

ADDITIONAL INFORMATION

Fees

The Fidelity 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.

Note that Fidelity has customer categories as well as commission pricing categories, and that the two are not necessarily linked. Your customer category is based on your overall relationship with Fidelity (not just in the area of brokerage services) and is reflected in the level of service you receive from us. Your commission pricing category is based on your asset level and how actively you trade.

About our Commissions and Fees

For stock and option trades, the rows correspond to the commission pricing categories—Bronze, Silver, or Gold—and the columns correspond to the method you use to place your order.

No matter which pricing category you are in, 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.

Fee rates other than those for stock and option trades generally are the same for all customers. In the tables for these other fees, the rows correspond to the type of security or fee.

The fees described in this document apply to the Fidelity Account®, Non-Prototype Retirement Accounts, Fidelity Health Savings Accounts (HSAs), and Fidelity Retirement Accounts (including Traditional, Roth, Rollover, SEP-IRA, and SIMPLE IRAs, Fidelity Keogh accounts, and inherited IRAs and Keoghs). Note that different fee schedules generally apply for Stock Plan Services.

Brokerage Commissions — Which Fee Schedule Applies to You?

For trading stocks and options, we offer three different levels of pricing, with ascending levels of discounts:

- **Bronze** Available to all account owners.
- **Silver** Available to households that meet any of these minimums at Fidelity:
 - \$50,000 or more in assets
 - \$25,000 in assets + 36 trades a year
 - 72 trades a year
- **Gold** Available to households that meet either of these minimums at Fidelity:
 - \$1 million or more in assets
 - \$25,000 in assets + 120 trades a year

Our systems are designed to automatically place you in the most advantageous pricing level. In this process, the systems generally count all eligible accounts, assets and trading activity for your household, meaning all of the accounts included in the periodic statements we provide you. For more information on these policies, including how to make sure you are getting the best pricing you qualify for, see additional information referenced under “Fee and Trading Policies.”

STOCKS

Bronze

Online **\$19.95 per trade** + 1½¢ a share above 1,000 shares
FAST® **\$45.00 per trade** + 4½¢ a share above 500 shares
Rep-Assisted **\$55.00 per trade** + 14¢ a share above 100 shares

Silver

Online **\$10.95 per trade** + 1½¢ a share above 1,000 shares
FAST® **\$25.00 per trade** + 2½¢ a share above 1,000 shares
Rep-Assisted **\$45.00 per trade** + 4½¢ a share above 500 shares

Gold

Online **\$8.00 per trade**; for extended hours trading, directed trading, or shares priced under \$1: + ½¢ a share above 1,000 shares
FAST® **\$20.00 per trade** + 2¢ a share above 1,000 shares
Rep-Assisted **\$35.00 per trade** + 3½¢ a share above 1,000 shares

These commissions and fees apply to U.S. stocks (including short sales), exchange-traded funds (ETFs), and U.S.-traded foreign securities (ADRs, or American Depositary Receipts, and ORDs, or Ordinaries). Maximum charge: 5% of principal. For foreign stocks not traded in the U.S., add \$50 per trade.

OPTIONS

Bronze

Online **\$19.95 per order** + 75¢ per contract
FAST® **\$45.00 per order** + \$2.25 per contract
Rep-Assisted **\$55.00 per order** + \$2.25 per contract

Silver

Online **\$10.95 per order** + 75¢ per contract
FAST® **\$25.00 per order** + \$1.75 per contract
Rep-Assisted **\$45.00 per order** + \$1.75 per contract

Gold

Online **\$8.00 per order** + 75¢ per contract
FAST® **\$20.00 per order** + \$1.75 per contract
Rep-Assisted **\$35.00 per order** + \$1.75 per contract

Buy-to-close trades: regular online stock rates apply when the contract price is 65¢ or less; or regular options rates (as above) apply when the contract price exceeds 65¢. Exercises and assignments: regular online stock rates apply. Selling shares obtained through exercising an option: no charge. Maximum charge: 5% of principal.

Multi-Leg Option orders are charged only one base commission, plus a per contract charge for the total number of contracts executed in the trade.

BONDS

AUCTION PURCHASES

U.S. Treasury including TIPS

Online **No charge**
Rep-Assisted **\$19.95 per trade**

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

Online **No charge**
Rep-Assisted **No charge**

SECONDARY MARKET TRANSACTIONS

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

U.S. Treasury including TIPS

Online **\$0.00 per bond**
Rep-Assisted **\$0.00 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 \$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

Fidelity Funds

All Methods **No transaction fees**

No-Transaction-Fee Funds

Online **\$75.00 per short-term redemption**

FAST® **0.5625% of principal per short-term redemption**; minimum \$75.00, maximum \$187.50

Rep-Assisted **0.75% of principal per short-term redemption**; minimum \$100.00, maximum \$250.00

Transaction-Fee Funds

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

Load Funds

All Methods **No transaction fees**; sales charges may apply

Through FundsNetwork® your account provides access to over 4,500 mutual funds. Note that this section describes only those fees associated with your account. For any fees charged by the fund itself, including any sales charges (for load funds), redemption fees, or exchange fees, see the fund's prospectus. 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.

There are no sales charges except on load funds. Short-term redemption fees apply only to shares of no-transaction-fee funds held 180 days or less. These fees are designed to discourage trading that can be detrimental to other shareholders and are payable to the fund. If there are 15 short-term redemptions in your account in any 12-month period, during the following 12 months we will charge you a transaction fee on every purchase or exchange (including automatic investments) into any non-Fidelity fund. The short-term redemption fees and the fees triggered by 15 short-term redemptions do not apply to money market funds, shares sold through Personal Withdrawal Service, or shares that were bought with reinvested dividends. You can buy shares in a transaction-fee fund from its principal underwriter or distributor without a Fidelity transaction fee. Read a fund's prospectus carefully before you invest.

OTHER INVESTMENTS

Commercial Paper \$50 per transaction

New Issue Certificates of Deposit (CDs) No purchase fee when purchasing directly from the issuer (but note that early redemption fees may apply); when purchasing on the secondary market, fees are same as for Government Agency bonds

Unit Investment Trusts (UITs) \$35 minimum per redemption; no fee to purchase

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

For more information on these investments and the cost of a specific transaction, contact Fidelity at 1-800-544-6666. Minimum fee per precious metals transaction: \$44. Minimum precious metals purchase: \$2,500 (\$1,000 for IRAs). Precious metals may not be purchased in a Fidelity Keogh, and are restricted to certain types of investments in a Fidelity IRA.

OTHER FEES

All Accounts

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

Send a Wire \$15 per transaction; waived for Gold-Level customers and above

Voluntary Reorganizations \$38 per transaction; waived for Gold-Level customers; applies to voluntary transactions such as exercising rights or warrants, participating in tender offers, or converting bonds or preferred stock

Non-Retirement Accounts

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 + \$1.00 per ATM transaction above five transactions per month; households with \$500,000 in assets or 120 trades per year pay no Fidelity ATM fee and Fidelity reimburses domestic ATM fees charged by other institutions up to \$75 per year.

Credit Card No annual fee for Fidelity Investment Rewards Visa Signature® Card + any interest charges and fees you incur (see your card member agreement)

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; waived for Gold-Level customers; applies only to customers who have certificate shares reregistered and shipped.

Manual Check \$10 (Not applicable to Fidelity Retirement Accounts) Available at Investor Centers, manual checks out of a Fidelity account are subject to a \$10 fee (waived for Gold-level accounts).

Cashier's Check \$20 (Not applicable to Fidelity Retirement Accounts) Available only at select Investor Centers, cashier's checks, which are purchased with funds from a Fidelity account, are subject to a \$20 fee (waived for Gold-level accounts).

Retirement Accounts and HSAs

Annual Fees \$25 per year for SIMPLE IRAs, \$48 per year for Fidelity HSAs; deducted from account (usually in November) unless employer has already paid it separately

Close Account \$50 per account for Fidelity IRAs (excluding SIMPLE IRAs), Keogh Accounts, and Fidelity HSAs

ADDITIONAL INFORMATION

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 core account.

Commission and 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 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 commission schedule it qualifies for, and may change your commission schedule at any time based on these reviews. We update commission schedules 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 commission and 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 commission reductions or 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 1-800-544-6666.

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 investment plans, are not subject to the fee for that calendar year. See your Fidelity fund's prospectus for additional information. This fee does not apply to Portfolio Advisory ServicesSM, SIMPLE IRA, CIT, or BrokerageLink accounts.

ATM Fees

For ATM transactions, assets are calculated each business day and free ATM use is extended to the account the following day. Accounts which do not maintain the stated balances may be charged the fee without notice. ATM withdrawals may be subject to other fees and limits.

Limits on Feature Eligibility

Retirement accounts and Fidelity BrokerageLink® accounts cannot trade foreign securities or sell short, are not eligible for margin loans, and may be subject to other rules and policies. Please see the literature for these accounts for details.

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 1-800-544-6666 or visit [Fidelity.com](https://www.fidelity.com).

Margin Fees

Understanding how margin charges are calculated is essential for any investor considering or using margin. The information below, provided in conformity with federal securities regulations, is designed to help you understand the terms, conditions, and methods associated with our margin interest charges.

For all margin borrowing—regardless of what you use it for—we charge interest at an annual rate that is based on two factors: our base rate, and your average debit balance. We set our base rate with reference to commercially recognized interest rates, industry conditions regarding margin credit, and general credit conditions. The table below shows the premiums and discounts we apply to our base rate depending on the average debit balance:

Average Debit Balance	Interest Charged Above/Below Base Rate
\$0–\$9,999.99	+2.00%
\$10,000–\$24,999.99	+1.50%
\$25,000–\$49,999.99	+1.00%
\$50,000–\$99,999.99	+0.50%
\$100,000–\$499,999	+0.00%
\$500,000	-2.825%

In determining your debit balance and interest rate, we combine the margin balances in all of your accounts except short accounts and income accounts. We then compute interest for each account based on the rate resulting from averaging the daily debit balances during the interest period. Interest is charged from the date we extend you credit.

Your rate of interest will change without notice based on changes in the base rate and in your average debit balance. When your interest rate is increased for any other reason, we will give you at least 30 days' written notice. If the base rate is stated as a range, we may apply the high end of the range.

For any month where your monthly margin charges are \$1 or more, your monthly statement will show both the dollar amount and the rate of your interest charges. If your interest rate changed during the month, separate charges will be shown for each rate. Each interest cycle begins the first business day following the 20th of each month.

Other Charges

You may be assessed separate interest charges, at the base rate plus 2 percentage points, in connection with any of the following:

- payments of the proceeds of a security sale in advance of the regular settlement date (such as prepayments must be approved in advance)
- when the market price of a "when-issued" security falls below your contract price by more than the amount of your cash deposit
- when payments for securities purchased are received after the settlement date

How Interest Is Computed

Interest on debit balances is computed by multiplying the average daily debit balance of the account by the applicable interest rate in effect and dividing by 360, times the number of days a daily debit balance was maintained during the interest period.

Marking to Market

The credit balance in the short account will be decreased or increased in accordance with the corresponding market values of all short positions. Corresponding debits or credits will be posted to the margin account. These entries in the margin account will, of course, affect the balance on which interest is computed. Credits in your short account, other than marking to market, will not be used to offset your margin account balance for interest computation.