

T. Rowe Price Diversified Mid-Cap Growth Fund

Supplement to Summary Prospectus Dated May 1, 2020

The portfolio manager table under “Management” is supplemented as follows:

Effective January 1, 2021, Donald J. Easley will step down as the fund’s co-portfolio manager and Cochairman of the fund’s Investment Advisory Committee, and Donald J. Peters will become the fund’s sole portfolio manager and sole Chairman of the fund’s Investment Advisory Committee.

The date of this supplement is September 14, 2020.

F149-041-S 9/14/20



SUMMARY PROSPECTUS

May 1, 2020

<p>PRDMX RPTTX</p>	<p>T. ROWE PRICE Diversified Mid-Cap Growth Fund Investor Class I 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, 2020, as amended or supplemented, and Statement of Additional Information, dated May 1, 2020, 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(s)

The fund seeks to provide long-term capital growth by investing primarily in the common stocks of mid-cap growth companies.

Fees and Expenses

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

Fees and Expenses of the Fund

	Investor Class	I 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%
Distribution and service (12b-1) fees	—	—
Other expenses	0.16	0.03
Total annual fund operating expenses	0.80	0.67

^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	68	214	373	835

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 10.9% 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 a broadly diversified portfolio of common stocks of mid-cap growth companies. T. Rowe Price expects the earnings of these companies to grow at a faster rate than the average company. The fund defines mid-cap companies as those whose market capitalization falls within the range of either the S&P MidCap 400 Index or the Russell Midcap Growth Index. As of December 31, 2019, the market capitalization ranges for the S&P MidCap 400 Index and the Russell Midcap Growth Index were approximately \$1.1 billion to \$19.4 billion, and \$1.2 billion to \$78.6 billion, respectively. (A company's market capitalization is determined by multiplying its shares outstanding by its stock price.)

The fund has the flexibility to purchase some larger and smaller companies that have qualities consistent with the portfolio's core characteristics. In other words, the fund may on occasion purchase a stock whose market capitalization is outside of the capitalization range of mid-cap companies. The market capitalization of the companies in the fund's portfolio, the S&P MidCap 400 Index, and the Russell Midcap Growth Index will change over time, and the fund will not automatically sell or cease to purchase a stock of a company it already owns just because the company's market capitalization grows or falls outside of the index ranges. The portfolio will be broadly diversified, and the top 25 holdings will not constitute a large portion of the fund's assets. This broad diversification should help reduce the effects of individual security price volatility on overall fund performance.

Stock selection is based on a combination of fundamental, bottom-up analysis and top-down quantitative strategies in an effort to identify companies with superior long-term appreciation prospects. We generally use a growth approach, looking for companies with one or more of the following characteristics:

- a demonstrated ability to consistently increase revenues, earnings, and cash flow;
- capable management;
- attractive business niches; and
- a sustainable competitive advantage.

Valuation measures, such as a company's price/earnings (P/E) ratio relative to the market and its own growth rate, are also considered. We will typically limit holdings of high-yielding stocks, but the payment of dividends—even above-average dividends—does not disqualify a stock from consideration. Most holdings are expected to have relatively low dividend yields.

In pursuing its investment objective(s), the fund's management has the discretion to purchase some securities that do not meet its normal investment criteria. These special situations might arise when the fund's management believes a security could increase in value for a variety of reasons, including a change in management, an extraordinary corporate event, or a temporary imbalance in the supply of or demand for the securities.

While most assets will typically be invested in U.S. common stocks, the fund may invest in foreign stocks in keeping with its objective(s). The fund may at times invest significantly in

certain sectors, such as the information technology sector. In addition, the fund lends its portfolio securities as a means of generating additional income.

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 fund, there is no guarantee that the fund will achieve its objective(s). 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, which may be even greater during periods of market disruption or volatility, are summarized as follows:

Market conditions The value of the fund's investments may decrease, sometimes rapidly or unexpectedly, due to factors affecting an issuer held by the fund, particular industries, or the overall securities markets. A variety of factors can increase the volatility of the fund's holdings and markets generally, including political or regulatory developments, recessions, inflation, rapid interest rate changes, war or acts of terrorism, natural disasters, and outbreaks of infectious illnesses or other widespread public health issues. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others. These adverse developments may cause broad declines in market value due to short-term market movements or for significantly longer periods during more prolonged market downturns.

Mid-cap stocks Investments in securities issued by mid-cap companies are likely to be more volatile than investments in securities issued by larger companies. Medium-sized companies may have less seasoned management, narrower product lines, and less capital reserves and liquidity than larger companies, and are therefore more sensitive to economic, market, and industry changes.

Growth investing 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.

Sector exposure At times, the fund may have a significant portion of its assets invested in securities of issuers conducting business in a broadly related group of industries within the same economic sector. Issuers in the same economic sector may be similarly affected by economic or market events, making the fund more vulnerable to unfavorable developments in that economic sector than funds that invest more broadly. Investments in the technology sector are susceptible to intense competition, government regulation, changing consumer preferences, and dependency on patent protection.

Stock investing 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 stocks held by the fund may decline due to general weakness or volatility in the stock markets in which the fund invests or because of factors that affect a particular company or industry.

Foreign investing Investments in the securities of non-U.S. issuers 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. The risks of investing outside the U.S. are heightened for any investments in emerging markets, which are susceptible to greater volatility than investments in developed markets.

Securities lending Securities lending involves the risk that the fund may lose money because the borrower of the loaned securities fails to return the securities to the fund in a timely manner or at all. The fund may also lose money if there is a decline in the value of the collateral provided for loaned securities or a decline in the value of any investments made with cash collateral. In addition, securities lending activities may cause adverse tax consequences for the fund.

Active management The fund's overall investment program and holdings selected by the fund's investment adviser may underperform the broad markets, relevant indices, or other funds with similar objectives and investment strategies.

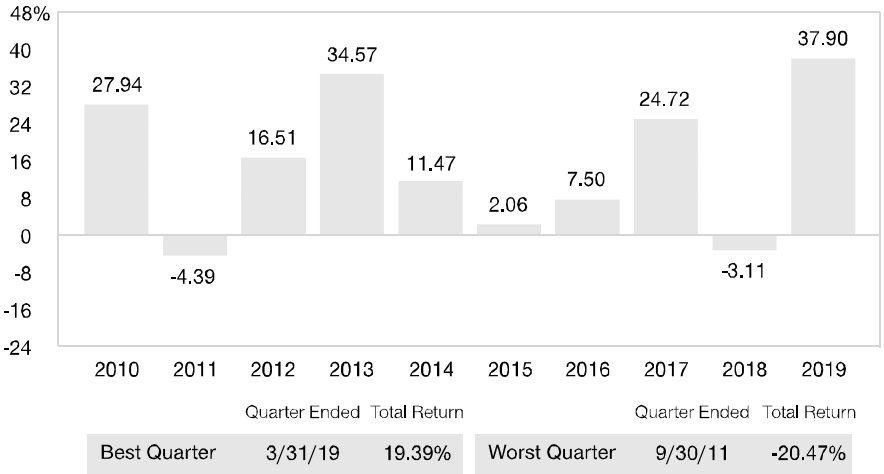
Performance

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.

DIVERSIFIED MID-CAP GROWTH 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

Investor Class	Periods ended December 31, 2019				Inception date 12/31/2003
	1 Year	5 Years	10 Years	Since inception	
Returns before taxes	37.90 %	12.83 %	14.60 %	—%	
Returns after taxes on distributions	37.23	11.98	13.99	—	
Returns after taxes on distributions and sale of fund shares	22.89	10.07	12.19	—	
I Class					05/03/2017
Returns before taxes	38.07	—	—	17.19	
Russell Midcap Growth Index (reflects no deduction for fees, expenses, or taxes)	35.47	11.60	14.24	16.18 ^a	
S&P MidCap 400 Index (reflects no deduction for fees, expenses, or taxes)	26.20	9.03	12.72	8.68 ^a	
Lipper Mid-Cap Growth Funds Index	33.83	11.33	13.02	15.59 ^a	

^a Return since 5/3/17.

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
Donald J. Easley	Cochairman of Investment Advisory Committee	2009	2000
Donald J. Peters	Cochairman of Investment Advisory Committee	2003	1993

Purchase and Sale of Fund Shares

The Investor 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.

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, generally 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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