



PORTFOLIO UPDATE

QM U.S. Small-Cap Growth Equity Fund - I Class

As of December 31, 2022



Portfolio Manager:
Sudhir Nanda

Managed Fund Since:
2006

Joined Firm:
2000

INVESTMENT OBJECTIVE

The fund seeks long-term growth of capital by investing primarily in common stocks of small growth companies.

FUND INFORMATION

Symbol	TQAIX
CUSIP	87283A102
Inception Date of Fund	March 23, 2016
Benchmark	MSCI US Small Cap Growth Index
Expense Information (as of the most recent Prospectus)	0.64%
Fiscal Year End	December 31
12B-1 Fee	-

MARKET COMMENTARY

U.S. stocks fell in December to finish their worst year since the global financial crisis in 2008. As measured by various Russell indexes, mid-cap stocks performed best, followed by large-cap and small-cap stocks. Value outperformed growth in large- and mid-cap stocks, while growth marginally outperformed value in small-caps. All sectors declined in the S&P 500, with consumer discretionary faring worst followed by information technology and communication services. Utilities performed best with only modest losses during the month.

There was some hope of moderation for Federal Reserve interest rate hikes when the target rate was raised 50 basis points in mid-December instead of 75 basis points, as it had been the last several hikes. However, hawkish commentary that accompanied this move implied that interest rates would reach higher-than-expected levels and be elevated for longer into 2023 in an effort to stem inflation, pulling the markets down along with it. The year ended with many investors concerned that ongoing Fed rate hikes would hurt corporate earnings and push the economy into a recession in 2023.

Capital markets appear to have priced in a significant global economic slowdown. The key question is whether this deceleration will end in a "soft landing"-with slower but still positive growth-or in a full-fledged recession that drags down earnings. Much of that depends on central bank policy, while geopolitical risks will remain potential triggers for downside volatility in 2023. While there are good reasons for caution in 2023, excessive pessimism and volatility can create value for agile investors. In difficult markets, security selection will be critical.

PERFORMANCE

(NAV, total return)

	One Month	Three Months	One Year	Annualized			
				Three Years	Five Years	Ten Years	Fifteen Years
QM U.S. Small-Cap Growth Equity Fund - I Class	-5.38%	7.35%	-22.31%	2.40%	5.89%	11.04%	9.55%
MSCI US Small Cap Growth Index	-5.93	4.71	-26.16	4.08	5.84	10.38	8.61

Performance data quoted represents past performance and is not a reliable indicator of future performance. 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. Consider the investment objectives, risks, and charges and expenses carefully before investing. For a prospectus or, if available, a summary prospectus containing this and other information, call 1-800-638-7780 or visit troweprice.com. Read it carefully. The Fund's total return figures reflect the reinvestment of dividends and capital gains, if any.

The T. Rowe Price Fund shares the portfolio of an existing fund (the original share class of the fund referred to as the "investor class"). The total return figures for the I Class shares have been calculated using the performance data of the investor class up to the inception date of the I Class (3/23/16) and the actual performance results of the I Class since that date. Because the I Classes are expected to have lower expenses than the Investor Classes, the I Class performance, had it existed over the periods shown, would have been higher.

The fund is subject to the risks of stock investing, including possible loss of principal. The fund's strategy relies heavily on quantitative models to analyze data and construct investment portfolios. Relying on these models entails the risk that the models themselves may be limited or incorrect, that the data the models rely on may be incorrect or incomplete, and that the adviser may not be successful in selecting companies for investment or determining the weighting of particular stocks.

The fund(s) may have other share classes available that offer different investment minimums and fees. See the prospectus for details. For Sourcing Information, please see Additional Disclosures.

RISK RETURN CHARACTERISTICS

(Five Years ended December 31, 2022)

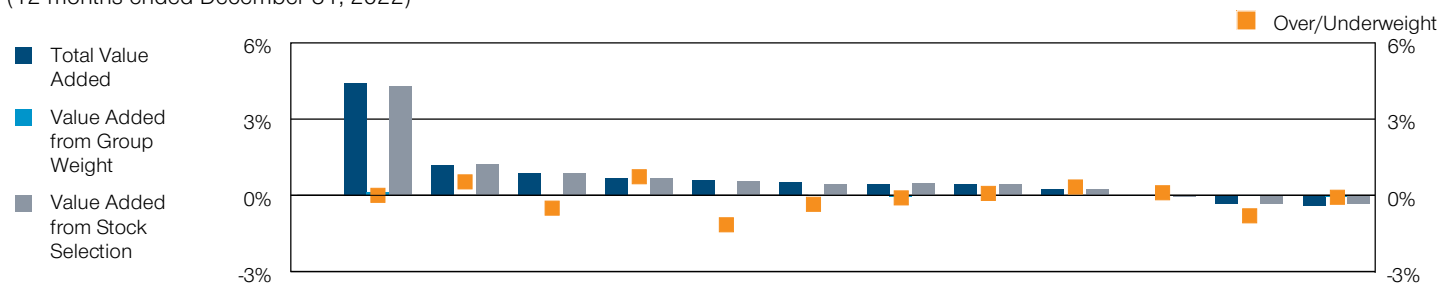
	Active Share* (as of 12/31/22)	Annualized Std. Deviation	Alpha	Beta	R-Squared	Information Ratio	Sharpe Ratio	Tracking Error
QM U.S. Small-Cap Growth Equity Fund - I Class	55.4%	20.99%	0.41%	0.87	0.95	0.01	0.22	5.45%
MSCI US Small Cap Growth Index	-	23.47	0.00	1.00	1.00	0.00	0.19	0.00

* Active Share is a snapshot in time as of the indicated date.

Past performance is not a reliable indicator of future performance. Figures are calculated using monthly data and are net of fees.

SECTOR ATTRIBUTION DATA VS. MSCI US SMALL CAP GROWTH INDEX

(12 months ended December 31, 2022)



	Total	Info Tech	Indust & Bus Svcs	Health Care	Financials	Comm Svcs	Consumer Disc	Real Estate	Consumer Staples	Utilities	Materials	Energy
Over/Underweight	0.00%	0.54%	-0.50%	0.73%	-1.15%	-0.34%	-0.09%	0.08%	0.34%	0.11%	-0.80%	-0.06%
Fund Performance	-21.73	-27.56	-14.38	-26.54	-19.74	-14.05	-26.29	-32.43	-4.45	-19.89	-22.98	31.24
Index Performance	-26.16	-33.20	-18.92	-29.68	-32.49	-33.64	-30.13	-47.84	-10.66	-14.93	-15.50	46.61
Value Add - Group Weight	0.13	-0.02	-0.02	0.00	0.03	0.05	-0.04	-0.01	0.00	0.03	-0.01	-0.06
Value Add - Stock Selection	4.29	1.22	0.88	0.69	0.56	0.48	0.50	0.45	0.23	-0.05	-0.34	-0.33
Total Contribution	4.43	1.20	0.86	0.69	0.59	0.53	0.46	0.44	0.24	-0.02	-0.35	-0.39

Past performance is not a reliable indicator of future performance. All numbers are percentages. Analysis represents the total performance of the portfolio as calculated by the FactSet attribution model and is inclusive of other assets. Non-equity positions are excluded from structure shown. Returns will not match official T. Rowe Price performance because FactSet uses different exchange rate sources and does not capture intra-day trading. Performance for each security is obtained in the local currency and, if necessary, is converted using an exchange rate determined by an independent third party. Figures are shown with gross dividends reinvested. Sources: Financial data and analytics provider FactSet. Copyright 2023 FactSet. All Rights Reserved. MSCI/S&P GICS Sectors; Analysis by T. Rowe Price. T. Rowe Price uses the current MSCI/S&P Global Industry Classification Standard (GICS) for sector and industry reporting. T. Rowe Price will adhere to all updates to GICS for prospective reporting. Figures are shown gross of fees. Returns would be lower as a result of the deduction of such fees. Performance returns are in USD. For Sourcing Information, please see Additional Disclosures.

TOP 10 ISSUERS

Comprising 8.7% of total net assets.

	Industry	% of Fund
Halozyne Therapeutics	Biotechnology	1.0%
Casella Waste Systems	Commercial Services & Supplies	1.0
Lattice Semiconductor	Semicons & Semicon Equip	0.9
Ensign	Health Care Providers & Svcs	0.9
Manhattan Associates	Software	0.9
Exlservice Holdings	IT Services	0.8
Saia	Road & Rail	0.8
CACI International	Professional Services	0.8
Graphic Packaging Holding	Containers & Packaging	0.8
Molina Healthcare	Health Care Providers & Svcs	0.8

Issuers are as of the date indicated and are subject to change.

PORTFOLIO CHARACTERISTICS

	QM U.S. Small-Cap Growth Equity Fund - I Class	MSCI US Small Cap Growth Index
Number of Issuers	319	1,048
Investment Weighted Median Market Cap (mm)	\$5,249	\$3,558
Price to Earnings (12 Months Forward)*° †	21.4X	22.3X
Price to Book (trailing)°	4.3X	3.7X
Projected Earnings Growth Rate (3 - 5 Years)*° †	14.2%	14.2%
Return on Equity (Last 12 Months excl. charges)°	19.4%	12.7%
Top 20 Issuers as Percent of Total	16.0%	9.5%
Total Assets (all share classes)	6,630,224,184	-
Percent of Portfolio in Cash	0.8%	-

°Investment Weighted Median.

*I/B/E/S © 2023 Refinitiv. All rights reserved.

†These statistics are based on the fund's underlying holdings and are not a projection of future portfolio performance. Actual results may vary.

SECTOR DIVERSIFICATION

	Indust &										
	Health Care	Bus Svcs	Info Tech	Cons Disc	Materi- als	Cons Stpls	Energy	Finan- cials	Comm Svcs	Real Es- tate	Utilities
QM U.S. Small-Cap Growth Equity Fund - I Class	24.1%	20.0%	19.4%	12.9%	4.7%	4.7%	4.5%	4.1%	2.7%	1.3%	0.6%
MSCI US Small Cap Growth Index	23.3	20.4	18.9	12.9	5.5	4.4	4.6	5.3	3.0	1.3	0.5
Over/Underweight	0.8	-0.3	0.5	0.0	-0.8	0.3	0.0	-1.1	-0.3	0.1	0.1

For Sourcing Information, please see Additional Disclosures.

Definitions

Active Share is a holdings based measure of active management representing the percentage of a portfolio's holdings that differ from those in its benchmark. Compared to tracking error, which measures the standard deviation of the difference in a manager's returns versus the Benchmark returns, Active Share allows investors to get a clearer understanding of what a manager is doing to drive performance, rather than drawing conclusions from observed returns. The greater the difference between the asset composition of a product and its benchmark, the greater the active share is.

Additional Disclosures

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Unless otherwise noted, index returns are shown with gross dividends reinvested.

The information shown does not reflect any Exchange Traded Funds (ETFs) that may be held in the portfolio.

T. Rowe Price uses the current MSCI/S&P Global Industry Classification Standard (GICS) for sector and industry reporting. T. Rowe Price will adhere to all future updates to GICS for prospective reporting.

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Diversification exhibits may not add to 100% due to exclusion or inclusion of cash.

Certain numbers in this report may not equal stated totals due to rounding. Unless otherwise stated, data is as of the report date.

Unless indicated otherwise the source of all data is T. Rowe Price.

This material should not be deemed a recommendation to buy or sell any of the securities mentioned.

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