	0.82%	13.12%	7.29%	6.03%	6.26%	7.59%
Science & Technology Fund	9/30/1987	0.84	53.77 [†]	1.67	17.43	14.73	11.11

Performance data quoted represents past performance and does not guarantee future results. Investment return and principal value will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted. To obtain the most recent month-end performance, visit [troweprice.com](https://www.troweprice.com).

¹ As of the most recent prospectus.

² The Institutional Large-Cap Growth Fund changed its name to the Large-Cap Growth Fund and designated all outstanding shares as I Class as of May 1, 2020. Performance shown prior to May 1, 2020, reflects the performance of the fund while it was structured as the T. Rowe Price Institutional Large-Cap Growth Fund.

³ The Institutional Large-Cap Value Fund changed its name to the Large-Cap Value Fund and designated all outstanding shares as I Class as of May 1, 2020. Performance shown prior to May 1, 2020, reflects the performance of the fund while it was structured as the T. Rowe Price Institutional Large-Cap Value Fund.

⁴ The Institutional Global Value Equity Fund changed its name to the Global Value Equity Fund and designated all outstanding shares as I Class as of March 1, 2020. Performance shown prior to March 1, 2020, reflects the performance of the fund while it was structured as the T. Rowe Price Institutional Global Value Equity Fund.

* Managed by T. Rowe Price effective August 30, 1992.

[†] Investors should note that the fund's short-term performance is highly unusual and unlikely to be sustained.

The standardized performance table omits the Developing Technologies Fund, the Growth & Income Fund, the Institutional Africa & Middle East Fund, the Institutional Concentrated Large-Cap Value Fund, the Institutional Frontier Markets Equity Fund, the Institutional International Core Equity Fund, the Institutional International Growth Equity Fund, the Tax-Efficient Growth Fund, and the Institutional U.S. Structured Research Fund. Each of these funds either liquidated or merged with another fund prior to December 31, 2023.

Standardized Performance: T. Rowe Price Equity ETFs*

Annualized total returns for periods ended December 31, 2023

Fund		Inception Date	Gross Expense Ratio ¹	1 Year	3 Years	5 Years	10 Years	20 Years or Since Inception
Blue Chip Growth ETF	(NAV Returns)	8/4/2020	0.57%	50.10 [†] %	3.28%	—	—	6.44%
	Market Returns			50.10 [†]	3.29	—	—	6.47
Dividend Growth ETF	(NAV Returns)	8/4/2020	0.50	13.69	8.86	—	—	11.84
	Market Returns			13.96	8.92	—	—	11.90
Equity Income ETF	(NAV Returns)	8/4/2020	0.54	9.59	10.21	—	—	14.65
	Market Returns			9.65	10.21	—	—	14.65
Growth Stock ETF	(NAV Returns)	8/4/2020	0.52	48.87 [†]	1.78	—	—	6.30
	Market Returns			48.92 [†]	1.77	—	—	6.31
U.S. Equity Research ETF	(NAV Returns)	6/8/2021	0.34	29.77	—	—	—	7.31
	Market Returns			29.94	—	—	—	7.37

*These ETFs are different from traditional ETFs.

Traditional ETFs tell the public what assets they hold each day. These ETFs will not. **This may create additional risks for your investment.** For example:

- You may have to pay more money to trade the ETF's shares. These ETFs will provide less information to traders, who tend to charge more for trades when they have less information.
- The price you pay to buy ETF shares on an exchange may not match the value of the ETF's portfolio. The same is true when you sell shares. These price differences may be greater for these ETFs compared with other ETFs because they provide less information to traders.
- These additional risks may be even greater in bad or uncertain market conditions.
- These ETFs will publish on their website each day a "Proxy Portfolio" designed to help trading in shares of the ETFs. While the Proxy Portfolio includes some of the ETF's holdings, it is not the ETF's actual portfolio.

The differences between these ETFs and other ETFs may also have advantages. By keeping certain information about the ETFs secret, these ETFs may face less risk that other traders can predict or copy its investment strategy. This may improve the ETF's performance. If other traders are able to copy or predict the ETF's investment strategy, however, this may hurt the ETF's performance.

For additional information regarding the unique attributes and risks of these ETFs, see the fund's prospectus.

Performance data quoted represents past performance and does not guarantee future results; current performance may be higher or lower than performance quoted. Investment returns and principal value will fluctuate, and shares, when sold, may be worth more or less than their original cost. Market returns are based on the midpoint of the bid/ask spread as of 4 p.m. ET and do not represent returns an investor would receive if shares were traded at other times. To obtain the most recent month-end performance, visit troweprice.com.

Please see the Important Information page for additional information about these ETFs.

ETFs are bought and sold at market prices, not net asset value (NAV). Investors generally incur the cost of the spread between the prices at which shares are bought and sold. Buying and selling shares may result in brokerage commissions, which will reduce returns.

¹ As of the most recent prospectus.

[†] Investors should note that the fund's short-term performance is highly unusual and unlikely to be sustained.

INVEST WITH CONFIDENCE®

T. Rowe Price identifies and actively invests in opportunities to help people thrive in an evolving world, bringing our dynamic perspective and meaningful partnership to clients so they can feel more confident.

Additional Disclosure

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T. Rowe Price semi-transparent ETFs: These ETFs publish a daily Proxy Portfolio, a basket of securities designed to closely track the daily performance of the actual portfolio holdings. While the Proxy Portfolio includes some of the ETFs holdings, it is not the actual portfolio. Daily portfolio statistics will be provided as an indication of the similarities and differences between the Proxy Portfolio and the actual holdings. The Proxy Portfolio and other metrics, including Portfolio Overlap, are intended to provide investors and traders with enough information to encourage transactions that help keep the ETF's market price close to its NAV. There is a risk that market prices will differ from the NAV. ETFs trading on the basis of a Proxy Portfolio may trade at a wider bid/ask spread than shares of ETFs that publish their portfolios on a daily basis, especially during periods of market disruption or volatility and, therefore, may cost investors more to trade. The ETF's daily Proxy Portfolio, Portfolio Overlap, and other tracking data are available at troweprice.com.

Although the ETF seeks to benefit from keeping its portfolio information confidential, others may attempt to use publicly available information to identify the ETF's investment and trading strategy. If successful, these trading practices may have the potential to reduce the efficiency and performance of the ETF.

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