

Fidelity® Cash Management Account

This document describes the features, policies, fees, and risks associated with your Fidelity® Cash Management Account. The first section is the agreement, or contract, for your account, which includes a description of the FDIC-Insured Deposit Sweep Program. The second section includes a copy of the current fee schedule and other account-related information. Please review this document and keep it for your records. Do not mail it in with your application.

CUSTOMER AGREEMENT

About This Agreement

An introduction that includes a summary of Fidelity's responsibilities and the responsibilities you agree to accept in using your account.

Account Features

Descriptions of the features included with your account and additional features offered.

Account Policies

Information on policies that affect how your account works, how orders are processed, and other account functions.

Disclosures

This section includes information on liability, certain regulations, and predispute arbitration.

Fidelity Cash Management Account FDIC-Insured Deposit Sweep Program Disclosure Document

ADDITIONAL INFORMATION

Fees

Fidelity's fees for various features and services.

Privacy Notice

Notices



FIDELITY® CASH MANAGEMENT ACCOUNT AGREEMENT

Things to Know Before Using Your Account

The Fidelity® Cash Management Account is an alternative for your spending and short-term savings needs. The Fidelity® Cash Management Account offers the ability to purchase and hold mutual funds, CDs, and other short-term instruments in addition to FDIC-eligible cash core.

As the account owner, you are responsible for monitoring your account and for all decisions and instructions concerning your account, including any securities you buy, sell, or hold in your account. Before you start using your account or any account feature, it's essential that you understand the terms, conditions, and policies that apply. A joint owner can make transactions in a joint account (including removing all the assets) without the approval of the other owner(s) and without any obligation on Fidelity's part to question the action.

There are certain situations in which it is essential that you get in touch with us.

You need to tell us immediately if any of the following occur:

- You notice incorrect or suspicious account activity.
- Your financial circumstances or goals change.
- You become subject to laws or regulations concerning corporate insiders, the reporting of certain investments, or employment in the securities industry.

Disputes between you and Fidelity are settled by arbitration.

Since this is a brokerage account, the parties agree to waive their rights to sue in court, and agree to abide by the findings of an arbitration panel established in accordance with a brokerage industry self-regulatory organization.

How to Contact Us

For account-related matters, including questions, changes, and notifications of errors, reach us:

By Phone

800-544-6666

Online

Fidelity.com

In Writing

Fidelity Investments
Client Services
P.O. Box 770001
Cincinnati, OH 45277-0045

Who's Who in This Agreement

In this document, "Fidelity," "us," and "we" include Fidelity Brokerage Services LLC ("FBS"), and National Financial Services LLC ("NFS"), and their employees, agents and representatives, as the context may require. "You" and "account owner" refer to the owner(s) indicated on the account application; for any account with more than one owner or authorized person (such as a joint or trust account), "you" and "account owner" or "account owners" refer to all owners, collectively and individually.

About This Agreement

Fidelity's Commitments to You

Under this agreement, Fidelity has certain rights and responsibilities. When we accept your account application, we are agreeing to maintain an account for you. We also agree to serve as your broker and to provide various services and features, as described on the following pages.

Your Commitments to Fidelity

Many of these commitments are spelled out more completely on the following pages, but, in general, when you sign the account application, you agree:

- to accept full responsibility for the content and accuracy of all authorized instructions placed on your account, for all results and consequences of these instructions, and for all instructions placed by you or any other person you authorize
- to maintain enough assets in your account to satisfy all obligations as they become due, and to understand that we may take whatever steps we consider necessary to resolve unpaid debts or other obligations
- to use the account and its features according to this agreement and for your own personal purposes only
- to use from time to time the account or some other account with us that is linked or used as a complement to your Fidelity Cash Management Account to buy, sell, or hold securities
- if you use any of our electronic services or if you provide us with your e-mail address, to have your personal financial information transmitted electronically, and to receive your initial notice of our privacy policy electronically
- to keep secure your account number, username, password, and any devices, such as mobile phones or pagers, you use in connection with your account
- to let us monitor and/or record any phone conversations with you
- to let us verify the information you provide and obtain credit reports and other credit-related information about you at any time, such as payment and employment information, and to permit any third-party financial services provider providing services for this account to do likewise
- to resolve disputes concerning your relationship with us (other than class actions) through arbitration rather than in a court of law
- if applying for any other optional features or services, to understand and accept the terms associated with them
- to protect Fidelity against losses arising from your usage of market data and other information provided by third parties
- to understand that, whenever you invest in, or exchange into, any mutual fund, you are responsible for reading that fund's prospectus, including its description of the fund, the fund's fees and charges, and the operation of the fund
- to notify us in writing any time there is a material change in your financial circumstances or investment objectives
- to be bound by the current and future terms of this agreement, from the time you first use your account or sign your application, whichever happens first

- to pay all fees, charges, and expenses incurred on your account, according to the fee schedule in effect at the time (a current schedule is provided with this agreement); for services we perform at your request that are not covered in our current fee schedule, you agree to pay the applicable fee

Account Features

The Fidelity Cash Management Account offers a range of integrated financial services. Certain features and services are included with your account. Additional features may be added either when you open your account or later. Features and associated fees may vary depending on your relationship with Fidelity.

Standard Features

The features below come standard with your Fidelity Cash Management Account.

For more information on these features, please visit Fidelity.com/cashmanagement. Also, please note that each of the features offered below is subject to the approval of Fidelity Investments and/or the third-party provider of the specified service.¹

¹ *Fidelity may share the following pieces of information (as available): account owner name, address, phone number(s), Social Security number, date of birth, and Fidelity Cash Management Account number with PNC Bank, N.A., for the Fidelity Visa® Gold Check Card, and with Fiserv for the Fidelity BillPay® service.*

Industry regulations require that Fidelity Brokerage Services LLC (FBS) and its clearing firm, National Financial Services LLC (NFS), allocate between them certain functions regarding the administration of your account. The following is a summary of the allocation of those functions performed by FBS and NFS.

FBS is responsible for:

- (1) Obtaining and verifying account information and documentation.
- (2) Opening, approving, and monitoring trading and other activity in your account.
- (3) Accepting orders and other instructions from you regarding your account, and for promptly and accurately transmitting those orders and instructions to NFS.
- (4) Determining the suitability of investment recommendations and advice, and that those persons placing instructions for your account are authorized to do so. NFS will not give you advice about your investments and will not evaluate the suitability of investments made by you, your investment representative, or any other party.
- (5) Operating and supervising your account and its own activities in compliance with applicable laws and regulations, including compliance with federal, industry, and NFS margin rules pertaining to your margin account and for advising you of margin requirements.
- (6) Maintaining the required books and records for the services it performs.
- (7) Investigating and responding to any questions or complaints you have about your account(s), confirmations, your periodic statements, or any other matter related to your account(s). FBS will notify NFS with respect to matters involving services performed by NFS.

NFS is responsible, at the direction of FBS, for:

- (1) The clearance and settlement of securities transactions.
- (2) The execution of securities transactions, in the event NFS accepts orders from FBS.
- (3) Preparing and sending transaction confirmations and periodic statements of your account (unless FBS has undertaken to do so).
- (4) Acting as custodian for funds and securities received by NFS on your behalf.
- (5) Following the instructions of FBS with respect to transactions and the receipt and delivery of funds and securities for your account.
- (6) Extending margin credit for purchasing or carrying securities on margin.

- (7) Maintaining the required books and records for the services it performs.

Checkwriting

Unlimited, free checkwriting is available through your Fidelity Cash Management Account. All registered owners requesting checkwriting must complete and sign a checkwriting form. Previously completed checkwriting forms for any other accounts in your name may not be used in conjunction with this account. Checks paid will be reported on your account statement. Note that cancelled checks are not returned to you, although check imaging may be available should you prefer to receive your statements in the mail. You can indicate your preference for check images now on the Fidelity Cash Management Account Application or later on the checkwriting form.

If you view your account statements online, you can click on links of cleared checks within the section for Fidelity Cash Management Account to view an image of these checks.

Fidelity Visa® Gold Check Card (Debit/ATM)

Fidelity currently covers the annual fee for the *Fidelity Visa® Gold Check Card* debit card. This card is issued by PNC Bank, N.A., and administered by BNY Mellon Investment Servicing Trust Company, neither of which is affiliated with Fidelity Investments. The Fidelity Check Card Agreement and Disclosure Statement will accompany your debit card. With this debit card, you can make withdrawals from any ATM machine displaying the Visa®, Plus®, or Star® logos or make purchases wherever Visa is accepted. All Fidelity ATM withdrawal fees will be waived. In addition, your Fidelity Cash Management Account will be reimbursed for ATM fees charged by other institutions wherever your card is accepted. Reimbursement will be credited the same day the ATM fee is debited from your account. Use of the card and right to reimbursements are subject to Fidelity's policy on abusive and excessive use of features, explained in this agreement. Please note that there is a foreign transaction fee of 1% that is not waived, which will be included in the amount charged to your account.

Please see the Fidelity Check Card Agreement and Disclosure Statement for additional information on the use of the card. The third-party trademarks appearing herein are the property of their respective owners.

Fidelity BillPay®

Fidelity BillPay® is a free service that allows you to easily manage your bills via Fidelity.com. You can set up one-time, future-dated, and recurring payments. The "Quick Add" feature allows you to easily add many payees by simply entering a phone number. The service offers quicker payment options, including "Same Day" and "Next Day" processing for certain bills. You can also sign up to receive eBills (electronic versions of your bills), alerts, and bill reminders to inform you of upcoming bills.

Please see the separate Fidelity BillPay® Service Agreement at Fidelity.com/goto/billpay for complete details.

Statements

We will send an account statement to the address of record:

- every calendar quarter, at a minimum
- for any month when you have cash management or, possibly, trading activity

Your account statements will show all activity in your account for the stated period, including cash balances, credits, debits to your core position, and any securities transactions, as well as all fees paid directly from your account.

To receive your account statements and confirmations faster, you can arrange to have them delivered electronically instead of through the mail. This option is free, and you can switch to or from it at any time upon request.

Additional Features

Transferring Money Electronically

Fidelity offers two methods to transfer money electronically between your Fidelity Cash Management Account and an eligible bank or financial institution.

Electronic Funds Transfer (EFT) allows you to transfer money on a one-time or recurring basis between your Fidelity Cash Management Account and an eligible bank or financial institution. To use this service, you must first provide instructions to link your Fidelity account to your external account(s). Fidelity does not charge a fee for this service, but your institution may.

Bank wires allow you to request one-time transfers of cash between your Fidelity Cash Management Account and an eligible bank or financial institution. Fidelity may charge a fee to send a wire, as explained in the Additional Information (Fees) section. Also, other institutions may charge a fee to send or receive a wire.

Direct Deposit

Direct deposit allows you to have all or a portion of your paycheck or other regular payment deposited electronically into your Fidelity Cash Management Account. Direct deposit must be established at the payment initiator such as your employer. Please visit [fidelity.com/depositincome](https://www.fidelity.com/depositincome) for forms and additional information.

Accessing Your Account

There are a variety of ways in which you can access your account, place an order, get market and investment information, or contact Fidelity. Online choices include [Fidelity.com](https://www.fidelity.com), alerts, and other interactive services for computers and handheld devices. Some of these services are offered by Fidelity directly; others are offered by outside providers.

Telephone choices include Fidelity Automated Service Telephone (FAST®) as well as Fidelity's telephone representatives. Both services are generally available 24 hours a day, 7 days a week. Please note that our telephone lines may be recorded, and, by signing the account application, you are consenting to such recording. If you do not wish to be recorded, you should contact Fidelity via another means. You can also speak with a Fidelity Representative in person, during business hours, at any of our Fidelity Investor Centers around the country.

Account Policies

Account Registration

Joint Registration

With joint registration accounts, any obligations or liabilities resulting from one account owner's actions are joint and several (i.e., are the responsibility of each account owner, both individually and jointly). We may enforce this agreement against all account owners or against any owner individually. Each owner of a joint account may act as if he or she were the sole owner of the account, with no further notice or approval necessary from any joint owner. For example, a joint owner can write checks, withdraw assets, transfer assets into or out of the account, arrange for account statements to be sent only to him or her, view all historical account documents, or change the account's features and services (although no account owner may remove another's name from the account). A joint owner can also buy and sell securities.

In addition, with joint accounts, the principle of "notice to one is notice to all" applies. We are legally considered to have fulfilled an obligation to the account if we fulfill it with respect to just one account owner (e.g., sending statements or other required communications to just one account owner).

Note also that we have no obligation to question the purpose or propriety of any instruction of a joint account owner or authorized

person that appears to be authentic, or to let other owners know about any changes an owner has made to the account, unless we have received written notice to the contrary, from an authorized person and in good order, at the address referenced earlier under "How to Contact Us." We do reserve the right to require, at any time, the written consent of all account owners and/or authorized persons before acting on an instruction from any account owner or authorized person, but we use this right only at our own discretion and for our own protection.

Laws covering joint or community property vary by state. You are responsible for verifying that the joint registration you choose is valid in your state. You may want to consult an attorney if you have specific circumstances or questions. For joint tenants with rights of survivorship on the death of an account owner, the entire interest in the account generally goes to the surviving account owner(s), on the same terms and conditions. For tenants in common, a deceased account owner's interest (which equals that of the other account owner's unless specified otherwise) goes to that account owner's legal representative. Tenants in common are responsible for maintaining records of the percentages of ownership.

Trust Accounts

Applying for a trust account is considered to be a statement from the trustees that they are authorized, under the terms of the trust and applicable law, to open a Fidelity Cash Management Account, make transactions, add or change any account features, and direct trading and other activities, on behalf of the trust; that their transactions will be governed by the terms and conditions of all applicable trust agreements; and that Fidelity is authorized to accept instructions from any of the trustees. Applying for a trust account is also considered to be a statement that all trustees certify that Fidelity can rely on instructions from any one trustee to represent the unanimous consent of all trustees for actions taken on this account. All trustees on the account may be required to complete and sign the Fidelity Trustee Certification Form.

Account Usage

First Use of FDIC-Insured Deposit Sweep Program

Making your first deposit into your Fidelity Cash Management Account is your acknowledgment that you have read the full disclosure for the FDIC-Insured Deposit Sweep Program, as defined in the "Fidelity Cash Management Account FDIC-Insured Deposit Sweep Program Disclosures" document.

Prohibited Uses and Actions

You are strictly prohibited from using your account in conjunction with any business as a broker-dealer, trader, agent, or advisor in any type of security, commodity, future, or contract, or in any business or organization connected with individuals performing these functions. You are also prohibited from publicizing or sharing with anyone any information you obtain through your account (such as securities quotes). In addition, be aware that we may freeze your account or suspend certain privileges, features, or services at any time without notice.

Intended Use

It is expected that your Fidelity Cash Management Account be used for holding short-term assets for spending and short-term savings purposes. As a brokerage account, it provides the opportunity to purchase a range of short-term investment vehicles that may be suitable for these purposes, including money market or other mutual funds, CDs, and fixed-income instruments.

How Transactions Are Settled

Credits to Your Account

Cash that you place in your Fidelity Cash Management Account will be held in a core position called the "FDIC-Insured Deposit Sweep"

(the "Sweep"). Any new deposits or proceeds from transactions in your Fidelity Cash Management Account are automatically credited daily into your core position. Funds held in the core position that are available on the next business day (not including bank holidays and New York Stock Exchange holidays) (the "Cash Balance") will become eligible for FDIC insurance when the Cash Balance is deposited into ("swept into") an FDIC-insured interest-bearing account (the "Program Deposit Account") at a participating bank (each a "Program Bank"). Once your Cash Balance has been swept into a Program Bank, it is referred to as your "Program Deposit." Your Program Deposit is also automatically withdrawn from ("swept out of") a Program Deposit Account back into your Fidelity Cash Management Account as necessary. Your Program Deposit will earn interest, provided that the accrued interest for a given day is at least half a cent. For more information on the sweep program, please refer to the Fidelity Cash Management Account FDIC-Insured Deposit Sweep Program Disclosures document.

Each check deposited is promptly credited to your account. However, the money may not be available until up to four business days later, and we may decline to honor any debit that is applied against the money before the deposited check has cleared.

If a deposited check does not clear, the deposit will be removed from your account, and you are responsible for returning any interest you received on it. Note that we can only accept checks denominated in U.S. dollars and drawn on a U.S. bank account (including a U.S. branch of a foreign bank). A check sent to Fidelity that is payable to someone other than an account owner or a division of Fidelity Investments is considered a third-party check. We do not accept third-party checks. In addition, we may restrict assets in your account if we have reason to believe that such assets were incorrectly credited to your account.

Debits to Your Account

All debit items are paid daily to the extent that sufficient funds are available. Note that debits for the payment of any account service fees owed to Fidelity will be given priority over other debits, such as checks or debit card transactions.

As an account owner, you are responsible for satisfying all debits on your account, including any debit balance outstanding after all assets have been removed from an account, and any costs (such as legal fees) that we incur in collecting the debit.

To help ensure the proper discharge of debits, it is our policy to turn to the following sources, in this order, when settling debits against your account:

- any money that is added to your account (such as checks, interest, or transaction proceeds) on the same day the debit is applied
- any money in your account's core position (sweep)
- any shares in a Fidelity money market fund, including any in another nonretirement account with the same registration (which you authorize us to sell for this purpose when you sign the application)
- any securities in any other account at Fidelity in which you have an interest

For more information on your Cash Balance, please refer to the Fidelity Cash Management Account FDIC-Insured Deposit Sweep Program Disclosures document.

Resolving Unpaid Obligations or Other Obligations

If the sources listed above in "Debits to Your Account" (which are defined as your "available balance" for purposes of this agreement) are not enough to satisfy a given debit, we reserve the right to decline to honor the debit, which may result in fees (such as a returned check fee) or other consequences for you.

Note that at any time we may reduce your available balance to cover obligations that have occurred but have not yet been debited, including but not limited to withholding taxes that should have been deducted from your account.

It is important to understand that we do have additional choices for resolving unsatisfied obligations. Like many other securities brokers,

we reserve the right to sell or otherwise use assets in an account to discharge any obligations the account owner(s) may have to us (including unmaturing and contingent obligations), and to do so without further notice or demand. For example, if you have bought securities but not paid for them, we may sell them ourselves and use the proceeds to settle the purchase.

We may also use property to satisfy an obligation, whether or not we have made advances in connection with this property. This provision extends to any property held by you or carried for any account of yours, including any credit balances, assets, and contracts, as well as shares of any mutual funds or other investment companies for which Fidelity or an affiliate provides management or administrative services.

Although Fidelity may use other methods when it determines they may be more appropriate, Fidelity reserves the right to use the provisions described in this section at any time, except in cases involving retirement accounts when these provisions would conflict with the Employee Retirement Income Security Act of 1974 (ERISA) or the Internal Revenue Code of 1986, both as amended.

Policies on Optional Features

Fidelity Visa® Gold Check Card and Fidelity BillPay® Service

These features are available with Fidelity Cash Management Accounts that have individual or joint registrations. Some debit cards may be available for trust registrations. On joint accounts, a co-owner may apply for an additional debit card in his or her own name. As an account owner, you are responsible for all usage of these features.

Each of these features is covered by its own customer agreement, which collectively are incorporated herein by reference (are legally considered part of this agreement). The appropriate agreement will be provided to you when you apply for a feature. For each feature you choose, it is your responsibility to understand the terms of its agreement before you begin using the feature. In the case of a debit card, it is also your responsibility to advise any other cardholders on your account that these agreements will apply to them.

Total debit card and Fidelity BillPay® transactions generally are limited to your available balance. Debit card purchase and transaction limits may apply and are outlined in the Fidelity Check Card Agreement and Disclosure Statement.

Note that on any account, we typically reduce your available balance at the time you make a debit card transaction, rather than waiting for the transaction to be posted to your account.

Electronic Funds Transfers (EFTs) and Bank Wires

Electronic funds transfers (EFTs) are normally completed within three business days of your request. Money deposited via EFT is normally not available for withdrawal for four to six business days. An electronic funds transfer may be for between \$10 and \$100,000. For the EFT feature to be established, at least one common name must match exactly between your Fidelity and bank accounts. To send and receive EFT transactions, your bank must be a member of the Automated Clearing House (ACH) system.

Bank wire transfers to your bank are normally processed the same day, depending on the time received. A wire normally may be for between \$10,000 and \$999,999.

For electronic fund transfers, you hereby grant us limited power of attorney for purposes of liquidating any cash in your accounts (with the right to make any necessary substitutions), and direct us to accept any orders to make payments to an authorized bank account and to fulfill these orders through the liquidation of cash in your account. You agree that the above appointments and authorizations will continue until we receive written notice of any change, although we may cease to act as agents to the above appointments on 30 days' written notice to your account's address of record. You further understand that Fidelity may notify you electronically or by phone when the EFT feature is set up or EFT transactions are initiated on your account.

Abusive and Excessive Use of Features

Fidelity reserves the right to revoke account features for usage that Fidelity, at its sole discretion, deems to be abusive or excessive.

Examples of such behavior include but are not limited to:

- Performing or allowing transactions in which you or a related party receive financial benefit at the expense of Fidelity or its provider(s)
- Excessive ATM fees as a result of multiple, small withdrawals in a 24-hour period
- Allowing a person who is not a listed owner of your Fidelity Cash Management Account to use features such as your debit card or checkwriting
- Using the Fidelity Cash Management Account in a manner other than its stated intended use

Closing Your Account

We can close your account, or terminate any optional feature, at any time, for any reason, and without prior notice. You can close your account, or terminate any optional feature, by notifying us in writing or calling us on a recorded line. We may automatically close accounts with zero balances.

Regardless of how or when your account is closed, you will remain responsible for all charges, debit items, or other transactions you initiated or authorized, whether arising before or after termination. Note that a final disbursement of assets may be delayed until any remaining issues have been resolved.

If your account has a balance of less than \$100 and no account activity has occurred for a six-month period, you authorize Fidelity to liquidate the assets in the account, send a check for all the proceeds and any other cash to your address of record, and close your account.

Monitoring Your Account and Notifying Us of Errors

As an account owner, you are responsible for monitoring your account. This includes making sure that you are receiving account statements and any other expected communications. It also includes reviewing these documents to see that information about your account is accurate and contains nothing suspicious.

Note that so long as we send communications to you at the physical or electronic address of record given on the application, or to any other address given to us by an authorized person, the communications are legally presumed to have been delivered, whether you actually receive them or not. In addition, confirmations and statements are legally presumed to be accurate unless you specifically tell us otherwise.

If you have not received a communication you expected, or if you have a question or believe you have found an error in any communication from us, telephone us immediately, then follow up with written confirmation.

You agree to notify us immediately if:

- you received confirmation of an order you did not place, or any similar conflicting report
- there is any other type of discrepancy or suspicious or unexplained occurrence relating to your account
- your personal identification number (PIN) or access device is lost or stolen, or you believe someone has been using it without authorization

If any of these conditions occurs and you fail to notify us immediately, neither we nor any other Fidelity affiliate will be liable for any consequences. If you do immediately notify us, our liability is limited, as described in this agreement.

With any feature or service that is governed by a separate agreement (such as a debit card agreement), note that different policies

concerning error resolution and liability may apply, as described in the separate agreement.

If, through any error, you have received property that is not rightfully yours, you agree to notify us and return the property immediately.

Complying with Applicable Laws and Regulations

In keeping with federal and state laws, and with securities industry regulations, you agree to notify us in writing if any of the following occurs (with all terms in quotes defined as being within the meaning of the Securities Act of 1933):

- if you are, or later become, an “affiliate” or employee of a stock exchange, a member firm of an exchange or the Financial Industry Regulatory Authority (FINRA), a municipal securities dealer, or Fidelity or any Fidelity “affiliate”
- if you are, or later become, an “affiliate” or “control person” with respect to any security held in your account
- if any transactions in your account regarding securities whose resale, transfer, delivery, or negotiation must be reported under state or federal laws

You also agree to:

- ensure that your account transactions comply with all applicable laws and regulations, understanding that any transaction subject to special conditions may be delayed until those conditions are met
- comply with all policies and procedures concerning “restricted” and “control” securities that we may require
- comply with any insider trading policies that may apply to you as an employee or “affiliate” of the issuer of a security

We will assume that any securities or transactions in your account are not subject to the laws and regulations regarding “restricted” and “control” securities unless you specifically tell us otherwise.

Limits to Our Responsibility

Although we strive to ensure the quality and reliability of our services, including electronic services (such as online, wireless, and automated telephone services), neither we nor any third party whose services we arrange for is responsible for the availability, accuracy, timeliness, completeness, or security of any service related to your account.

You therefore agree that we are not responsible for any losses you incur (meaning claims, damages, actions, demands, investment losses, or other losses, as well as any costs, charges, attorneys’ fees, or other fees and expenses) as a result of any of the following:

- cancellation of an accepted trade in which Fidelity reasonably determines, in its sole discretion, that there was a data, clerical, or other similar error in the handling or processing of the trade, including, but not limited to, situations where a third-party caused such error
- the acceptance and processing of any order placed on your account, whether received electronically or through other means, so long as the order reasonably appears to be authentic
- cancellation of an accepted/executed trade when dealers and/or contra-parties notify Fidelity that they are unable to deliver the bonds because the order was filled in error
- investment decisions or instructions placed on your account, or other such actions attributable to you or any authorized person
- occurrences related to governments or markets, such as restrictions, suspensions of trading, or high market volatility or trading volumes
- uncontrollable circumstances in the world at large, such as wars, earthquakes, power outages, or unusual weather conditions
- occurrences related to computers and communications, such as a

network or systems failure, a message interception, or an instance of unauthorized access or breach of security

- with respect to electronically provided market data or other information provided by third parties, any flaw in the timing, transmission, receipt, or substance (such as any inaccuracy, error, delay, omission, or sequence error, any nonperformance, or any interruption of information), regardless of who or what has caused it to occur
- the storage and use of information about you and your account(s) by our systems and transmission of this information between you and us; these activities occur entirely at your risk
- the usage of information received by you or us through any electronic services
- telephone requests for redemptions, so long as we transmit the proceeds to you or the bank account number identified
- difficulties receiving information or accessing your account that are due to the equipment you use, including difficulties resulting from technical incompatibilities, malfunctions, inherent limitations, or interruptions in service
- any checks or other debits to your account that are not honored because the account has insufficient funds

If any service failure is determined to be our responsibility, we will be liable only for whatever benefit you would have realized up to the time by which you should have notified us, as specified earlier in "Monitoring Your Account and Notifying Us of Errors."

Indemnification

You agree to indemnify us from, and hold us harmless for, any losses (as defined in "Limits to Our Responsibility") resulting from your actions or failures to act, whether intentional or not, including losses resulting from actions taken by third parties.

If you use any third-party services or devices in connection with your account (such as Internet service or wireless devices), all service agreements and payments for these are your responsibility. Rates and terms are set by the service providers and are not Fidelity's responsibility.

Note that beyond taking reasonable steps to verify the authenticity of instructions, we have no obligation to inquire into the purpose, wisdom, or propriety of any instruction we receive.

Terms Concerning This Agreement

Applicability

This agreement is the only agreement between you and us concerning its subject matter, and covers all accounts that you, at whatever time, open, reopen, or have opened with us. In addition, if you have already entered into any agreements concerning services or features that relate to this account (such as the usage agreement for Fidelity.com), or if you do so in the future, this agreement incorporates by reference the terms, conditions, and policies of those agreements. In the case of any conflict between this agreement and an agreement for a particular service or feature, the service or feature agreement will prevail.

Governing Laws and Policies

This agreement and its enforcement are governed by the laws of the Commonwealth of Massachusetts, except with respect to its conflicts-of-law provisions.

All transactions through Fidelity are subject to the rules and customs of the marketplace where they are executed, as well as to applicable state and federal laws. In addition, the services below are subject to the following laws and policies:

- Securities trades: any Fidelity trading policies and limitations that are in effect at the time

- Online services: the license or usage terms posted online
- Checkwriting: the applicable provisions of the Uniform Commercial Code and the terms governing the service

Modification and Enforcement

We may amend or terminate this agreement at any time. This may include changing, dropping, or adding fees and policies, changing features and services or the entities that provide them (such as the bank that provides clearing services for checkwriting), and limiting the usage or availability of any feature or service, within the limits of applicable laws and regulations. Although it is our policy to send notice to account owners of any material changes, we are not obligated to do so in most cases. Outside of changes originating in these ways, no provision of this agreement can be amended or waived except in writing by an authorized representative of Fidelity.

Fidelity may transfer its interests in this account or agreement to any of its successors and assigns, whether by merger, consolidation, or otherwise. You may not transfer your interests in your account or agreement (including de facto transferral by giving a nonowner access to the account using a password) except with the prior written approval of Fidelity, or through inheritance, corporate dissolution, or similar circumstance, as allowed by law, in which case any rights and obligations in existence at the time will accrue to, and be binding on, your heirs, executors, administrators, successors, or assigns.

We may enforce this agreement against any and all account owners. In addition, any securities exchanges or associations that provide information to you through your account may enforce the terms of this agreement directly against you. Although we may not always enforce certain provisions of this agreement, we retain our full right to do so at any time.

If any provision of this agreement is found to be in conflict with applicable laws, rules, or regulations, either present or future, that provision will be enforced to the maximum extent allowable, or made to conform, as the case may be. However, the remainder of this agreement will remain fully in effect.

Fidelity may use the electronically stored copy of your (or your agent's) signature, any written instructions or authorizations, the account application, and this agreement as the true, complete, valid, authentic, and enforceable record, admissible in judicial, administrative, or arbitration proceedings to the same extent as if the documents and records were originally generated and maintained in printed form. You agree to not contest the admissibility or enforceability of the electronically stored copies of such documents in any proceeding between you and Fidelity.

Things to Know If You Trade or Hold Securities in Your Fidelity Cash Management Account

Trading in your account involves risks for which you assume full responsibility

Placing orders during times when markets are volatile can be risky, particularly when you are using electronic services to access information or to place orders through your Fidelity Cash Management Account.

A joint owner can place any order in a joint account (including removing all the assets) without the approval of the other owner(s) and without any obligation on Fidelity's part to question the action.

Commitments to and from Fidelity

When you sign the account application, you are also agreeing:

- to accept full responsibility for the content and accuracy of all authorized instructions placed on your account and for all results and consequences of these instructions; this includes all investment decisions and trading orders, and all instructions placed by you or any other person you authorize
- to understand that, whenever you invest in, or exchange into, any mutual fund, you are responsible for obtaining and reading that fund's prospectus, including its description of the fund, the fund's fees and charges, and the operation of the fund

We agree to serve as your broker and, subject to our acceptance of an authorized order, to buy, sell, or otherwise dispose of securities for you according to your instructions.

Features

Securities Trading

Because the Fidelity Cash Management Account is a brokerage account, it allows for trading and holding of many securities that are publicly traded in the United States, such as most securities in these categories:

- stocks, including common and preferred
- bonds, including corporate, municipal, and government
- convertible securities
- mutual funds, including Fidelity funds, non-Fidelity funds, and closed-end funds such as exchange-traded funds (ETFs)
- certificates of deposit (CDs)
- unit investment trusts (UITs)

In addition, the account can be used to trade certain foreign securities (either directly or as depository receipts) and precious metals. Fidelity may make non-personal historical trading data available to institutional clients on an aggregate basis for analysis purposes (such as trending). Some investments that cannot be traded through your Fidelity Cash Management Account are futures, commodities, and currencies.

When you place a trade, you may have a choice of order types, including market orders, limit orders, stop orders, and stop-limit orders. To find out how these different types of orders work, and for other helpful information, go to [Fidelity.com/brokerage](https://www.fidelity.com/brokerage). Margin and Option features are not allowed on the Fidelity Cash Management Account.

Trading Confirmations

We will send a confirmation for every securities transaction in your account. The only exceptions are automatic investments, automatic withdrawals, dividend reinvestments, and transactions that involve only your core position; for these activities, your regular account statement serves in place of a confirmation.

Account Protection

Any securities that may be held in your account are protected in accordance with the Securities Investor Protection Corporation (SIPC) for up to \$500,000 (including up to \$250,000 of cash balances that have not yet been received by a Program Bank or that have been withdrawn from a Program Bank). We also provide additional coverage above these limits. Neither coverage protects against a decline in the value of your securities, nor does either coverage extend to certain securities that are considered ineligible for coverage. For more details on SIPC, or to request a SIPC brochure, visit [sipc.org](https://www.sipc.org) or call 202-371-8300.

Dividend Reinvestment

In addition to reinvestment of mutual fund dividends, reinvestment of dividends from eligible equities and closed-end funds is an option for most Fidelity accounts, including retirement accounts and those with margin. You can choose to have the service apply to all eligible securities in your Fidelity Cash Management Account, or only to certain ones. You can request this feature by phone or in writing (for all securities or for individual ones).

Account Policies Regarding Trading

Account Usage

Limits on Mutual Fund Trades

Because excessive trading in mutual fund shares can be detrimental to a fund and its shareholders, we may block account owners or accounts that engage in excessive trading from making further transactions in fund shares. A block on trading fund shares may be temporary or permanent, and may apply only to certain mutual funds or to all mutual funds, including Fidelity funds.

The decision to impose a block may originate with a mutual fund company or may be made by Fidelity at the brokerage account level, if Fidelity believes such a block is warranted. To see a given fund company's definition of "excessive trading," check the fund's prospectus.

In addition, we may restrict or limit any transaction in any mutual fund or other investment company that we or an affiliate manages or advises if we believe the transaction could adversely affect the investment company or its shareholders.

Transaction Settlement Deadlines

Generally, you need to pay for all transactions or deliver all securities by 2 p.m. Eastern time on the settlement date. We reserve the right to cancel or liquidate, at your risk, any transaction not settled in a timely way.

Dividend Reinvestment

With this feature, all dividends paid by eligible securities that you designate for reinvestment are automatically reinvested in additional shares of the same security. (For purposes of the Dividend Reinvestment Program, "dividends" means cash dividends and capital gain distributions, late ex-dividend payments, and special dividend payments, but not cash-in-lieu payments.) In designating any eligible security for reinvestment, you authorize us to purchase shares of that security for your account.

To be eligible for this feature, a security must satisfy all of the following:

- be a closed-end fund, common stock, or foreign security (generally American depository receipts [ADRs])
- be margin eligible (as defined by NFS)
- be listed on the New York Stock Exchange or the American Stock Exchange (or one of their affiliated exchanges), or traded on the NASDAQ Stock Market
- be held in street name by NFS (or at a securities depository on its behalf)
- not be held as a short position

Dividends are reinvested on shares that satisfy all of the following:

- the security is eligible
- you own the shares on the dividend record date
- you own the shares on the dividend payable date (even if you sell them that day)
- your position in the security has been settled on or before the dividend record date
- the shares are designated for reinvestment as of 9 p.m. Eastern time on the dividend record date

Shares purchased through the Dividend Reinvestment Program will generally be placed in your account as of the dividend payable date. Note, however, that the stock price at which your reinvestment occurs is not necessarily the same as the price that is in effect on the dividend payable date. This is because we generally buy the shares of domestic companies three business days before the dividend payable date, at the market price(s) in effect at the time, in order to help ensure that we have shares on hand to place in your account on the dividend payable date. Other factors may require the purchase of the shares on a different business day, which may be before, on, or after the dividend payable date, e.g., dividends of foreign companies. Also, shares of securities that have an unusual ex-dividend date are purchased on the ex-dividend date and placed in your account on the first business day following the dividend payable date. Therefore, you may end up receiving more or fewer shares than if your dividend had been reinvested on the dividend payable date itself, particularly if there are significant changes in the market price of a security just before its dividend payable date. If several purchase transactions are necessary to reinvest your and other customers' dividends in a particular security, the price per share will be the weighted average price per share for all shares purchased. If sufficient shares are unavailable in the market to satisfy all customers' requirements for dividend reinvestment for a security, the dividend will not be reinvested.

Automatic reinvestments often involve purchase of fractional shares, calculated to three decimal places. Partial shares pay prorated dividends and can be sold if you sell your entire share position, and will be liquidated automatically in transfers and certain other situations, but otherwise typically cannot be sold.

Although for dividend reinvestments your regular account statement takes the place of a trade confirmation, you can generally obtain status information the day after the reinvestment date by contacting Fidelity.

If you transfer or reregister your account within Fidelity (for example, by changing from a Traditional IRA to a Roth IRA), you need to redesignate any securities whose dividends you want reinvested.

Wherever possible, we will buy reinvestment shares through a program offered by the Depository Trust Company (DTC) that offers a share price discount (generally up to 5%). To find out which securities are currently available through DTC, contact Fidelity. Note that the availability of any given security through this program may change without notice. Also note that DTC program transactions take longer to process: although the transactions are effective as of the dividend payable date, they are generally not posted to your account until 10 to 15 days later. If you sell your dividend-generating shares before the posting date, the dividend will not be reinvested.

Note that dividend reinvestment does not ensure a profit on your investments and does not protect against loss in declining markets.

Precious Metals

Precious metals are not covered by SIPC account protection, but are insured by the depository at market value if stored through us. When trading precious metals, note that because they can experience sudden and rapid price changes, they are risky as investments, and we cannot guarantee you an advantageous price when you trade them. If you take delivery of precious metals, delivery charges, sales and use taxes, and storage fees will apply.

Non-Transferable Securities

In the event that any securities in your account become non-transferable, NFS may remove them from your account without prior notice. Non-transferable securities are those where transfer agent services have not been available for six or more years. A lack of transfer agent services may be due to a number of reasons, including that the issuer of such securities may no longer be in business and may even be insolvent. NFS may remove non-transferable securities from your account pursuant to a Securities and Exchange Commission approved program that permits our custodian for these securities to no longer

maintain the physical certificates representing the positions in these securities. Please note the following:

- There are no known markets for these securities.
- We are unable to deliver certificates to you representing these positions.
- These transactions will not appear on Form 1099 or any other tax reporting form.
- If the position is held in a retirement account, we will not report the removal of the position as a taxable distribution, and any reinstatement of the position will not be reported as a contribution.
- If transfer agent services become available sometime in the future, NFS will use its best efforts to have the position reinstated in your account.
- Positions removed from your account will appear on your next available account statement following such removal as an "Expired" transaction.

By opening and maintaining an account with us, you consent to our actions as we have described them above, and you waive any claims against us arising out of such actions. You also understand that we do not provide tax advice concerning your account or any securities that may be the subject of removal from or reinstatement into your account, and you agree to consult your own tax advisor concerning any tax implications that may arise as a result of any of these circumstances.

Monitoring Your Account and Notifying Us of Trading Errors

As an account owner, you are responsible for monitoring your account. This includes making sure that you are receiving transaction confirmations and any other expected communications.

You agree to notify us immediately if:

- you placed an order electronically but did not receive a reference number for it (an electronic order is not considered received until we have issued an acknowledgment)
- you received confirmation of an order you did not place, or any similar conflicting report
- there is any other type of discrepancy or suspicious or unexplained occurrence relating to your account

Trading in Volatile Markets—Understand the Risks

Volatile markets can present higher trading risks, especially when you are using electronic services to access information or place orders. Ways to manage some of these risks include:

- Consider placing limit orders instead of market orders.

In certain market conditions or with certain types of securities offerings (such as IPOs and technology stocks), price changes may be significant and rapid during regular or after-hours trading. In these cases, placing a market order could result in a transaction that exceeds your available funds, meaning that Fidelity would have the right to sell other assets in your account. This is a risk especially in accounts that you cannot easily add money to, such as retirement accounts.

- Be aware that quotes, order executions, and execution reports could be delayed.

During periods of heavy trading or volatility, quotes that are provided as "real time" may be stale—even if they appear not to be—and you may not receive every quote update. Security prices can change dramatically during such delays.

- When cancelling an order, be sure your original order is actually cancelled before entering a replacement order.
Don't rely on a receipt for your cancellation order: that order may have arrived too late for us to act on.
- Use other ways to access Fidelity during peak volume times.
Phone or computer capacity limitations could mean delays in getting information or placing orders. If you are having problems with one method, try another. The chances of encountering these risks are higher for individuals using day-trading strategies. In part for this reason, Fidelity does not promote day-trading strategies. For more information on trading risks and how to manage them, visit Fidelity.com or contact Fidelity.

Disclosures

Service Providers

Brokerage account services are provided by NFS, an affiliate of FBS. Bonds may be traded through NFS (which may choose to act as principal or agent) or through external dealers. Services available through this account are the property of Fidelity or the third parties from which Fidelity has obtained rights. Market data provided by national securities exchanges or associations remain the property of those entities.

Should you choose to trade bonds in your Fidelity Cash Management Account, they may be traded through NFS (which may choose to act as principal or agent) or through external dealers.

Routing of Orders

FBS routes most customer orders to its affiliated broker-dealer, NFS, which in turn sends orders to various exchanges or market centers for execution. In deciding where to send an order, NFS looks at a number of factors, such as size of order, trading characteristics of the security, favorable execution prices (including the opportunity for price improvement), access to reliable market data, availability of efficient automated transaction processing, and execution cost. Some market centers may execute orders at prices superior to the publicly quoted market. Although you can instruct us to send an order to a particular marketplace, our order-routing policies are designed to result in transaction processing that is favorable for you. NFS reserves the right to wait for the primary exchange to open before commencing trading in a particular security.

Money Market Fund Investments

An investment in a money market fund is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other U.S. government agency. Although a money market fund seeks to preserve the value of your investment at \$1 per share, it is possible to lose money by investing in a money market fund.

Credit-Related Information

For the name and address of any credit reporting agency from which we or a third-party provider has obtained information about you, send a written request to us or the third-party provider, as applicable.

If you apply for a debit credit card, we may share information about you and other card applicants with card issuers, which are not affiliated with Fidelity. If you don't want a card issuer to share information about you with other entities in turn, it is your responsibility to inform the card issuer of this.

Certain Fees We Receive

Fidelity and its affiliates receive fees for providing certain products and services. Following is a partial list of affiliates and the services they are paid for:

- Fidelity Management & Research Company—fee for serving as an investment advisor to the Fidelity funds.
- Fidelity will receive a fee from banks supporting the sweep. For more information, please refer to the "Benefits to Fidelity and Others" section within "Details" of the Fidelity Cash Management Account FDIC-Insured Deposit Sweep Program Disclosures document.
- FBS and NFS—payments or other consideration (such as financial credits or reciprocal business) for directing equity trades to particular broker-dealers or market centers for execution. In addition to sales loads and 12b-1 fees described in the prospectus, FBS or NFS receives other compensation in connection with the purchase of certain mutual fund shares and/or the ongoing maintenance of those positions in your brokerage account. This additional compensation may be paid by the mutual fund, its investment advisor, or one of its affiliates. Additional information about the source(s) and amount(s) of compensation, as well as other remuneration received by FBS or NFS will be furnished to you upon written request.

Warranty Disclaimer

Neither we nor any third party makes any representations or warranties, expressed or implied, including, without limitation, any implied warranties of merchantability or fitness for a particular purpose with respect to any services provided in connection with this account, or any information programs or products obtained from, through, or in connection with these services. In no event will we or any third party be liable for direct, indirect, incidental, or consequential damages resulting from any defect in or use of these services.

Callable Securities Lottery

When street name or bearer securities held for you are subject to a partial call or partial redemption by the issuer, NFS may or may not receive an allocation of called/redeemed securities by the issuer, transfer agent, and/or depository. If NFS is allocated a portion of the called/redeemed securities, NFS utilizes an impartial lottery allocation system, in accordance with applicable rules, that randomly selects the securities within customer accounts that will be called/redeemed. NFS' allocations are not made on a pro rata basis and it is possible for you to receive a full or partial allocation, or no allocation. You have the right to withdraw uncalled fully paid securities at any time prior to the cutoff date and time established by the issuer, transfer agent, and/or depository with respect to the partial call, and also to withdraw excess margin securities, provided your account is not subject to restriction under the Federal Reserve's Regulation T or such withdrawal will not cause an undermargined condition. For more information and an example of the impartial lottery process, please go to: http://personal.fidelity.com/products/fixedincome/FI_Common_Risk.shtml.

Wisconsin Marital Property Act

Married Wisconsin residents should be aware that no provision of any marital property agreement, unilateral agreement, or court decree under Wisconsin's Marital Property Act will adversely affect a creditor's interest unless, prior to the time credit is granted, the creditor is furnished a copy of, or given complete information about, that agreement or decree.

Unclaimed Property

Your account balance and certain uncashed checks issued from your account may be transferred to a state unclaimed property administrator if no activity occurs in the account or the check remains outstanding within the time period specified by the applicable state law.

Resolving Disputes — Arbitration

This agreement contains a predispute arbitration clause. Under this clause, which you agree to when you sign your account application, you and Fidelity agree as follows:

- A. All parties to this agreement are giving up the right to sue each other in court, including the right to a trial by jury, except as provided by the rules of the arbitration forum in which a claim is filed.
- B. Arbitration awards are generally final and binding; a party's ability to have a court reverse or modify an arbitration award is very limited.
- C. The ability of the parties to obtain documents, witness statements, and other discovery is generally more limited in arbitration than in court proceedings.
- D. The arbitrators do not have to explain the reason(s) for their award unless, in an eligible case, a joint request for an explained decision has been submitted by all parties to the panel at least 20 days prior to the first scheduled hearing date.
- E. The panel of arbitrators will typically include a minority of arbitrators who were or are affiliated with the securities industry.
- F. The rules of some arbitration forums may impose time limits for bringing a claim in arbitration.

In some cases, a claim that is ineligible for arbitration may be brought in court.

- G. The rules of the arbitration forum in which the claim is filed, and any amendments thereto, shall be incorporated into this agreement.

All controversies that may arise between you and us concerning any subject matter, issue, or circumstance whatsoever (including, but not limited to, controversies concerning any account, order, or transaction, or the continuation, performance, interpretation, or breach of this or any other agreement between you and us, whether entered into or arising before, on, or after the date this account is opened) shall be determined by arbitration in accordance with the rules then prevailing of the Financial Industry Regulatory Authority (FINRA) or any United States securities self-regulatory organization or United States securities exchange of which the person, entity, or entities against whom the claim is made is a member, as you may designate. If you commence arbitration through a United States self-regulatory organization or United States securities exchange and the rules of that organization or exchange fail to be applied for any reason, then you shall commence arbitration with any other United States securities self-

regulatory organization or United States securities exchange of which the person, entity, or entities against whom the claim is made is a member. If you do not notify us in writing of your designation within five (5) days after such failure or after you receive from us a written demand for arbitration, then you authorize us to make such designation on your behalf. The commencement of arbitration through a particular self-regulatory organization or securities exchange is not integral to the underlying agreement to arbitrate. You understand that judgment upon any arbitration award may be entered in any court of competent jurisdiction.

No person shall bring a putative or certified class action to arbitration, or seek to enforce any predispute arbitration agreement against any person who has initiated in court a putative class action, or who is a member of a putative class action who has not opted out of the class with respect to any claims encompassed by the putative class action until (i) the class certification is denied; or (ii) the class is decertified; or (iii) the customer is excluded from the class by the court. Such forbearance to enforce an agreement to arbitrate shall not constitute a waiver of any rights under this agreement except to the extent stated herein.

Before investing, consider the funds' investment objectives, risks, charges and expenses. Contact Fidelity for a prospectus or, if available, a summary prospectus containing this information. Read it carefully.

Any fixed-income security sold or redeemed prior to maturity may be subject to a substantial gain or loss. Your ability to sell a CD on the secondary market is subject to market conditions.

Fidelity, Fidelity Investments, Fidelity Cash Management Account, Fidelity BillPay, and FAST are registered service marks of FMR LLC. Third-party marks appearing herein are the property of their respective owners.



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Fidelity® Cash Management Account FDIC-Insured Deposit Sweep Program Disclosure

Summary

This document provides important information about the FDIC-Insured Deposit Sweep Program offered in connection with the Fidelity® Cash Management Account (the "Account"). If you have questions or need additional information, you can call a Fidelity Representative at 800-544-6666.

How It Works

Your Fidelity® Cash Management Account utilizes a core account through which all transactions settle. Uninvested balances in your core account will be held in a core position called the "FDIC-Insured Deposit Sweep" (the "Sweep"). Cash contributed to or received in your Account is held in the core account (the "Cash Balance"). On the next business day (not including bank holidays or days on which the New York Stock Exchange is closed, such as Good Friday) after receipt, Cash Balances are automatically "swept into" an FDIC-insured interest-bearing account (a "Program Deposit Account") at one or more participating banks (each a "Program Bank"). A hierarchical list of Program Banks will be assigned to your Account (the "Program Bank List") and the first bank on your Program Bank List will be designated as your "Primary Program Bank." Cash Balances up to the Maximum Deposit Limit (as further defined below) will be swept to your Primary Program Bank. The additional Program Banks, if any, on your Program Bank List will be available to accept excess Cash Balances in the event that you reach the Maximum Deposit Limit at your Primary Program Bank, provided, however, that if you have Program Deposits at each available Program Bank on your Program Bank List in an amount equal to the Maximum Deposit Limit, any remaining Cash Balances will be swept to your Primary Program Bank. Once your Cash Balance has been swept into a Program Deposit Account, it becomes eligible for FDIC insurance and is referred to as your "Program Deposit." Beginning with your Primary Program Bank, your Program Deposit is also automatically withdrawn from ("swept out of") a Program Deposit Account back into your Fidelity Cash Management Account as necessary. In this document, the sweep process between your Fidelity Cash Management Account and the Program Deposit Account is referred to as the "Program." The Program is only available to account owners of Fidelity Cash Management Accounts registered in the name of individuals or trusts, but only if all the beneficiaries of that trust are natural persons.

You will be informed of the Program Bank List assigned to your Account. If you open a new Account, you will receive this information in connection with the account opening process. For more information about the method used to generate your Account's Program Bank List, please refer to the "Details" section of this document.

Program Deposit Accounts are established on behalf of you and other Fidelity customers who participate in the Program. Although Fidelity will sweep your Cash Balance into a Program Deposit Account at a Program Bank, you will only have access to your Cash Balance through your Fidelity Cash Management Account. Please call a Fidelity Representative with questions on accessing your Cash Balance. You cannot make withdrawals from the Program Deposit Account, even if you contact the Program Bank. A full list of current Program Banks can be found on our Web site at [Fidelity.com/FCMACoreBanks](https://www.fidelity.com/FCMACoreBanks) or by calling a Fidelity Representative. Once your Account is established, you will have the ability to modify the Program Bank List assigned to your Account by opting out of one or more of the Program Banks. You may also select a different Program Bank List if one is available. To discuss either possibility, please contact a Fidelity Representative.

Fidelity has the right to limit the amount of your Cash Balance that is swept into a Program Deposit Account, or to move your Cash Balance to another Program Bank if Fidelity determines that such action is necessary to protect your funds, or in the event that a Program Bank is not able or willing to take additional deposits. Please consult the "Details" section for further important information, as such action may affect your effective rate of return as well as eligibility for FDIC insurance.

Interest Rates

You will earn interest on your Program Deposit. The rate of interest varies over time. The rate may be tiered based on the balance of your FDIC-Insured Deposit Sweep plus the value of any additional eligible accounts or assets held at Fidelity that in the future may be added for purposes of qualifying for a particular interest rate tier ("Eligible Assets").

The interest rate for each tier is based on a number of factors, including general economic and business conditions. Interest on Program Deposits will be paid by the Program Bank. Customers with higher Eligible Assets generally will receive higher interest rates on their Program Deposits than customers with lower Eligible Assets.

Fidelity offers similar programs to account owners who maintain other types of accounts ("Other Accounts"). These Other Accounts currently include Health Savings Accounts (HSAs) and certain individual retirement accounts (IRAs), but this may change over time without notice to you. While the same Program Bank may participate in the Program as well as the programs for these Other Accounts, the interest rate paid by a Program Bank in connection with the Program may be different from that paid by the same Program Bank in connection with similar programs offered to account owners who maintain Other Accounts with Fidelity.

Over any given period, the interest rates on the Program Deposits may be lower than the rate of return on similar non-FDIC-insured investments or deposit accounts offered outside of the Program. To compare current rates of return between the Program Deposit in your Fidelity Cash Management Account and similar, non-FDIC-insured cash balance options available at Fidelity, please visit [Fidelity.com/FCMACoreRates](https://www.fidelity.com/FCMACoreRates).

Interest rates, tier levels, and Eligible Assets may be changed at any time and without prior notice to you. Current interest rates and annual percentage yields (APYs) for Program Deposits and a description of any assets at Fidelity that currently qualify as Eligible Assets can be found at [Fidelity.com/FCMA](https://www.fidelity.com/FCMA) or by calling a Fidelity Representative at 800-544-6666. Interest on your Program Deposit accrues daily, is compounded monthly, and will be reflected on your Fidelity Cash Management Account statement as of the last business day of each month. Your continued use of your Fidelity Cash Management Account after Fidelity posts on its Web site any change to applicable interest rates, tier levels, and/or Eligible Assets shall constitute your consent to any such change.

Important information regarding the calculation and payment of interest on your Program Deposit, including how your Eligible Assets will be determined, can be found in the section entitled "Interest" or by calling 800-544-6666.

FDIC Insurance Coverage/SIPC Protection

Your Program Deposit, together with any non-Program deposits you may have at the same Program Bank, which include deposits arising in connection with similar programs offered to account owners who maintain Other Accounts with Fidelity, as well as savings and checking accounts, money market deposit accounts, and CDs issued directly to you by the Program Bank, are insured by the FDIC, an independent agency of the U.S. government, up to a standard maximum amount in accordance with the rules of the FDIC. The applicable FDIC insurance limit depends upon the ownership capacity in which you hold the Program Deposit, and the relevant limit will be applied to all deposits (including Program Deposits and non-Program deposits) held in the same ownership capacity by you at the same Program Bank. Deposits held in different ownership capacities, as provided in FDIC rules, are insured separately. Single ownership accounts are insured up to \$250,000 and each co-owner's share of joint accounts is insured up to \$250,000. For retirement accounts such as IRAs, the limit is typically \$250,000. HSAs, unless they possess special features, are considered to be held in the same right and capacity as other single ownership accounts of a depositor, and are combined with such other single ownership accounts, for the purpose of applying the \$250,000 maximum limit. Special rules apply to insurance of trust deposits. **If you have both a Program Deposit and non-Program deposits at the same Program Bank held in the same right and legal capacity as your Program Deposit, you must aggregate all such deposits with your Program Deposit for purposes of determining FDIC coverage. If your total funds on deposit at a Program Bank exceed the applicable FDIC insurance limit, the FDIC will not insure your funds in excess of the limit.**

For more information, please refer to the "Details" section. For more information, visit [fdic.gov](https://www.fdic.gov) or call 877-ASK-FDIC (877-275-3342).

Fidelity is not responsible for monitoring the amount of your Program Deposit in any Program Bank to determine whether it exceeds the limit of available FDIC insurance. You are responsible for monitoring the total amount of your assets on deposit with each Program Bank (including amounts in other accounts at the Program Bank held in the same right and legal capacity) in order to determine the extent of deposit insurance coverage available to you on those deposits, including your Program Deposit. If you are a trustee, you are responsible for determining the application of the insurance rules for you and your beneficiaries.

Any securities held in the Fidelity Cash Management Account (as opposed to the Program Deposit) are investment products and as such: (i) are not insured by the FDIC; (ii) carry no bank or government guarantees; and (iii) have associated risks.

By investing in securities you can lose your money, including the principal amount you invested. Securities held at Fidelity (as well as funds held at Fidelity and not at a Program Bank) are covered by the Securities Investor Protection Corporation (SIPC). SIPC currently protects these funds and securities up to \$500,000, including \$250,000 for claims for cash. SIPC coverage does not cover fluctuations in the market value of your investments. Your Cash Balance is only eligible for FDIC insurance once it becomes a Program Deposit held by a Program Bank. Your Cash Balance while held by Fidelity and in transit to or from a Program Bank is not FDIC-insured but is covered by SIPC. For more information regarding FDIC insurance, please consult fdic.gov. For more information regarding SIPC coverage, including the SIPC brochure, please consult sipc.org or call 202-371-8300.

Financial Benefits to Fidelity and Others

Fidelity receives a fee from each Program Bank in connection with the Program. This fee is typically based on the average aggregate daily Program Deposits on deposit with the Program Bank. The fee paid to Fidelity may vary from Program Bank to Program Bank. The fee paid to Fidelity by such Program Bank may also be different from that paid by the same Program Bank in connection with similar programs offered to account owners who maintain Other Accounts with Fidelity. In addition, the fee paid to Fidelity by each Program Bank may vary over time and may range up to an annualized rate equivalent to 4% of the balance of all Program Deposits held at that Program Bank.

The Program Administrator (which may also be a Program Bank) receives from Fidelity a service fee, which ranges between 0.035% and 0.075% of the aggregate daily balance of all Program Deposits. This fee is compensation for technology and accounting services rendered and assistance with regulatory compliance. Fidelity may be a customer of the Program Administrator and may have other financial interactions with the Program Administrator or other Program Banks. Fidelity may, in the future, designate one of its affiliates as the Program Administrator or a Program Bank or both.

Details

In this Disclosure Statement, "Fidelity," "us," and "we" include Fidelity Brokerage Services LLC (FBS) and National Financial Services LLC (NFS), as the context may require. "You" and "account owner" refer to the owner indicated on the account application; for any account with more than one owner or authorized person (such as a joint or trust account), "you" and "account owner" or "account owners" refer to all owners, collectively and individually.

Overview

Under the Program, the Cash Balance in your Fidelity Cash Management Account is automatically swept into and out of an interest-bearing Program Deposit Account at one or more Program Banks with which Fidelity has contracted.

The Sweep should not be viewed as a long-term investment option. If you are interested in a long-term investment option for your Cash Balances, please consider alternatives other than the Sweep that may be better suited for such purpose.

How the Program Works

Deposits

The Cash Balance in your Fidelity Cash Management Account will be automatically swept on the next business day after receipt (not including bank holidays or days on which the New York Stock Exchange is closed, such as Good Friday) into one or more Program Deposit Accounts established by Fidelity on behalf of you and other Fidelity customers who participate in the Program at the Program Banks.

Starting with your Account's Primary Program Bank, Fidelity will sweep Cash Balances to the Program Deposit Account at such bank until the total amount of your Program Deposit at that Program Bank is equal to the Maximum Deposit Limit. If, after this process is completed, there is a remaining Cash Balance in your Account, Fidelity will sweep those funds into the next available Program Bank on your Account's Program Bank List (as more fully described below) until the total amount of your Program Deposit at that Program Bank is equal to the Maximum Deposit Limit. This process will repeat itself until either (a) there is no remaining Cash Balance in your Account or (b) a Cash Balance remains in your Account and you have Program Deposits at each available Program Bank on your Account's Program Bank List in an amount equal to the Maximum Deposit Limit, in which case the remaining Cash Balances will be swept to your Account's Primary Program Bank. **Please note that if, as a result of this process, you have Program Deposits in excess of the Maximum Deposit Limit at your Account's Primary Program Bank, it is very likely that some of those funds will not be covered by FDIC insurance.**

Maximum Deposit Limit

The Maximum Deposit Limit will at all times be equal to 98% of the then applicable standard maximum deposit insurance amount for a nonretirement single ownership deposit account. For example, if the standard maximum deposit insurance amount is \$250,000, then the Maximum Deposit Limit is \$245,000.

Withdrawals

If funds are needed to cover a debit in your Account at the end of a business day (such as to cover an ATM withdrawal or a security purchase you made in the Account), the funds will be automatically swept out of the Program Deposit Account(s) back into your Account. Funds are swept out of the Program Banks in the same order that they are swept in, starting with the Primary Program Bank (up to the amount of your Program Deposit at that bank) and then moving to the next available Program Bank on your Account's Program Bank List (as more fully described below) until either the debit is satisfied or the total amount of your Program Deposits have been swept back into your Account. Program Deposits remaining at the Program Bank(s) will not be reallocated as part of this process, so as a result, you may have less than the Maximum Deposit Limit in Program Deposits at your Account's Primary Program Bank, but still have Program Deposits equal to the Maximum Deposit Limit at other Program Banks on your Account's Program Bank List.

Interest Posting

Each month, your Account statement will reflect the interest accrued on Program Deposits at each Program Bank separately. Interest accrues daily, is compounded monthly, and posted to the Program Deposit Account on the last business day of each month. After being posted to the Program Deposit Account, interest payments are swept to your Account where they could create a Cash Balance. In the event there is a Cash Balance, it will be swept to one or more Program Banks in accordance with the deposit methodology described above.

Changes to FDIC Insurance Limits

If the standard maximum deposit insurance amount for a nonretirement single ownership deposit account increases or decreases, Fidelity will determine a new Maximum Deposit Limit as of the effective date of the change. If the standard maximum deposit insurance amount increases and you have Program Deposits at your Account's Primary Program Bank in excess of the new Maximum Deposit Limit, then Fidelity will sweep these funds into the next available Program Bank on your Program Bank List (as more fully described below), until the total amount of your Program Deposits at that Program Bank are equal to the Maximum Deposit Limit. This process will repeat itself until either (a) you no longer have Program Deposits at your Account's Primary Program Bank in excess of the new Maximum Deposit Limit or (b) you have Program Deposits at each available Program Bank on your Account's Program Bank List in an amount equal to the Maximum Deposit Limit, in which case any excess Program Deposits will remain at your Account's Primary Program Bank. If the standard maximum deposit insurance amount decreases,

Fidelity will redistribute all of your Program Deposits across all of the available Program Banks in your Account's Program Bank List in accordance with the deposit methodology described above. **Please note that if you have Program Deposits in excess of the Maximum Deposit Limit at your Account's Primary Program Bank, it is very likely that some of those funds will not be covered by FDIC insurance.**

Evidence of Ownership

No evidence of ownership of the Program Deposit Account, such as a passbook or certificate, will be issued to you. Instead, the Program Deposit Account will be evidenced by (1) a book entry on the account records of each Program Bank showing an omnibus Program Deposit Account as being held in the name of NFS for the benefit of you and other Fidelity customers that participate in the Program, and (2) records of your Program Deposit from time to time in the Program Deposit Account maintained by NFS as your custodian and recordkeeper for the Program Bank.

Program Banks

Fidelity maintains a list of Program Banks for the Program (the "Master List"). This Master List may differ from similar master lists used with Other Accounts. From time to time, a Program Bank may be added to or removed from the list. Removing a Program Bank from the Master List means that Fidelity has terminated its relationship with such Program Bank and the Program Bank no longer participates in the Program. If a Program Bank is removed from the Program, Fidelity will transfer your Program Deposit from that Program Bank into another Program Bank or Program Banks in accordance with the deposit methodology discussed above as if you had opted out of such Program Bank (as more fully described below).

Each Program Bank may accept deposits up to an aggregate deposit limit (the "Deposit Limit"), which generally caps the total amount on deposit at the Program Bank in connection with the Program as well as similar programs offered in connection with Other Accounts. The Deposit Limit is set by contract between Fidelity and the Program Bank.

Program Bank Status

A status is assigned to each Program Bank. This status, which may change daily, reflects the Program Bank's ability to accept Program Deposits. As a general rule, a Program Bank's ability to accept Program Deposits is unrestricted except when one of the following applies:

Unavailable—A Program Bank that is unable to accept additional Program Deposits because it has reached its Deposit Limit. Characterizing a Program Bank as Unavailable will not affect existing Program Deposits at the Program Bank, but new deposits will be prohibited, except in situations where: (i) the Unavailable Program Bank is the only Program Bank on the Master Program Bank List, or (ii) the Unavailable Program Bank is the Primary Core Bank and every other Program Bank in the Program Bank List assigned to an Account is unavailable to take deposits because they are also Unavailable, have been Opted Out (as further defined below), or are Pending Activation (as further defined below).

Overflow—A Program Bank that is unable to serve as a Primary Core Bank because the total amount on deposit at the Program Bank in connection with the Program as well as in connection with similar programs offered in connection with Other Accounts is within \$50,000,000 of such Program Bank's Deposit Limit. Assigning a Program Bank an Overflow status will not affect existing Program Deposits at the Program Bank, but the Program Bank will be ineligible to serve as a Primary Core Bank except in situations where the Overflow Program Bank is the only Program Bank on the Master Program Bank List.

Pending Activation—A Program Bank that has been added to the Master Program Bank List, but is not yet available to receive Program Deposits.

Opted Out—The Account owner has elected not to utilize this Program Bank. While the Program Bank will remain on the Account's Program Bank List, the Program Bank is not available to receive Program Deposits. This status applies only to the Account at issue and has no impact on the Program Bank's ability to accept Program Deposits in connection with the broader Program. To opt out of a Program Bank, please call a Fidelity Representative.

Program Bank List

Your Account will be assigned a Program Bank List that may contain one or more Program Banks. Your Account's Program Bank List will be generated from the Master List. This Master List may differ from similar master lists used with Other Accounts. The hierarchy of the Program Banks on your Account's Program Bank List reflects the order in which these Program Banks will be utilized in connection with your Account. The first bank on your Account's Program Bank List will be designated as your Account's Primary Program Bank. Fidelity may from time to time generate different Program Bank Lists. As a result, the Program Bank List assigned to one Account may differ from the Program Bank List assigned to another Account.

New Accounts

The Program Bank List assigned to your Account will be determined based upon the day your Account is established, and all Accounts established that day will generally be assigned the same Program Bank List. If your Account is assigned a Program Bank List that contains only a single Program Bank, then that Program Bank will be the Primary Program Bank. **Please note that if this occurred and, as a result, you have Program Deposits in excess of the Maximum Deposit Limit at your Primary Program Bank, it is very likely that some of those funds will not be covered by FDIC insurance.**

You will receive a New Account Profile that includes the Program Bank List assigned to your Account. You will generally not be able to modify the Program Bank List assigned to your Account or select a different Program Bank List during the account-opening process. However, once your Account is established, you will have the ability to modify the Program Bank List assigned to your Account by opting out of one or more of the Program Banks. You may also select a different Program Bank List if one is available. To discuss either possibility, please contact a Fidelity Representative.

The Program Bank List assigned to your Account is available on Fidelity.com. To access the Program Bank List, you must log in to your Account, navigate to the "Positions" page, and then click on the "FDIC-Insured Deposit Sweep" link. The status of one or more of the Program Banks on these Program Bank Lists may be reflected as "pending" for a period of time after the Program Bank List is first assigned to your Account. If you have questions about a particular Program Bank's status, or need further information about the Program Bank List assigned to your Account, please contact a Fidelity Representative.

Changes to Program Bank Lists

Customer-Initiated Changes

Once your Account has been established, you can modify the Program Bank List assigned to your Account by calling Fidelity and "opting out" of any one or more Program Banks on your Account's Program Bank List, provided, however, that you must have at least one Program Bank in your Program Bank List in order to utilize the Program. By opting out of a Program Bank, you make the Program Bank inactive and ineligible or unavailable to receive Program Deposits from your Account. A Program Bank you have opted out of will still appear on the Program Bank List assigned to your Account with a designation that indicates its status. Your decision to opt out is revocable. You can call Fidelity at any time and opt back into a Program Bank, provided that the Program Bank is still participating in the Program.

You can call Fidelity at any time to request a different Program Bank List, if one is available. If you elect to utilize a different Program Bank List, and you previously opted out of one or more Program Banks, those opt out elections will carry over to your Account's new Program Bank List, provided, however, that because you may not opt out of the Primary Program Bank, if the Primary Program Bank on this new Program Bank List is one that you previously opted out of and you wish to maintain that election, you must utilize a different Program Bank List with a different Primary Program Bank.

If you opt out of one or more Program Banks and you currently have Program Deposits with these Program Banks, those Program Deposits will be treated as if they were a Cash Balance in your Account and reallocated to the remaining active Program Banks on your Account's Program Bank List in accordance with the Deposit methodology described above. Likewise, if you elect to use a different Program Bank List, all your Program Deposits will be treated as if they were a Cash Balance in your Account and reallocated to the Program Banks on this new Program Bank List in accordance with the Deposit methodology described above.

Programmatic Changes

From time to time, a Program Bank may be added to or removed from a Program Bank List. New Program Banks will be added to the end of a Program Bank List and existing Program Banks being removed will be deleted from a Program Bank List. If more than one Program Bank is added at any given time, the banks will be added to the end of a Program Bank List in alphabetical order. A Program Bank List will not be reordered as a result of either the addition or removal of a Program Bank. If a Program Bank has been removed from a Program Bank List, that Program Bank will no longer be available to receive Program Deposits. If you have a Program Deposit on deposit with the removed Program Bank, Fidelity will transfer your Program Deposit from that Program Bank into the remaining Program Banks on your Account's Program Bank List as if you had opted out of such Program Bank. In the event the Program Bank that is removed from the Program Bank List is your Primary Program Bank, then the next available Program Bank on your Account's Program Bank List will be designated the Primary Program Bank.

Every Account must be assigned a Program Bank List with at least one available Program Bank. If the removal of a Program Bank combined with your election to opt out of one or more Program Banks results in your Account's Program Bank List having no available Program Banks, then you direct Fidelity to (1) void your opt out election, (2) assign as your Account's Primary Program Bank the Program Bank on your Account's Program Bank List immediately following the Program Bank that was removed, and (3) transfer your Program Deposit from the removed Program Bank into your Account's Primary Program Bank as if you had opted out of the removed Program Bank.

Bank Status Changes

In certain circumstances, a Program Bank that has been added to your Account's Program Bank List will appear on your Account's Program Bank List with a designation that indicates its status as "pending." A pending Program Bank will not be available to receive Program Deposits until the pending designation is removed (generally thirty (30) days). However, you may elect to opt out of a pending Program Bank at any time in accordance with the process described above.

Once the status of a Program Bank changes such that it is no longer pending, any cash balances in the Account's Primary Core Bank in excess of the Maximum Deposit Limit will be automatically swept into the newly available Program Bank in accordance with the deposit methodology discussed above.

Likewise, if the status of a Program Bank changes such that it is no longer Unavailable or Opted Out, any cash balances in the Account's Primary Core Bank in excess of the Maximum Deposit Limit will be automatically swept into the newly unrestricted Program Bank in accordance with the deposit methodology discussed above.

Changes Affecting Your Account

Fidelity may from time to time make changes in the Program that include making Program Deposit Accounts available at banks other than the current Program Banks or shifting Program Deposits between Program Banks. Fidelity has the right to limit the amount of your Cash Balance that is swept into a Program Deposit Account or to move your Cash Balance to another Program Bank if Fidelity determines that such action is necessary to protect your funds, or in the event that a Program Bank is not able or willing to take additional deposits, a Program Bank's participation in the Program is terminated or a Program Bank's ongoing viability may be in question. In such case, any or all of the Cash Balance in your Fidelity Cash Management Account may be placed into a core position other than the FDIC-Insured Deposit Sweep, such as a money market mutual fund, a free credit balance position, or other available cash investment vehicle. These alternative core positions would not be eligible for FDIC insurance but may be eligible for SIPC protection.

The new core position that Fidelity chooses for you may receive a lower effective rate of return. Fidelity will attempt to select an alternative core position for you that provides a rate of return that is equal to or better than the rate of return you were receiving on your Program Deposit. Fidelity, however, cannot guarantee any rate of return, including a return that is equal to or greater than your current return. Fidelity may also receive different and potentially greater compensation in connection with the alternative core position than was the case with your original Program Bank.

By signing the Fidelity Cash Management Account Application, you represent that you have read this Disclosure Statement and understand and consent to Fidelity changing your core position at its discretion to a money market mutual fund, a free credit balance position, or another cash investment vehicle, if available. You agree to hold Fidelity harmless for any actions that might result from Fidelity changing your core position, including any lower or different rate of return that may be paid by the new core position that Fidelity selects for you. You also acknowledge and agree to allow Fidelity to share personal information about you, including such things as your name, Social Security number or tax identification number, address, or date of birth, with certain entities that provide services to Fidelity in connection with the Program. These service providers, which include the Program Banks, will use such information solely to satisfy their own statutory or regulatory obligations, or obligations that attach to Fidelity.

You will be notified if we change the Program Banks into which your Cash Balance is swept. Your continued use of your Fidelity Cash Management Account after receiving notice of a change in one or more Program Banks will constitute your affirmative consent to Fidelity to the transfer of your Program Deposit into any Program Bank that Fidelity has disclosed to you. Because you are responsible for monitoring the total amount of your deposits at a Program Bank (including any Program Deposit held at such Program Bank and all deposits you may make at a Program Bank outside the Program), in order to determine the extent of FDIC insurance coverage available, you should carefully consider whether the change in the Program Bank has an impact on your deposit insurance coverage. Fidelity may add an affiliated bank to the list of Program Banks in the future, including making an affiliated bank the sole available Program Bank under the Program.

Statements and Confirmations

The statement for your Account will: (i) indicate your balance in your core account as well as your Program Deposit balance at each Program Bank as of the last business day of each monthly statement period; (ii) detail sweeps to and from your core account during the statement period; and (iii) reflect interest accrued on Program Deposits at each Program Bank separately. This information is provided in lieu of separate confirmations for each sweep into and from a Program Deposit Account. Transfers between your MMDA and NOW sub-accounts (each of which are further described below) will not be reflected in your Fidelity Cash Management Account statements.

Access to Your Cash Balance

You may only access your Cash Balance through your Fidelity Cash Management Account. You cannot access or withdraw your Program Deposit by contacting the Program Bank directly. Your Program Deposit is also subject to legal process such as a levy or a garnishment delivered to Fidelity to the same extent as if those funds were in your Fidelity Cash Management Account.

Your Program Deposit constitutes a direct obligation of the bank to you and is not an obligation of Fidelity. Fidelity does not guarantee in any way the financial condition of the Program Banks. Under federal banking regulations, each Program Bank has the right to require seven days' prior notice before permitting a withdrawal of any Program Deposits. Your interest in a Program Deposit Account is not transferable.

Deposit Accounts

Fidelity is taking certain steps outlined in this section to help Program Banks manage the reserves that the Federal Reserve Board requires them to maintain against certain types of deposit accounts. These steps are in accordance with established banking laws, regulations, and practices.

Each Program Bank uses one of the following two deposit account structures, either: (1) a master account with two linked legally separate sub-accounts: (a) an interest-bearing transaction sub-account (commonly referred to as a Negotiable Order of Withdrawal or "NOW" account), and (b) an interest-bearing savings deposit account (commonly referred to as a Money Market Deposit Account or MMDA account); or (2) legally separate linked NOW and MMDA accounts. Regardless of whether the Bank utilizes structure (1) or (2) noted above, the accounts will be referred to throughout this document as, respectively, the "NOW sub-account" and the "MMDA sub-account" and collectively the "sub-accounts," and Program Deposits at the Program Bank will be held in the sub-accounts. Interest will accrue on the combined balance of both sub-accounts at the same rate. The Program Administrator will allocate your Program Deposit (and those of each other Fidelity customer that participates in the Program) between the NOW sub-account and the MMDA sub-account on a daily basis. You will not have an individual NOW sub-account or MMDA sub-account at the Program Bank but, rather, your Program Deposit will be aggregated with the Program Deposits of other Fidelity customers that participate in the Program. For ease of

reference, however, the portion of your Program Deposit that is allocated to the NOW sub-account is referred to as “your” NOW sub-account and the portion of your Program Deposit that is allocated to the MMDA sub-account is referred to as “your” MMDA sub-account. The aggregated sub-accounts at a Program Bank are referred to as the “omnibus NOW sub-account” and the “omnibus MMDA sub-account.” This will allow tracking and limitation of the number of withdrawals from your MMDA sub-account and, to the extent that Fidelity elects to limit such transfers from the omnibus MMDA sub-accounts that occur during any given statement cycle, will help ensure that the total number of either type of such withdrawals does not exceed the number permitted by law.

Under applicable Federal Reserve Board regulations, your NOW sub-account is considered to be like a “transaction account” from which an unlimited number of transfers of funds (i.e., withdrawals) may be made. While there is no limit on the number of withdrawals that may be made from your NOW sub-account, the only withdrawals that are permitted from your NOW sub-account under the Program are (1) transfers to your MMDA sub-account (to the extent funds in your NOW sub-account exceed any target balance that the Program Administrator and/or Program Bank may have established for that sub-account), and (2) transfers from the NOW sub-account back to your Fidelity Cash Management Account (to the extent needed to pay for transactions in that account, such as checks you write).

Conversely, under Federal Reserve Board regulations, your MMDA sub-account is considered to be like a “savings account” from which generally no more than six transfers of funds may be made per statement cycle. The only type of withdrawal that is permitted directly from your MMDA sub-account under the Program is a transfer to your NOW sub-account (to fund transfers from your NOW sub-account back to your Fidelity Cash Management Account or to maintain any target balance that the Program Administrator and/or Program Bank may have established for your NOW sub-account) and/or transfers of the remaining balance of your MMDA sub-account on the sixth transfer from the omnibus MMDA sub-account to the omnibus NOW sub-account at a Program Bank during any given monthly statement cycle as discussed below.

Your Program Deposit will always be credited to your NOW sub-account. However, to maximize the amount of funds that may be held in your MMDA sub-account, the Program Administrator and/or the Program Bank may from time to time establish a target balance for your NOW sub-account. The Program Administrator may change or vary target balances at any time and from time to time. To the extent funds in your NOW sub-account exceed any such target balance, the excess will be transferred to your MMDA sub-account unless the maximum number of transfers from your MMDA sub-account or the omnibus MMDA sub-account at a Program Bank for that monthly statement cycle have already occurred.

The target balance in your NOW sub-account may be initially set by the Program Administrator at 100%, which would result in all funds being placed and retained in your NOW sub-account until the Program Administrator changes the target balance, resulting in use of your MMDA sub-account, as described herein, at a later time.

Sweeps of the Program Deposit into your Fidelity Cash Management Account will be made from your NOW sub-account. If the amount to be swept exceeds the available balance in your NOW sub-account, funds from your MMDA sub-account will be transferred to your NOW sub-account (up to the full balance of available funds in your MMDA sub-account) to cover the shortfall (and to replenish any target balance that the Program Administrator and/or the Program Bank may have established for your NOW sub-account). No more than six of these transfers from your MMDA sub-account to your NOW sub-account are permitted per monthly statement cycle. If a sixth transfer is needed, it will be for the full balance of available funds in your MMDA sub-account (but not including accrued interest). In addition, Fidelity may elect to limit the number of transfers from the omnibus MMDA sub-account to the omnibus NOW sub-account at a Program Bank to six per monthly statement cycle. If this limitation is imposed and a sixth such transfer is needed, it will be for the full balance of available funds in the omnibus MMDA sub-account at that Program Bank, which would result in all funds in your MMDA sub-account at that Program Bank being transferred to your NOW sub-account and remaining there for the rest of that monthly statement cycle. In either case, at the beginning of the next monthly statement cycle, funds in your NOW sub-account that exceed any target balance that the Program Administrator and/or Program Bank may have established for your NOW sub-account will be transferred back to your MMDA sub-account.

Transfers between your NOW and MMDA sub-accounts of the Program Deposit Account are managed automatically. **This process does not impact the interest rate earned on your Program Deposit and it does not affect the number of withdrawals you can make from your Fidelity Cash Management Account.**

Interest

Each Program Bank that holds your Program Deposits will pay you the same rate of interest on funds in your NOW sub-account and your MMDA sub-account. The rate of interest paid by each Program Bank is variable and is tiered based in part on the value of your Eligible Assets. Fidelity determines the interest rates, tier levels, and Eligible Assets, all of which may change at any time in Fidelity's sole discretion and may be based on a number of factors, including general economic and business conditions. Customers with higher Eligible Assets generally will receive higher interest rates on their Program Deposits than customers with lower Eligible Assets. Interest on your Program Deposit will be paid by the Program Bank.

Over any given period, the interest rates on the Program Deposits may be lower than the rate of return on similar non-FDIC-insured investments or deposit accounts offered outside of the Program including deposit accounts held directly with a Program Bank. To compare current rates of return between your Program Deposit and similar, non-FDIC-insured cash balance options available at Fidelity, please visit [Fidelity.com/FCMACoreRates](https://www.fidelity.com/FCMACoreRates).

Fidelity offers similar programs to account owners who maintain Other Accounts. While the same Program Banks may participate in the Program as well as the programs for these Other Accounts, the interest rate paid by a Program Bank in connection with the Program may be different from that paid by the same Program Bank in connection with similar programs offered to account owners who maintain Other Accounts with Fidelity.

Accounts and assets that qualify as Eligible Assets may be found on Fidelity's Web site at [Fidelity.com/FCMA](https://www.fidelity.com/FCMA).

Please contact us at 800-544-6666 to find out more about how your Eligible Assets are determined and to ensure all eligible accounts are linked in your household.

Interest on your Program Deposit is accrued daily, compounded monthly, and is reflected on your Fidelity Cash Management Account monthly statement as of the last business day of the month. Interest on your Program Deposit begins to accrue on the business day those funds are received by the Program Bank, which will typically be the first business day (excluding bank holidays or days on which the New York Stock Exchange is closed, such as Good Friday) after the day those funds are posted to your Fidelity Cash Management Account as reflected on your statement.

The current interest rate and Annual Percentage Yield (APY) on Program Deposits will vary over time and can change daily. Current rates and APYs can be found on our Web site, [Fidelity.com](https://www.fidelity.com), or by calling 800-544-6666.

The applicable interest rates, tier levels, and Eligible Assets may be changed from time to time without notice to you. Any change in these terms will be posted at [Fidelity.com/FCMA](https://www.fidelity.com/FCMA). You agree to check for updates to these terms. You understand that by continuing to maintain your Fidelity Cash Management Account without objecting to any change in terms, you are accepting any new terms and you will be legally bound by all new terms and conditions. If required by applicable law, we will provide you with prior notice of changes to these terms.

Relationship Between Fidelity, the Program Administrator, and the Program Banks

Under the Program, FBS serves as your broker, maintains your Fidelity Cash Management Account, and provides certain services to you in connection therewith. NFS acts as your agent in establishing an interest-bearing omnibus Program Deposit Account at a Program Bank, sweeping the Cash Balance in your Fidelity Cash Management Account into the Program Deposit Account, and sweeping funds from your Program Deposit back into your Fidelity Cash Management Account. The Program Administrator provides certain recordkeeping, technology, and consulting services to Fidelity and the Program Banks with respect to the allocation of funds between your NOW and MMDA sub-accounts as referenced in the "Deposit Accounts" section of this Disclosure Statement. NFS will provide you a 1099 INT for interest earned on your Program Deposit at year-end.

Fidelity may be a customer of the Program Administrator or Program Bank and may have other financial interactions with the Program Administrator or other Program Banks. Fidelity may in the future designate one of its affiliates as the Program Administrator or a Program Bank or both.

Fees paid to Fidelity and the Program Administrator in connection with administering the Program are described below in the section entitled "Benefits to Fidelity and Others."

Benefits to Fidelity and Others

Fidelity receives a fee from each Program Bank in connection with the Program that is typically based on the average aggregate daily Program Deposits held by such Program Bank. The fee paid to Fidelity may vary from Program Bank to Program Bank and will generally increase as the aggregate amount on deposit with the Program Bank increases. Fidelity offers similar programs to account owners who maintain Other Accounts. The same Program Banks may participate in the Program as well as the programs for these Other Accounts and the fee paid to Fidelity by the same Program Bank in connection with this Program may be different from that paid in connection with similar programs for Other Accounts.

The fee paid to Fidelity by each Program Bank may vary over time and may range up to an annualized rate equivalent to 4% of the balance of all Program Deposits at that Program Bank. Fidelity may from time to time reduce or waive all or a portion of the fee the Program Bank is otherwise obligated to pay. You will receive notification of any increase in the fee above 4.0%.

The fee paid to Fidelity by each Program Bank, which is a function of the "Rate" (as described below) and the interest rate (as described above), is established by Fidelity in accordance with Fidelity's agreement with each Program Bank. The fee is calculated by multiplying the Program Deposits (or, in some cases, all or a portion of the Program Deposits held in each of the MMDA and NOW sub-accounts) at a Program Bank by that Bank's "Rate" and then subtracting total interest paid by the Program Bank to accounts with Program Deposits at that Program Bank. The "Interest Rates" section above describes how the interest rate is determined as well as how the interest paid to each customer is calculated. The total interest paid by the Program Bank will depend in part on the number of accounts with Program Deposits at that Program Bank as well as the level of Program Deposit balances at the Program Bank. The Rate is determined by Fidelity's contract with each Program Bank, and will vary depending on the identity of the Program Bank, but will generally be tied to the London Interbank Offered Rate (LIBOR), the Federal Funds Effective Rate (FFE), or Federal Funds Target Rate (FFT). Depending on the Program Bank, the Rate may be tiered based upon the level of Program Deposits and may span a spectrum of up to 0.75% above or below LIBOR, FFE, or FFT.

The Program Administrator will receive a service fee from Fidelity which ranges between 0.035% and 0.075% of the aggregate daily balance of all Program Deposits for services rendered in connection with the Program, including technology and accounting services and assistance in compliance with regulatory requirements. This fee may be negotiated periodically.

The Program Banks use Program Deposits to fund current and new lending and for investment activities. The Program Banks earn net income from the difference between the interest they pay on Program Deposits and the fees paid to Fidelity and the income they earn on loans, investments, and other assets. As noted above, the Program Banks may pay rates of interest on Program Deposits that are lower than prevailing market interest rates.

FDIC Insurance Coverage/SIPC Protection

Your Program Deposit, together with any non-Program deposits you may have at the same Program Bank, which include deposits arising in connection with similar programs offered to account owners who maintain Other Accounts with Fidelity, as well as savings and checking accounts, money market deposit accounts, and CDs issued directly to you by the Program Bank, are insured by the FDIC, an independent agency of the U.S. government, up to a standard maximum amount in accordance with the rules of the FDIC. The applicable FDIC insurance limit depends upon the ownership capacity in which you hold the Program Deposit, and the relevant limit will be applied to all deposits (including Program Deposits and non-Program deposits) held in the same ownership capacity by you at the same Program Bank. Deposits held in different ownership capacities, as provided in FDIC rules, are insured separately. Single ownership accounts are insured up to \$250,000 and each co-owner's share of joint accounts is insured up to \$250,000. For retirement accounts such as IRAs, the limit is typically \$250,000. HSAs, unless they possess special features, are considered to be held in the same right and capacity as other single ownership accounts of a depositor, and are combined with such other single ownership accounts, for the purpose of applying the \$250,000 maximum limit. Special rules apply to insurance of trust deposits. **If you have both a Program Deposit and non-Program deposits at the same Program Bank held in the same right and legal capacity as your Program Deposit, you must aggregate all such deposits with your Program Deposit for purposes of determining FDIC coverage. If your total funds on deposit at a Program Bank exceed the applicable FDIC insurance limit, the FDIC will not insure your funds in excess of the limit.**

For more information, please visit fdic.gov or call 877-ASK-FDIC (877-275-3342).

Program Deposits (principal and accrued interest) at each Program Bank are eligible for FDIC insurance up to the applicable limits. **Fidelity is not responsible for monitoring the amount of your Program Deposit in any Program Bank to determine whether it exceeds the limit of available FDIC insurance. You are responsible for monitoring the total amount of your assets on deposit with each Program Bank (including amounts in other accounts at the Program Bank held in the same right and legal capacity) in order to determine the extent of deposit insurance coverage available to you on those deposits, including your Program Deposit. If you are a trustee, you are responsible for determining the application of the insurance rules for you and your beneficiaries.** If you expect to have total deposits at any Program Bank (including your Program Deposit and non-Program deposits) that exceed FDIC insurance coverage limits, you should carefully consider whether you should arrange for other investment options for amounts in excess of such coverage, in order to reduce your investment risk. Fidelity will not be responsible for any insured or uninsured portion of your Program Deposit. In the event that federal deposit insurance payments should become necessary, payments of FDIC-Insured principal plus unpaid and accrued interest will be made to you by the FDIC. There is no specific time period during which the FDIC must make insurance payments available to you and you may experience a significant delay in accessing your Program Deposits in the event that it becomes necessary for the FDIC to make such payments. You may be required to provide certain documentation to the FDIC and Fidelity before insurance payments are made.

Any securities held in your Account (as opposed to the Program Deposit) are investment products and as such: (i) are not insured by the FDIC; (ii) carry no bank or government guarantees; and (iii) have associated risks. By investing in securities you can lose your money, including the principal amount you invested. Securities held at Fidelity (as well as funds held at Fidelity and not at a Program Bank) are covered by SIPC. SIPC currently protects these funds and securities up to \$500,000, including \$250,000 for claims for cash. SIPC coverage does not cover fluctuations in the market value of your investments. Your Cash Balance is only eligible for FDIC insurance once it becomes a Program Deposit held by a Program Bank. Your Cash Balance while held by Fidelity and in transit to or from a Program Bank is not FDIC-insured but is covered by SIPC. For more information regarding FDIC insurance, please consult fdic.gov. For more information regarding SIPC coverage, or to request the SIPC brochure, please consult sipc.org or call 202-371-8300.

If Fidelity exercises its right to place your Cash Balance into a core position other than the FDIC-Insured Deposit Sweep, such as a money market mutual fund, a free credit balance position, or other available cash investment vehicle, your new core position would not be eligible for FDIC insurance, but may be protected by SIPC in accordance with applicable legal requirements and limitations.



Fidelity Brokerage Services, Member NYSE, SIPC
900 Salem Street, Smithfield, RI 02917

ADDITIONAL INFORMATION

Fees

The Fidelity® Cash Management Account is highly flexible, and our cost structure is flexible as well. Our use of “a la carte” pricing for many features helps to ensure that you only pay for the features you use.

About our Commissions and Fees

The most economical way to place trades is online, meaning either through Fidelity.com, Fidelity Active Trader Pro,® or Fidelity Anywhere.® The next most economical way is Fidelity Automated Service Telephone (FAST®). This automated service is available around the clock and can be accessed from a touch-tone phone.

The fees described in this document apply to the Fidelity® Cash Management Account.

STOCKS/ETFs

Online **\$7.95 per trade**

FAST® **\$12.95 per trade**

Rep-Assisted **\$32.95 per trade**

These commissions and fees apply to securities including, but not limited to, short sales, exchange-traded funds (ETFs), and U.S.-traded foreign securities (ADRs, or American Depositary Receipts, and ORDs, or Ordinaries). For details on foreign stock trading, see the Foreign Stocks section on the next page.

There is an assessment of between \$0.01 and \$0.03 per \$1,000 of principal in addition to your commission that is added to sell orders. This assessment is imposed on the financial services industry by the Securities and Exchange Commission to cover the government's costs of regulating the security markets and security professionals.

Fidelity Brokerage Services LLC (“FBS”) and/or NFS receives remuneration, compensation, or consideration for directing orders in equity securities to particular broker/dealers or market centers for execution. The payer, source, and nature of any compensation received in connection with your particular transaction will vary based on the venue that a trade has been routed to for execution and will be disclosed upon written request to FBS. Please refer to Fidelity's customer agreement for additional information about order flow practices and to Fidelity's commitment to execution quality (http://personal.fidelity.com/products/trading/Fidelity_Services/Service_Commitment.shtml) for additional information about order routing. Also review FBS's annual disclosure on payment for order flow policies and order routing policies.

FBS receives compensation from the fund's advisor or its affiliates in connection with a marketing program that includes promotion of this security and other iShares funds, as well as the waiver of commissions for online trades in certain iShares funds (“Marketing Program”). FBS is entitled to receive additional payments during or after termination of the Marketing Program based upon a number of criteria, including the overall success of the Marketing Program and the continuance of commission waivers. The Marketing Program creates significant incentives for FBS to encourage customers to buy iShares funds. Additional information about the sources, amounts, and terms of compensation is described in the ETF's prospectus and related documents.

NEW ISSUE

Fidelity makes certain new issue products available without a separate transaction fee. Fidelity may receive compensation for participating in the offering as a selling group member or underwriter. The compensation Fidelity receives from issuers when acting as both underwriter and selling group member is reflected in the “Range of Fees from Underwriting” column. When Fidelity acts as underwriter but securities are sold through other selling group members, Fidelity receives the underwriting fees less the selling group fees.

Securities	Range of Fees from Participation in Selling Group	Range of Fees from Underwriting
IPOs	• 3% to 4.2% of the investment amount	• 5% to 7% of the investment amount
Follow-Ons	• 1.8% to 2.4% of the investment amount	• 3% to 4% of the investment amount

Please refer to the applicable pricing supplement or other offering document for the exact percentage sales concession or underwriting discount.

BONDS AND CDS

New Issues, Primary Purchases (all other fixed-income securities except U.S. Treasury)

Fidelity makes certain new issue products available without a separate transaction fee. Fidelity may receive compensation for participating in the offering as a selling group member or underwriter. The compensation Fidelity receives from issuers when acting as both underwriter and/or selling group member is reflected in the “Range of Fees from Underwriting” column. When Fidelity acts as underwriter but securities are sold through other selling group members, Fidelity receives the underwriting fees less the selling group fees.

BONDS

Securities	Range of Fees from Participation in Selling Group	Range of Fees from Underwriting
Agency/GSE	N/A	• 0.05% to 1.00% of the investment amount
Corporate Notes	• 0.01% to 2.5% of the investment amount	• 0.01% to 3.0% of the investment amount
Corporate Bond	• \$0.01% to 2.5% of the investment amount	• 0.05% to 3.0% of the investment amount
Municipal Bonds and Taxable Municipal Bonds	• 0.1% to 2% of the investment amount	• 0.1% to 2.5% of the investment amount
Structured Products (Registered Notes)	• 0.05% to 5.0% of the investment amount	N/A
Fixed-Rate Capital	• 2% of the investment amount	• 3% of the investment amount

Please refer to the applicable pricing supplement or other offering document for the exact percentage sales concession or underwriting discount.

CDs

Securities	Range of Fees from Participation in Selling Group	Range of Fees from Underwriting
CDs — CDIPs (Inflation Protected)	• 0.1% to 2% of the investment amount	• 0.1% to 2.5% of the investment amount
Structured Products (Market-linked CDs)	• 0.05% to 5% of the investment amount	N/A

AUCTION PURCHASES

U.S. Treasury including TIPS

Online **No charge**

Rep-Assisted **\$19.95 per trade**

SECONDARY MARKET TRANSACTIONS

Concessions for all secondary bond (fixed-income) trades are listed below.

U.S. Treasury including TIPS

Online **\$0 per bond**

Rep-Assisted **\$0 per bond

All Other Bonds

*Online **\$1.00 per bond**

Rep-Assisted **\$1.00 per bond

*Online \$8.00 minimum

**Rep-assisted \$19.95 minimum

Please note a \$250 maximum applies to all trades and is reduced to a \$50 maximum for bonds maturing in one year or less.

Bond orders cannot be placed through FAST.® Orders for high-yield, mortgage-backed, and other debt securities must be placed through a representative.

The offering broker, which may be our affiliate National Financial Services ("NFS"), may separately mark up or mark down the price of the security and may realize a trading profit or loss on the transaction.

MUTUAL FUNDS

This section only describes fees associated with your account. Fees charged by a fund itself (for example, expense ratios, redemption fees [if any], exchange fees, [if any], sales charges [for load funds]) are in the fund's prospectus. Read it carefully before you invest.

Fidelity Funds

All Methods **No transaction fees**

FundsNetwork Funds

Through FundsNetwork,® your account provides access to over 4,900 mutual funds. At the time you purchase shares of a no-load fund, those shares will be assigned either a transaction fee (TF) or no transaction fee (NTF) status. When you subsequently sell those shares, any applicable fees will be assessed based on the status assigned to the shares at the time of purchase.

Fidelity Brokerage Services LLC, or its brokerage affiliate, may receive remuneration for providing certain recordkeeping or shareholder services to these fund families.

FBS has contracted to receive other compensation in connection with the purchase and/or the ongoing maintenance of positions in certain mutual fund shares in your brokerage account. This additional compensation may be paid by the mutual fund, its investment advisor, or one of its affiliates. All or a portion of this compensation may be funded with 12b-1 fees as described in the fund's prospectus.

FundsNetwork No Transaction Fee (NTF) Funds

All Methods **No transaction fees¹ and no load**

Short-term Trading Fees

Fidelity will charge a short-term trading fee each time you sell or exchange shares of FundsNetwork NTF funds held less than 60 days (short-term trade). Fidelity funds, money market funds, funds redeemed through the Personal Withdrawal Service, and shares purchased through dividend reinvestment are not subject to this short-term trading fee. Fidelity reserves the right to exempt other funds from this fee, such as funds designed to achieve their stated objective on a short-term basis. The fee will be based on the following fee schedule:

Online: **\$75 flat fee**

Fidelity Automated Service Telephone (FAST®): **0.5625% of principal** (25% off representative-assisted rates), maximum: \$187.50, minimum: \$75
Rep-Assisted: **0.75% of principal**, maximum: \$250, minimum: \$100

Please be aware that certain FundsNetwork funds may be subject to separate and additional redemption fees imposed by the particular fund. Please refer to a fund's current prospectus for details.

¹Fidelity reserves the right to change the funds available without transaction fees and reinstate the fees on any funds.

FundsNetwork Transaction-Fee Funds (no load)

Purchases:

Online: **\$75.00 per investment**

FAST®: **0.5625% of principal per investment**; minimum \$75.00, maximum \$187.50

Rep-Assisted: **0.75% of principal per investment**; minimum \$100.00, maximum \$250.00

Redemptions:

Fidelity does not charge a transaction fee on any redemption of shares of a Transaction Fee Fund that were purchased with no load. A fund's own redemption fees may apply.

You can buy shares in a transaction-fee fund from its principal underwriter or distributor without a Fidelity transaction fee.

FundsNetwork Load Funds

All Methods **A fund's sales charges may apply**. Fidelity does not charge a transaction fee on a load fund. A fund's own redemption fees may apply.

FOREIGN STOCKS

Fidelity offers you two different ways to trade Foreign Stocks. You can utilize either Fidelity's "International Trading" functionality or its "Foreign Ordinary Share Trading" service.

International Trading allows customers to trade stocks from 17 countries and exchange between 13 currencies. These trades are placed using a root symbol, followed by a colon (:) and then the two-letter country code for the market the customer wants to trade in. *Foreign Ordinary Share Trading* allows customers to trade shares of foreign corporations in the over-the-counter (OTC) market using a five-character symbol ending in "F". Depending on the service, different commissions and fees apply, as more fully described below.

International Trading

Canada

Online **\$19 CAD per trade**

Rep-Assisted **\$70 CAD per trade**

France, Germany, Belgium, Italy, Netherlands, Portugal

Online **€19 EUR per trade**

Rep-Assisted **€70 EUR per trade**

Hong Kong

Online **HK\$250 HKD per trade**

Rep-Assisted **HK\$600 HKD per trade**

Note: Additional fees charged in Hong Kong include:

Transaction Levy 0.004% of principal on buys and sells

Trading Fee 0.005% of principal on buys and sells

Stamp Duty 0.10% of principal on buys and sells

Japan

Online **¥3,000 JPY per trade**

Rep-Assisted **¥8,000 JPY per trade**

United Kingdom

Online **£9 GBP per trade**

Rep-Assisted **£30 GBP per trade**

Note: Additional fees charged for trades in the United Kingdom include:

PTM Levy £1 GBP on buys and sells where principal amount is >£10,000 GBP

Stamp Duty 0.50% of principal on buys only

Australia

Online **\$32 AUD per trade**

Rep-Assisted **\$70 AUD per trade**

Norway

Online **kr160 NOK per trade**

Rep-Assisted **kr400 NOK per trade**

New Zealand

Online **\$35 NZD per trade**

Rep-Assisted **\$90 NZD per trade**

Mexico

Online **\$360 MXN per trade**

Rep-Assisted **\$960 MXN per trade**

Singapore

Online **\$35 SGD per trade**

Rep-Assisted **\$90 SGD per trade**

Note: Additional fees charged in Singapore include:

Clearing Fee 0.04% of principal on buys and sells

Sweden

Online **kr180 SEK per trade**

Rep-Assisted **kr480 SEK per trade**

Switzerland

Online **CHF25 CHF per trade**

Rep-Assisted **CHF65 CHF per trade**

When stocks are listed in a currency other than the local market currency, commissions are charged in the currency that the stock is listed in.

Note: There may be additional fees charged for trading in certain countries, and the list of countries and fees is subject to change without notice. These additional fees, if any, will display in the Other Fees section on the Trade Verification page.

Foreign Currency Exchange

A currency exchange fee (in the form of a markup or markdown on the rate of exchange) will be charged based on the size of the currency conversion. See the fee schedule below.¹

<\$100K	1.0% of principal
\$100K–\$249K	0.75% of principal
\$250K–\$499K	0.50% of principal
\$500K–\$999K	0.25% of principal
>\$1M	0–0.20% of principal

Foreign Ordinary Share Trading

For every country other than Canada, these shares will be traded in the over-the-counter (OTC) market through a U.S. market maker, unless otherwise directed. When trading in Canadian stocks, orders are generally routed to brokers in Canada. However, dually listed Canadian stocks may be routed to a Canadian broker or U.S. market center for execution. In all cases, the domestic stock commission schedule applies.

For every country other than Canada, additional foreign exchange fees of up to 0.30% of principal are embedded in the execution price of non-Canadian foreign ordinary shares that are executed directly on the foreign exchange (available only through a representative).

If your order is routed to a Canadian broker, certain additional fees may apply, including:

- Limit orders — a local broker fee is incorporated into the limit price by the Canadian broker
- Market orders — a local broker fee is incorporated into the execution price
- Foreign exchange fees of up to 0.06% of principal are embedded in the execution price.¹

Any foreign ordinary stock that is not Depository Trust Company eligible is subject to another \$50 fee.

Foreign Fixed-Income Trading

When purchasing a foreign currency-denominated fixed-income security for settlement in USD, the following charges will apply:

<\$1m	0.30% of principal
\$1m–\$5m	0.20% of principal
>\$5m	negotiated rate

OTHER INVESTMENTS

Commercial Paper \$50 per transaction

Unit Investment Trusts (UITs) \$35 minimum per redemption; no fee to purchase. Fidelity makes certain new issue products available without a separate transaction fee. Fidelity receives compensation for participating in the offering as a selling group member. Fees from participating in the selling group range from 1% to 4% of the public offering price. Fidelity may also receive compensation for reaching certain sales levels, which range from 0.001% – 0.0025% of the monthly volume sold.

Precious Metals

Buy Gross Amount	% Charged on Gross Amount	Sell Gross Amount	% Charged on Gross Amount
\$0–\$9,999	2.90%	\$0–\$49,999	2.00%
\$10,000–\$49,999	2.50%	\$50,000–\$249,999	1.00%
\$50,000–\$99,999	1.98%	\$250,000+	0.75%
\$100,000+	0.99%		

* delivery charges and applicable taxes if you take delivery

Fidelity charges a quarterly storage fee of 0.125% of the total value or \$3.75, whichever is greater. Storage fees are pre-billed based on the value of the precious metals in the marketplace at the time of billing.

For more information on these other investments and the cost of a specific transaction, contact Fidelity at 800-544-6666. Minimum fee per precious metals transaction: \$44. Minimum precious metals purchase: \$2,500.

OTHER FEES

Mutual Fund Low Balance Fee \$12 per year for each noncore Fidelity fund under \$2,000; other policies described below

Bank Wire \$15 per transaction; waived for households that meet certain asset and trade minimums at Fidelity²

Foreign Currency Wires up to 3% of principal; charged when converting USD to wire funds in a foreign currency

Foreign Dividends/Reorganizations 1% of principal; charged when a dividend is paid or a reorganization event occurs on a foreign asset held in an account in USD

Voluntary Reorganizations \$38 per transaction; applies to voluntary transactions such as exercising rights or warrants, participating in tender offers, bonds or preferred stock; waived for households that meet certain asset and trade minimums at Fidelity²

Checkwriting \$15 per returned check or stop-payment; nominal fees may apply for services such as check reorders, copies of checks, and specialty check orders

Debit Card no card fee for Fidelity VISA® Gold Check Card. Your Fidelity Cash Management Account will automatically be reimbursed for ATM fees charged and itemized by other institutions while using a Fidelity Visa® Gold Check Card at any ATM displaying the Visa®, Plus®, or Star® logos. The reimbursement will be credited to your Fidelity Cash Management Account the same day the ATM fee is debited from the account.

In rare instances, ATM owners may not itemize fees, which may cause disruption of individual automatic rebates. Upon notification, we will evaluate nonreceipt of ATM fee rebates. Note: There is a foreign transaction fee of 1% that is not waived, which will be included in the amount charged to your account.

The Fidelity Visa® Gold Check Card is issued by PNC Bank, NA, and administered by BNY Mellon Investment Servicing Trust Company, which are not affiliated with Fidelity.

Late Settlement \$15 per transaction; charged when a securities purchase settles one or more days late due to insufficient funds being available in your account

Transfer Limited Partnership Positions \$75 per partnership; applies only when moving a holding in an unregistered partnership to your account

Transfer and Ship Certificates \$100 per certificate; applies only to customers who have certificate shares reregistered and shipped; waived for households that meet certain asset and trade minimums at Fidelity²

Cashier's Check \$20; available only at select Investor Centers, cashier's checks are subject to a \$20 fee; waived for households that meet certain asset and trade minimums at Fidelity²

¹Currency exchanges are completed on behalf of Fidelity Brokerage Services LLC, and National Financial Services LLC (together, "Fidelity") by Fidelity FOREX, Inc., an affiliate of Fidelity. Fidelity sends the transaction to Fidelity FOREX, Inc., for the foreign exchange transaction. Fidelity serves as agent and Fidelity FOREX, Inc., as principal to the foreign exchange transaction. Fidelity FOREX, Inc., may impose a commission or markup to the price they receive from the interbank market, which may result in a higher price to you. Fidelity FOREX, Inc., may in turn share a portion of any foreign exchange commission or markup with Fidelity. More favorable exchange rates may be available through third parties not affiliated with Fidelity.

²Households with \$1 million or more in assets or \$25,000 or more in assets + 120 trades a year. For details, see Fee Waiver Eligibility.

Fee and Trading Policies

Commissions will be charged per order. For commission purposes, orders executed over multiple days will be treated as separate orders. Unless noted otherwise, all fees and commissions are debited from your cash balance in your Fidelity Cash Management Account.

Fee Waiver Eligibility

To determine your eligibility for reduced commissions or fee waivers, we group the assets and trading activity of all of the eligible accounts shown on your periodic account statement.

Eligible accounts generally include those maintained with Fidelity Service Company, Inc., or FBS (such as 401(k), 403(b) or 457 plan assets) or held in Fidelity Investments Life Insurance Company accounts, Fidelity Portfolio Advisory Service® or Fidelity Private Portfolio Service® accounts. Assets maintained by Fidelity Personal Trust Company, FSB are generally not included. We may include other assets at our discretion.

We will review your account periodically to confirm that your household is receiving the best fee waivers it qualifies for, and may change your fee waivers at any time based on these reviews. We update fee waivers across household accounts promptly after a daily review of trading activity, and monthly after a review of household assets. All trading activity is measured on a rolling 12-month basis.

If you believe there are eligible accounts within your household that are not being counted in our fee waiver eligibility process—for example, accounts held by immediate family members who reside with you—you may authorize Fidelity to consolidate these accounts into an aggregated relationship household and review them for eligibility. Any resulting fee waivers would extend both to you and to all immediate family members residing with you. Most customers receive only a single customer reporting statement from Fidelity and do not need to take any action. However, for more information, go to [Fidelity.com/goto/commissions](https://www.fidelity.com/goto/commissions) or call us at 800-544-6666.

Mutual Fund Low-Balance Fee

Fund positions are normally valued each year on the second Friday in November. Positions opened after September 30, or after January 1 if using regular, periodic investment plans, are not subject to the fee for that calendar year. See your Fidelity fund's prospectus for additional information.

ATM Fees

Your Fidelity Cash Management Account will automatically be reimbursed for all ATM fees charged and itemized by other institutions while using a *Fidelity Visa*® Gold Check Card at any ATM displaying the Visa,® Plus,® or Star® logos. The reimbursement will be credited to your Fidelity Cash Management Account the same day the ATM fee is debited from the account, so long as the ATM fee is itemized by the institution and/or ATM terminal and passed to Fidelity with the ATM transaction details.

In rare instances, ATM owners may not itemize fees, which may cause disruption of individual automatic rebates. Upon notification, we will evaluate nonreceipt of ATM fee rebates. *Note:* There is a foreign transaction fee of 1% that is not waived, which will be included in the amount charged to your account.

The *Fidelity Visa*® Gold Check Card is issued by PNC Bank, NA, and administered by BNY Mellon Investment Servicing Trust Company, which are not affiliated with Fidelity.

Prospectuses and Fact Sheets

Free prospectuses are available for UITs, Fidelity funds, and Fidelity FundsNetwork® funds. Fact sheets are available for Certificates of Deposit. To obtain any of these documents, and for other information on any fund offered through Fidelity, including charges and expenses, call 800-544-6666 or visit [Fidelity.com](https://www.fidelity.com).

FACTS	<p>What do Fidelity Investments and the Fidelity Funds do with your personal information?</p> 	
WHY?	<p>Financial companies choose how they share your personal information. Federal law gives consumers the right to limit some but not all sharing. Federal law also requires us to tell you how we collect, share, and protect your personal information. Please read this notice carefully to understand what we do.</p>	
WHAT?	<p>The types of personal information we collect and share depend on the product or service you have with us. This information can include:</p> <ul style="list-style-type: none"> ■ Social Security number and employment information ■ assets and income ■ account balances and transaction history <p>When you are <i>no longer</i> our customer, we continue to share your information as described in this notice.</p>	
HOW?	<p>All financial companies need to share customers' personal information to run their everyday business. In the section below, we list the reasons financial companies can share their customers' personal information, the reasons Fidelity Investments and the Fidelity Funds (hereinafter referred to as "Fidelity") choose to share, and whether you can limit this sharing.</p>	
REASONS WE CAN SHARE YOUR PERSONAL INFORMATION	DOES FIDELITY SHARE?	CAN YOU LIMIT THIS SHARING?
<p>For our everyday business purposes— such as to process your transactions, maintain your account(s), respond to court orders and legal investigations, or report to credit bureaus</p>	Yes	No
<p>For our marketing purposes— to offer our products and services to you</p>	Yes	No
<p>For joint marketing with other financial companies</p>	No	We don't share
<p>For our affiliates' everyday business purposes— information about your transactions and experiences</p>	Yes	No
<p>For our affiliates' everyday business purposes— information about your creditworthiness</p>	No	We don't share
<p>For nonaffiliates to market to you</p>	No	We don't share
QUESTIONS?	<p>Call 800-544-6666. If we serve you through an investment professional, please contact them directly. Specific Internet addresses, mailing addresses, and telephone numbers are listed on your statements and other correspondence.</p>	

WHO WE ARE	
Who is providing this notice?	Companies owned by Fidelity Investments using the Fidelity name to provide financial services to customers, and the Fidelity Funds. A list of companies is located at the end of this notice.
WHAT WE DO	
How does Fidelity protect my personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer safeguards and secured files and buildings.
How does Fidelity collect my personal information?	We collect your personal information, for example, when you <ul style="list-style-type: none"> ■ open an account or direct us to buy/sell your securities ■ provide account information or give us your contact information ■ tell us about your investment portfolio We also collect your personal information from others, such as credit bureaus, affiliates, or other companies.
Why can't I limit all sharing?	Federal law gives you the right to limit only <ul style="list-style-type: none"> ■ sharing for affiliates' everyday business purposes—information about your creditworthiness ■ affiliates from using certain information to market to you ■ sharing for nonaffiliates to market to you State laws and individual companies may give you additional rights to limit sharing.
DEFINITIONS	
Affiliates	Companies related by common ownership or control. They can be financial and nonfinancial companies. <ul style="list-style-type: none"> ■ Fidelity Investments affiliates include companies with the Fidelity name (excluding the Fidelity Funds), as listed below, and other financial companies such as National Financial Services LLC, Strategic Advisers, Inc., and Pyramis Global Advisors, LLC.
Nonaffiliates	Companies not related by common ownership or control. They can be financial and nonfinancial companies. <ul style="list-style-type: none"> ■ Fidelity does not share with nonaffiliates so they can market to you.
Joint marketing	A formal agreement between nonaffiliated financial companies that together market financial products or services to you. <ul style="list-style-type: none"> ■ Fidelity doesn't jointly market.
OTHER IMPORTANT INFORMATION	
<p>If you transact business through Fidelity Investments life insurance companies, we may validate and obtain information about you from an insurance support organization. The insurance support organization may further share your information with other insurers, as permitted by law.</p> <p>If you establish an account in connection with your employer, your employer may request and receive certain information relevant to the administration of employee accounts.</p> <p>If you interact with Fidelity Investments directly as an individual investor (including joint account holders), we may exchange certain information about you with Fidelity Investments financial services affiliates, such as our brokerage and insurance companies, for their use in marketing products and services as allowable by law. Information collected from investment professionals' customers is not shared with Fidelity Investments affiliates for marketing purposes, except with your consent or the consent of your investment professional and as allowed by law.</p> <p>The Fidelity Funds have entered into a number of arrangements with Fidelity Investments companies to provide for investment management, distribution, and servicing of the Funds. The Fidelity Funds do not share personal information about you with other entities for any reason, except for everyday business purposes in order to service your account. For additional information, please visit Fidelity.com.</p>	
WHO IS PROVIDING THIS NOTICE?	
<p>Fidelity Investments companies: Fidelity Brokerage Services LLC; Fidelity Distributors Corporation; Fidelity Investments Institutional Operations Company, Inc.; Fidelity Investments Institutional Services Company, Inc.; Fidelity Management Trust Company; Fidelity Personal Trust Company, FSB; Fidelity Investments Life Insurance Company; Empire Fidelity Investments Life Insurance Company; Fidelity Insurance Agency, Inc.; National Financial Services LLC; Strategic Advisers, Inc.; Pyramis Global Advisors, LLC</p> <p>The Fidelity Funds, which include funds advised by Strategic Advisers, Inc.</p>	

NOTICE OF BUSINESS CONTINUITY

Fidelity is committed to providing continuous customer service and support; however, we recognize that there are potential risks that could disrupt our ability to serve you. We are confident that we have taken the necessary steps that will allow us to reduce or eliminate the impact of a business disruption.

Fidelity recognizes the responsibility we have to our customers. We have implemented a business continuity management program with a strong governance model and commitment from senior management. Our continuity program's primary objectives are to meet the needs of our customers, maintain the wellbeing and safety of our employees, and meet our regulatory obligations. The planning process is risk based and involves the understanding and prioritization of critical operations across the firm, the anticipation of probable threats, and the proactive development of strategies to mitigate the impact of those events.

Our continuity planning teams work closely with local governments and officials in the event of an outage impacting our operations. Additionally, Fidelity has identified three large scale scenarios that require particular focus: pandemics, events impacting stock and bond market operations, and cyber events. Detailed response plans have been developed and cross-discipline teams have been trained to address both day-to-day disruptions as well as these specific events.

Each Fidelity department has developed the capabilities to recover both operations and systems. All continuity plans are designed to account for disruptions of various lengths and scopes, and to ensure that critical functions are recovered to meet their business objectives. Critical business groups operate from multiple sites. Dedicated teams within our technology organizations ensure that critical applications and data have sufficient redundancy and availability to minimize the impact of an event. Key components of Fidelity's continuity and technology recovery planning include:

- Alternate physical locations and preparedness
- Alternative means to communicate with our customers
- Back-up telecommunications and systems
- Employee safety programs

Plans are tested regularly to ensure they are effective should an actual event occur. Fidelity's Business Continuity Plans are reviewed no less than annually to ensure the appropriate updates are made to account for operations, technology, and regulatory changes. Material changes will be reflected in an updated "Notice of Business Continuity Plan." You may obtain a copy of this notice at any time by contacting a Fidelity Representative.



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