



SUMMARY PROSPECTUS

May 1, 2019

<p>PRDSX TQAIX TQAAX</p>	<p>T. ROWE PRICE QM U.S. Small-Cap Growth Equity Fund Investor Class I Class Advisor Class</p>
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The Securities and Exchange Commission (SEC) has not approved or disapproved these securities or passed upon the adequacy of this prospectus. Any representation to the contrary is a criminal offense.

Before you invest, you may want to review the fund's prospectus, which contains more information about the fund and its risks. You can find the fund's prospectus, shareholder reports, and other information about the fund online at troweprice.com/prospectus. You can also get this information at no cost by calling **1-800-638-5660**, by sending an e-mail request to info@troweprice.com, or by contacting your financial intermediary. This Summary Prospectus incorporates by reference the fund's prospectus, dated May 1, 2019, as amended or supplemented, and Statement of Additional Information, dated May 1, 2019, as amended or supplemented.

Beginning on January 1, 2021, as permitted by SEC regulations, paper copies of the T. Rowe Price funds' annual and semiannual shareholder reports will no longer be mailed, unless you specifically request them. Instead, shareholder reports will be made available on the funds' website (troweprice.com/prospectus), and you will be notified by mail with a website link to access the reports each time a report is posted to the site.

If you already elected to receive reports electronically, you will not be affected by this change and need not take any action. At any time, shareholders who invest directly in T. Rowe Price funds may generally elect to receive reports or other communications electronically by enrolling at troweprice.com/paperless or, if you are a retirement plan sponsor or invest in the funds through a financial intermediary (such as an investment advisor, broker-dealer, insurance company, or bank), by contacting your representative or your financial intermediary.

You may elect to continue receiving paper copies of future shareholder reports free of charge. To do so, if you invest directly with T. Rowe Price, please call T. Rowe Price as follows: IRA, nonretirement account holders, and institutional investors, **1-800-225-5132**; small business retirement accounts, **1-800-492-7670**. If you are a retirement plan sponsor or invest in the T. Rowe Price funds through a financial intermediary, please contact your representative or financial intermediary, or follow additional instructions if included with this document. Your election to receive paper copies of reports will apply to all funds held in your account with your financial intermediary or, if you invest directly in the T. Rowe Price funds, with T. Rowe Price. Your election can be changed at any time in the future.

Investment Objective

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

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the fund. You may also incur brokerage commissions and other charges when buying or selling shares of the fund, which are not reflected in the table.

Fees and Expenses of the Fund

	Investor Class	I Class	Advisor Class
Shareholder fees (fees paid directly from your investment)			
Maximum account fee	\$20 ^a	—	—
Annual fund operating expenses (expenses that you pay each year as a percentage of the value of your investment)			
Management fees	0.64%	0.64%	0.64%
Distribution and service (12b-1) fees	—	—	0.25
Other expenses	0.16	0.02	0.18
Total annual fund operating expenses	0.80	0.66	1.07

^a Subject to certain exceptions, accounts with a balance of less than \$10,000 are charged an annual \$20 fee.

Example This example is intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. The example assumes that you invest \$10,000 in the fund for the time periods indicated and then redeem all of your shares at the end of those periods, that your investment has a 5% return each year, and that the fund's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 year	3 years	5 years	10 years
Investor Class	\$82	\$255	\$444	\$990
I Class	67	211	368	822
Advisor Class	109	340	590	1,306

Portfolio Turnover The fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when the fund's shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the fund's performance. During the most recent fiscal year, the fund's portfolio turnover rate was 17.9% of the average value of its portfolio.

Investments, Risks, and Performance

Principal Investment Strategies The fund will normally invest at least 80% of its net assets (including any borrowings for investment purposes) in equity securities issued by small-cap U.S. growth companies. The fund expects to invest predominantly in common stocks.

The fund defines small-cap growth companies as those whose market capitalization, at the time of purchase, falls within the range of companies in the MSCI US Small Cap Growth Index, an index designed to capture the securities of small-cap companies exhibiting overall growth style characteristics in the U.S. As of December 31, 2018, the market capitalization range for the MSCI US Small Cap Growth Index was approximately \$23.6 million to \$22.7 billion. The market capitalization of the companies in the index will change over time, but the index is reconstituted annually to ensure that larger stocks do not distort the performance and characteristics of the small-cap growth opportunity set. The fund will not sell a stock just because the company has grown to a market capitalization above the range.

The “QM” in the fund’s name reflects the concept that the fund employs a “quantitative management” strategy relying on quantitative models developed by T. Rowe Price to help identify stocks that could be included in the portfolio. Based on these models, the portfolio is typically constructed in a “bottom up” manner, an approach that focuses more on evaluations of individual stocks than on analyses of overall economic trends and market cycles. Stocks are ranked on metrics that capture their valuation, profitability, stability, earnings quality, management capital allocation actions, and indicators of near term appreciation potential. As part of the stock selection process, the adviser focuses primarily on companies that, in the adviser’s opinion, are capable of achieving and sustaining above-average, long-term earnings growth. The adviser employs various growth metrics, such as a company’s historical and forecasted sales and earnings growth rates. The portfolio is generally constructed by buying stocks ranked higher by the models and selecting stocks to sell from those that have a lower rank, subject to overall risk controls and desired portfolio characteristics.

The adviser monitors the quantitative models and reviews the security selection results for certain qualitative factors (such as regulatory impacts to a company) and portfolio risk characteristics in the process of portfolio construction. Sector allocations are driven primarily by the quantitative models and security selection. In building the quantitative models and adjusting them as needed, the fund draws on T. Rowe Price’s experience in small-cap investing as well as its quantitative and fundamental research capabilities.

While most assets will typically be invested in U.S. equity securities, the fund may invest up to 10% of its total assets in foreign securities, including securities of emerging market issuers.

The fund may sell securities for a variety of reasons, such as to secure gains, limit losses, or redeploy assets into more promising opportunities.

Principal Risks As with any mutual fund, there is no guarantee that the fund will achieve its objective. The fund’s share price fluctuates, which means you could lose money by investing in the fund. The principal risks of investing in this fund are summarized as follows:

Active management risks The investment adviser's judgments about the attractiveness, value, or potential appreciation of the fund's investments may prove to be incorrect. The fund could underperform other funds with a similar benchmark or similar objectives and investment strategies if the fund's overall investment selections or strategies fail to produce the intended results.

Risks of U.S. stock investing Common stocks generally fluctuate in value more than bonds and may decline significantly over short time periods. There is a chance that stock prices overall will decline because stock markets tend to move in cycles, with periods of rising and falling prices. The value of a stock in which the fund invests may decline due to general weakness in the U.S. stock market, such as when the U.S. financial markets decline, or because of factors that affect a particular company or industry.

Small-cap stock risks Investing primarily in issuers within the same market capitalization category carries the risk that the category may be out of favor due to current market conditions or investor sentiment. Because the fund invests primarily in securities issued by small-cap companies, it is likely to be more volatile than a fund that focuses on securities issued by larger companies. Small-sized companies often have less experienced management, narrower product lines, more limited financial resources, and less publicly available information than larger companies. In addition, smaller companies are typically more sensitive to changes in overall economic conditions and their securities may be difficult to trade.

Investment style risks Different investment styles tend to shift in and out of favor depending on market conditions and investor sentiment. The fund's growth approach to investing could cause it to underperform other stock funds that employ a different investment style. Growth stocks tend to be more volatile than certain other types of stocks, and their prices may fluctuate more dramatically than the overall stock market. A stock with growth characteristics can have sharp price declines due to decreases in current or expected earnings and may lack dividends that can help cushion its share price in a declining market.

Quantitative models risk The fund's strategy relies heavily on quantitative models and the analysis of specific metrics to construct the portfolio. The impact of these metrics on a stock's performance can be difficult to predict, and stocks that previously possessed certain desirable quantitative characteristics may not continue to demonstrate those same characteristics in the future. In addition, relying on quantitative models entails the risk that the models themselves may be limited or incorrect, that the data on which the models rely may be incorrect or incomplete, that the models may not be implemented as intended by the adviser, and that the adviser may not be successful in selecting companies for investment or determining the weighting of particular stocks in the fund's portfolio. Any of these factors could cause the fund to underperform funds with similar strategies that do not select stocks based on quantitative analysis.

Foreign investing risks The fund's investments in foreign holdings may be adversely affected by local, political, social, and economic conditions overseas, greater volatility, reduced liquidity, or decreases in foreign currency values relative to the U.S. dollar. These risks are heightened for the fund's investments in emerging markets, which are more susceptible to

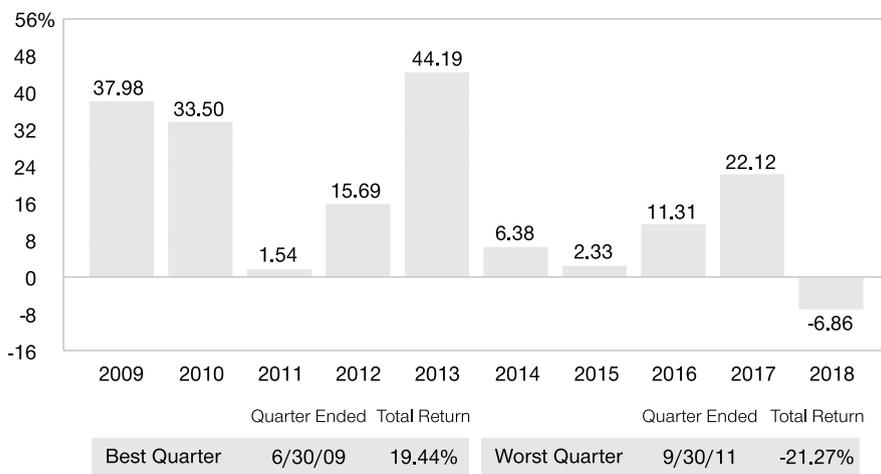
governmental interference, less efficient trading markets, and the imposition of local taxes or restrictions on gaining access to the fund's investments.

Performance The following performance information provides some indication of the risks of investing in the fund. The fund's performance information represents only past performance (before and after taxes) and is not necessarily an indication of future results.

The following bar chart illustrates how much returns can differ from year to year by showing calendar year returns and the best and worst calendar quarter returns during those years for the fund's Investor Class. Returns for other share classes vary since they have different expenses.

QM U.S. SMALL-CAP GROWTH EQUITY FUND

Calendar Year Returns



The following table shows the average annual total returns for each class of the fund that has been in operation for at least one full calendar year, and also compares the returns with the returns of a relevant broad-based market index, as well as with the returns of one or more comparative indexes that have investment characteristics similar to those of the fund, if applicable.

In addition, the table shows hypothetical after-tax returns to demonstrate how taxes paid by a shareholder may influence returns. After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on an investor's tax situation and may differ from those shown. After-tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements, such as a 401(k) account or an IRA. After-tax returns are shown only for the Investor Class and will differ for other share classes.

Average Annual Total Returns

	Periods ended December 31, 2018				Inception date
	1 Year	5 Years	10 Years	Since inception	
Investor Class					06/30/1997
Returns before taxes	-6.86 %	6.63 %	15.70 %	—%	
Returns after taxes on distributions	-7.80	6.12	15.30	—	
Returns after taxes on distributions and sale of fund shares	-3.38	5.14	13.34	—	
I Class					03/23/2016
Returns before taxes	-6.72	—	—	11.17	
Advisor Class					07/05/2016
Returns before taxes	-7.09	—	—	9.32	
MSCI US Small Cap Growth Index (reflects no deduction for fees, expenses, or taxes)					
	-9.03	4.93	14.72	10.63 ^a 9.25 ^b	
Lipper Small-Cap Growth Funds Index					
	-3.93	5.51	13.55	12.79 ^a 11.52 ^b	

^a Return since 3/23/16.

^b Return since 7/05/16.

Updated performance information is available through troweprice.com.

Management

Investment Adviser T. Rowe Price Associates, Inc. (T. Rowe Price or Price Associates)

Portfolio Manager	Title	Managed Fund Since	Joined Investment Adviser
Sudhir Nanda	Chairman of Investment Advisory Committee	2006	2000

Purchase and Sale of Fund Shares

The fund (other than the I Class) generally requires a \$2,500 minimum initial investment (\$1,000 minimum initial investment if opening an IRA, a custodial account for a minor, or a small business retirement plan account). Additional purchases generally require a \$100 minimum. These investment minimums generally are waived for financial intermediaries and certain employer-sponsored retirement plans submitting orders on behalf of their customers. Advisor Class shares may generally only be purchased through a financial intermediary or retirement plan.

The I Class requires a \$1 million minimum initial investment and there is no minimum for additional purchases, although the initial investment minimum generally is waived for financial intermediaries, retirement plans, and certain institutional client accounts for which T. Rowe Price or its affiliate has discretionary investment authority.

For investors holding shares of the fund directly with T. Rowe Price, you may purchase, redeem, or exchange fund shares by mail; by telephone (1-800-225-5132 for IRAs and nonretirement accounts; 1-800-492-7670 for small business retirement plans; and 1-800-638-8790 for institutional investors and financial intermediaries); or, for certain accounts, by accessing your account online through **troweprice.com**.

If you hold shares through a financial intermediary or retirement plan, you must purchase, redeem, and exchange shares of the fund through your intermediary or retirement plan. You should check with your intermediary or retirement plan to determine the investment minimums that apply to your account.

Tax Information

Any dividends or capital gains are declared and paid annually, usually in December. Redemptions or exchanges of fund shares and distributions by the fund, whether or not you reinvest these amounts in additional fund shares, may be taxed as ordinary income or capital gains unless you invest through a tax-deferred account (in which case you will be taxed upon withdrawal from such account).

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase shares of the fund through a broker-dealer or other financial intermediary (such as a bank), the fund and its related companies may pay the intermediary for the sale of fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information.

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