BNY MELLON FAMILY OF FUNDS

Supplement to Current Summary Prospectus and Prospectus

The following information supplements the information in the sections entitled "Principal Investment Risks" in the summary prospectus and "Fund Summary - Principal Risks" and "Fund Details - Investment Risks" in the 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.
Dreyfus Institutional Treasury Obligations Cash Advantage Fund

Summary Prospectus | August 30, 2019

Premier Shares
Ticker Symbol: DRRXX

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/literaturecenterfa](http://im.bnymellon.com/literaturecenterfa). 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 August 30, 2019 (each as revised or supplemented), are incorporated by reference into this summary prospectus.

Dreyfus Institutional Treasury Obligations Cash Advantage Fund

Investment Objective

The fund seeks as high a level of current income as is 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>
<th>Premier Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management fees</td>
<td>0.14</td>
</tr>
<tr>
<td>Other expenses*</td>
<td>0.25</td>
</tr>
<tr>
<td>Shareholder services fees</td>
<td>0.05</td>
</tr>
<tr>
<td>Administrative services fees</td>
<td>0.01</td>
</tr>
<tr>
<td>Miscellaneous other expenses*</td>
<td>0.01</td>
</tr>
<tr>
<td>Total other expenses</td>
<td>0.31</td>
</tr>
<tr>
<td>Total annual fund operating expenses</td>
<td>0.45</td>
</tr>
<tr>
<td>Fee waiver*</td>
<td>(0.01)</td>
</tr>
<tr>
<td>Total annual fund operating expenses (after fee waiver)</td>
<td>0.44</td>
</tr>
</tbody>
</table>

*The fund’s investment adviser, BNY Mellon Investment Adviser, Inc., has agreed in its management agreement with the fund to: (1) pay all of the fund’s expenses, except management fees, fees pursuant to any services plan adopted by the fund and certain other expenses, including the fees and expenses of the independent board members and independent counsel to the fund and the independent board members, and (2) reduce its fees pursuant to the management agreement in an amount equal to the fund’s allocable portion of the fees and expenses of the independent board members and independent counsel to the fund and the independent board members (in the amount of 0.01% for the past fiscal year). These provisions in the management agreement may not be amended without the approval of the fund’s shareholders.

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>Premier Shares</td>
<td>$45</td>
<td>$141</td>
<td>$246</td>
</tr>
</tbody>
</table>
Principal Investment Strategy

The fund pursues its investment objective by investing only in U.S. Treasury securities, repurchase agreements collateralized solely by U.S. Treasury securities, and cash. 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.

The fund is a "government money market fund," as defined in Rule 2a-7, and as such is required to invest at least 99.5% of its total assets in securities issued or guaranteed as to principal and interest by the U.S. government or its agencies or instrumentalities, repurchase agreements collateralized solely by cash and/or government securities, and cash. The fund normally invests at least 80% of its net assets in U.S. Treasury securities and repurchase agreements collateralized solely by U.S. Treasury securities (i.e., under normal circumstances, the fund will not invest more than 20% of its net assets in cash or repurchase agreements collateralized by cash), and typically invests exclusively in such securities.

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 currently is not permitted to impose a fee upon the sale of shares (a "liquidity fee") or temporarily suspend redemptions (a redemption "gate") under distressed conditions as some other types of money market funds are, and the fund's board has no intention to impose a liquidity fee or redemption gate. 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.

- **U.S. Treasury securities risk.** A security backed by the U.S. Treasury or the full faith and credit of the United States is guaranteed only as to the timely payment of interest and principal when held to maturity, but the market prices for such securities are not guaranteed and will fluctuate.

- **Repurchase agreement counterparty risk.** The fund is subject to the risk that a counterparty in a repurchase agreement could fail to honor the terms of the agreement.

- **Management risk.** The investment process used by the fund's portfolio managers could fail to achieve the fund's investment goal and cause your fund investment to lose value.

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 Premier shares from year to year. The table shows the average annual total returns of the fund's Premier 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.
The year-to-date total return of the fund's Premier shares as of June 30, 2019 was 0.99%.

Portfolio Management

The fund's investment adviser is BNY Mellon Investment Adviser, Inc.

Purchase and Sale of Fund Shares

The fund is designed for institutional investors. In general, the fund's minimum initial investment is $250 million, with no minimum subsequent investment, unless: (a) the investor has invested at least $250 million in the aggregate among the fund and any of the Dreyfus Cash Advantage Funds, Cash Management Funds, Institutional Liquidity Funds, or Institutional Preferred Funds; or (b) the investor has, in the opinion of BNY Mellon Institutional Services, adequate intent and availability of assets to reach a future aggregate level of investment of $250 million in such funds. You may sell (redeem) your shares on any business day by telephone or compatible computer facility.

Tax Information

The fund's distributions are taxable as ordinary income or capital gains, except when your investment is through a U.S. tax-advantaged investment plan (in which case you may be taxed upon withdrawal of your investment from such account).

Distributions paid by the fund may include a return of capital. The amount of the fund's distribution, if any, that constitutes a return of capital represents a return of your original investment in fund shares. The portion of any distribution treated as a return of capital will not be subject to tax currently, but will result in a corresponding reduction in your cost basis in the fund's shares. Distributions in excess of your adjusted tax basis in your fund shares are generally treated as capital gains.

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.