General Municipal Money Market Fund

Summary Prospectus | March 31, 2020

Class A Shares
Ticker Symbol: GTMXX

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 and other information about the fund, including the statement of additional information and most recent reports to shareholders, online at http://im.bnymellon.com/literaturecenter. You can also get this information at no cost by calling 1-800-373-9387 (inside the U.S. only) or by sending an e-mail request to info@bnymellon.com. The fund's prospectus and statement of additional information, dated March 31, 2020 (each as revised or supplemented), are incorporated by reference into this summary prospectus.

General Municipal Money Market Fund

Investment Objective

The fund seeks to maximize current income exempt from federal income tax, to the extent consistent with the preservation of capital and the maintenance of liquidity.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the fund.

<table>
<thead>
<tr>
<th>Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management fees</td>
</tr>
<tr>
<td>Other expenses:</td>
</tr>
<tr>
<td>Shareholder services fees</td>
</tr>
<tr>
<td>Miscellaneous other expenses</td>
</tr>
<tr>
<td>Total other expenses</td>
</tr>
<tr>
<td>Total annual fund operating expenses</td>
</tr>
</tbody>
</table>

Example

The 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 hold or redeem all of your shares at the end of those periods. The Example also assumes 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:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>$62</td>
<td>$195</td>
<td>$340</td>
<td>$762</td>
</tr>
</tbody>
</table>

Principal Investment Strategy

To pursue its goal, the fund normally invests substantially all of its net assets in short-term, high quality municipal obligations that provide income exempt from federal income taxes. The fund also may invest in high quality, short-term structured notes, which are derivative instruments whose value is tied to underlying municipal obligations.

Although the fund seeks to provide income exempt from federal income tax, income from some of the fund's holdings may be subject to the federal alternative minimum tax. In addition, the fund may invest temporarily in high quality, taxable money market instruments, including when the portfolio manager believes that acceptable municipal obligations are not available for investment. During such periods, the fund may not achieve its investment objective.
The fund is a money market fund subject to the maturity, quality, liquidity and diversification requirements of Rule 2a-7 under the Investment Company Act of 1940, as amended, and seeks to maintain a stable share price of $1.00.

**Principal Risks**

An investment in the fund is not a bank deposit. It is not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC) or any other government agency. You could lose money by investing in the fund. Although the fund seeks to preserve the value of your investment at $1.00 per share, it cannot guarantee it will do so. The fund’s yield will fluctuate as the short-term securities in its portfolio mature or are sold and the proceeds are reinvested in securities with different interest rates. The fund may impose a fee upon the sale of your shares (a "liquidity fee") or may temporarily suspend your ability to sell shares (a redemption "gate") if the fund’s liquidity falls below required minimums because of market conditions or other factors. Neither BNY Mellon Investment Adviser, Inc. nor its affiliates have a legal obligation to provide financial support to the fund, and you should not expect that BNY Mellon Investment Adviser, Inc. or its affiliates will provide financial support to the fund at any time.

The following are the principal risks that could reduce the fund's income level and/or share price:

- **Interest rate risk.** This risk refers to the decline in the prices of fixed-income securities that may accompany a rise in the overall level of interest rates. A sharp and unexpected rise in interest rates could impair the fund's ability to maintain a stable net asset value. A low interest rate environment may prevent the fund from providing a positive yield or paying fund expenses out of fund assets and could impair the fund's ability to maintain a stable net asset value.

- **Liquidity risk.** When there is little or no active trading market for specific types of securities, it can become more difficult to sell the securities in a timely manner at or near their perceived value. In such a market, the value of such securities may fall dramatically, potentially impairing the fund's ability to maintain a stable net asset value.

- **Credit risk.** Failure of an issuer of a security to make timely interest or principal payments when due, or a decline or perception of a decline in the credit quality of a security, can cause the security's price to fall. Although the fund invests only in high quality debt securities, the credit quality of the securities held by the fund can change rapidly in certain market environments, and the default or a significant price decline of a single holding could impair the fund's ability to maintain a stable net asset value.

- **Municipal securities risk.** Municipal securities may be fully or partially backed or enhanced by the taxing authority of a local government, by the current or anticipated revenues from a specific project or specific assets, or by the credit of, or liquidity enhancement provided by, a private issuer. Special factors, such as legislative changes, and state and local economic and business developments, may adversely affect the yield and/or the fund's ability to maintain a stable net asset value.

- **Structured notes risk.** Structured notes, a type of derivative instrument, can be volatile, and the possibility of default by the financial institution or counterparty may be greater for these instruments than for other types of money market instruments. Structured notes typically are purchased in privately negotiated transactions from financial institutions and, thus, an active trading market for such instruments may not exist.

- **Tax risk.** To be tax-exempt, municipal obligations generally must meet certain regulatory requirements. If any such municipal obligation fails to meet these regulatory requirements, the interest received by the fund from its investment in such obligations and distributed to fund shareholders will be taxable.

- **Liquidity fee and/or redemption gate risk.** The fund may impose a fee upon the sale of your shares (a "liquidity fee") or may temporarily suspend your ability to sell shares (a redemption "gate") if the fund's liquidity falls below required minimums because of unusual market conditions, an unusually high volume of redemption requests, redemptions by a few large investors, or other reasons. If a liquidity fee is imposed by the fund, it would reduce the amount you will receive upon the redemption of your shares. A "gate" will suspend your ability to redeem your shares while the gate is imposed and may prevent the fund from being able to pay redemption proceeds within the allowable time period stated in this prospectus.

- **Market risk.** The value of the securities in which the fund invests may be affected by political, regulatory, economic and social developments, and developments that impact specific economic sectors, industries or segments of the market. In addition, turbulence in financial markets and reduced liquidity in equity, credit and/or fixed income markets may negatively affect many issuers, which could adversely affect the fund. Global economies and financial markets are becoming increasingly interconnected, and conditions and events in one country, region or financial market may adversely impact issuers in a different country, region or financial market. These risks may be magnified if certain events or developments adversely interrupt the global supply chain; in these and other circumstances, such risks might affect companies worldwide. Recent examples include pandemic risks related to COVID-19 and aggressive measures taken worldwide in response by governments, including closing borders, restricting international and domestic travel, and the imposition of prolonged quarantines of large populations, and by businesses, including changes to operations and reducing staff. The effects of COVID-19 have contributed to increased volatility in global markets and will likely affect certain countries, companies, industries and market sectors more dramatically than others. The COVID-19 pandemic has had, and any other outbreak of an infectious disease or other serious public health
concern could have, a significant negative impact on economic and market conditions and could trigger a prolonged period of global economic slowdown. To the extent the fund may overweight its investments in certain countries, companies, industries or market sectors, such positions will increase the fund's exposure to risk of loss from adverse developments affecting those countries, companies, industries or sectors.

Performance

The following bar chart and table provide some indication of the risks of investing in the fund. The bar chart shows changes in the performance of the fund's Class A shares from year to year. The table shows the average annual total returns of the fund's Class A shares over time. The fund's past performance is not necessarily an indication of how the fund will perform in the future. More recent performance information may be available at www.dreyfus.com.

<table>
<thead>
<tr>
<th>Year-by-Year Total Returns as of 12/31 each year (%)</th>
<th>Best Quarter</th>
<th>Worst Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00 0.00 0.00 0.00 0.00 0.06 0.29 0.87 0.93</td>
<td>Q2, 2019: 0.28%</td>
<td>Q3, 2015: 0.00%</td>
</tr>
<tr>
<td>10 11 12 13 14 15 16 17 18 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Average Annual Total Returns as of 12/31/19

<table>
<thead>
<tr>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.93%</td>
<td>0.43%</td>
<td>0.21%</td>
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For the fund’s current yield call toll-free 1-800-373-9387 (inside the U.S. only).

Portfolio Management

The fund is managed by Dreyfus Cash Investment Strategies, a division of BNY Mellon Investment Adviser, Inc., the fund's investment adviser.

Purchase and Sale of Fund Shares

Investments in the fund are limited to accounts beneficially owned by natural persons.

In general, the fund's minimum initial investment is $2,500 and the minimum subsequent investment is $100. You may sell (redeem) your shares on any business day by calling 1-800-373-9387 (inside the U.S. only) or by visiting www.dreyfus.com. If you invested in the fund through a third party, such as a bank, broker-dealer or financial adviser, you may mail your request to sell shares to BNY Mellon Institutional Department, P.O. Box 9882, Providence, Rhode Island 02940-8082. If you invested directly through the fund, you may mail your request to sell shares to BNY Mellon Shareholder Services, P.O. Box 9879, Providence, Rhode Island 02940-8079.

Tax Information

The fund anticipates that dividends paid by the fund generally will be exempt from federal income tax. However, the fund may realize and distribute taxable income and capital gains from time to time as a result of the fund's normal investment activities.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase shares 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. To the extent that the intermediary may receive lesser or no payments in connection with the sale of other investments, the payments from the fund and its related companies may create a potential conflict of interest by influencing the broker-dealer or other intermediary and your financial representative to recommend the fund over the other investments. This potential conflict of interest may be addressed by policies, procedures or
practices adopted by the financial intermediary. As there may be many different policies, procedures or practices adopted by different intermediaries to address the manner in which compensation is earned through the sale of investments or the provision of related services, the compensation rates and other payment arrangements that may apply to a financial intermediary and its representatives may vary by intermediary. Ask your financial representative or visit your financial intermediary's website for more information.

This prospectus does not constitute an offer or solicitation in any state or jurisdiction in which, or to any person to whom, such offering or solicitation may not lawfully be made.