

Information About Your Fidelity Statement

TDD Service for the Hearing-Impaired Call 800-544-0118, 9 am - 9 pm ET, 7 days a week. Lost or Stolen Cards For 24-Hour worldwide customer service, call 800-529-2164 for American Express or 800-323-5353 for Fidelity® Debit Card.

number on the check. For retirement and health savings accounts (HSA), designate in the memo field whether writing to protect your rights, including those under the Securities Investor Protection Act (SIPA) your contribution is for the current or prior year. Mail checks or other inquiries to: Fidelity Investments, P.O. Box Material Changes Please advise us of material changes in your investment objectives or financial situation 770001. Cincinnati. OH 45277-0003.

Income Summary Shows income by tax status for the statement and year-to-date periods. Except for interest Mutual Funds and Performance Before investing, consider the funds' investment objectives, risks, income earned on, or distributed by, tax-exempt securities, Fidelity reports dividends and capital gains held in charges and expenses. Contact Fidelity for a prospectus containing this information. Read it carefully. taxable accounts as taxable income. A portion of income reported as tax-exempt income may be subject to Performance data shown represents past performance and is no quarantee of future results. alternative minimum taxes and/or state and local taxes. In Traditional IRAs, Rollover IRAs, SEP-IRAs, SIMPLE Investment return and principal value will fluctuate, so you may have a gain or loss when shares are IRAs and Keoghs, earnings are reported as tax-deferred income. In Roth IRAs and HSAs, earnings are reported sold. Current performance may be higher or lower than that quoted. Visit Fidelity.com/performance for as tax-exempt income as they may be federally tax-exempt if certain conditions are met.

purposes. Customers should consult their tax advisors for further information.

or HSA account. Transaction profit or loss is calculated by subtracting purchase cost from sales proceeds based on the status assigned to the shares at the time of purchase.

using the FIFO method if shares were purchased at different times or prices. Statement Mailing We deliver statements at least four times during the calendar year for any account with a balance.

Statement Discrepancies Please review your statement and report any inaccuracies or discrepancies. Inquiries, concerns or questions regarding your brokerage account or the activity therein should be directed to FBS by calling 800-544-6666, and NFS, who carries your brokerage accounts, by calling Additional Investments with Fidelity Make checks payable to Fidelity Investments. Include your account 866-408-1138. Any oral communications regarding inaccuracies or discrepancies should be reconfirmed in

related to your brokerage account(s).

most recent month-end performance.

Cost Basis, Gain/Loss, and Holding Period Information NFS is required to report certain cost basis and Sales Loads & Fees Each fund reserves the right to terminate or modify its exchange privilege in the future. In holding period information to the IRS on Form 1099-B. Unless otherwise specified, NFS applies the average connection with (i) access to, purchase or redemption of, and/or maintenance of positions in mutual funds and cost method for open-end mutual funds and the first-in, first-out (FIFO) method for all other securities. Cost other investment products ("funds") or (ii) infrastructure needed to support such funds, some funds, or their basis is adjusted for wash sales on securities with the same CUSIP held in the same account (unless your investment affiliates, pay FBS and/or NFS sales loads and 12b-1 fees described in the prospectus as well as account receives mark-to-market reporting). Your statement may not reflect all adjustments required for tax additional compensation for shareholder services, start-up fees, infrastructure support and maintenance, and other programs. Additional information about the source(s) and amount(s) of compensation as well as other Cost Fidelity provides purchase cost information for securities held in retirement and HSA accounts. Such remuneration received by FBS or NFS will be furnished to you upon written request. At the time you purchase information may be adjusted for certain transactions and does not reflect dividends or capital gains shares of funds those shares will be assigned either a load, transaction fee (TF) or no transaction fee (NTF) reinvestments. Fidelity reports transaction profit or loss information when securities are sold within a retirement status. When you subsequently sell those shares, any fees applicable to your transaction will be assessed

Additional Information About Your Brokerage Account, If Applicable

as uncleared checks and exclude proceeds from sales of certificated securities without delivery of the securities trades placed for your Fidelity® Personalized Portfolios account are completed on an agency basis certificate. If your FCB is swept to a core position, you can liquidate the core position and have the proceeds by FBS. sent to you or held in your account subject to the terms of your account agreement. Required rule 10b-10(a) SIPC Securities in accounts carried by NFS, a Fidelity Investments company, are protected in accordance with information not contained herein will be provided on written request. Fidelity may use this free credit balance in the SIPC up to \$500,000 (including cash claims limited to \$250,000). For details, including the SIPC brochure, connection with its business, subject to applicable law. Assets Separate from Your Brokerage Account Only please see www.sipc.org or call 1-202-371-8300. NFS has arranged for additional protection for cash and securities in the margin portion of your brokerage account contribute to margin and maintenance requirements. covered securities to supplement its SIPC coverage. Neither coverage protects against a decline in the market Other Assets, which may be reported on your statement, including insurance products that are distributed by value of securities.
FBS and Fidelity Insurance Agency, Inc. and mutual fund only accounts held directly with the fund (Fidelity Investments Fidelity Distributors Corporation (FDC) is the distributor for Fidelity Funds with marketing Mutual Fund Accounts) are not carried by NFS, not covered by the Securities Investor Protection Corporation and shareholder services provided by FBS or NFS. Brokerage services are provided by FBS, which clears (SIPC) and do not count toward your margin and maintenance requirements. Assets held in brokerage all transactions through its affiliate, NFS. NFS carries all brokerage accounts. FBS and NFS are accounts managed by Fidelity Personal and Workplace Advisors LLC (FPWA) are carried by NFS and covered members of the NYSE and SIPC. Upon written request, Fidelity will mail an NFS financial statement, which is by SIPC but do not contribute to your margin and maintenance requirements. Short Account Balances also available for inspection at its office. Fidelity Investments (with pyramid logo) is a trademark of FMR LLC. Securities sold short are held in a segregated short account. These securities are marked-to-market for margin FPWA Services Fidelity Go®, Fidelity® Personalized Planning & Advice and Fidelity® Strategic Disciplines are purposes, and any increase or decrease from the previous week's value is transferred weekly to your margin advisory services offered by FPWA, a registered investment adviser. Fidelity® Stratégic Disciplines includes the pulposes, and any increase of decrease from the previous weeks value is translated weekly to your final in advisory services offered by PPWA, a registered investment adviser. Fidelity® Equity-Income Strategy, the Fidelity® Equity-Income Strategy, the Fidelity® Extrategy and the Fidelity® Extrategy, the Fidelity® Intermediate Municipal delivered to you contains full information about commissions and other charges, and such information is Strategy and the Fidelity® Core Bond Strategy. Fidelity® Wealth Services are advisory services offered by available promptly upon request. Assignments of American and European-style options are allocated among FPWA or Fidelity Personal Trust Company, FSB (FPTC), a federal savings bank. Nondeposit investment customer short positions pursuant to a random allocation procedure, a description is available upon request. Products and trust services offered by FPTC and its affiliates are not insured or guaranteed by the Federal Short positions in American-style options are liable for assignment anytime. The writer of a European-style Deposit Insurance Corporation or any other government agency, are not obligations of any bank, and are option is subject to exercise assignment only during the exercise period. For more information, please call subject to risk, including possible loss of principal. These advisory services are provided for a fee. FBS, FIdelity at 800-544-6666. Equity Dividend Reinvestment Shares credited to your account resulted from NFS, FDC, FPWA and FPTC are direct or indirect subsidiaries of FMR LLC. transactions by FBS acting as agent for your account, or the Depository Trust Company (DTC). Price Ratings Information from Standard & Poors ("S&P") may not be reproduced. S&P credit ratings are Information/Total Market Value The Total Market Value has been calculated out to 9 decimal places; statements of opinion and are not statements of fact or recommendations to purchase, hold, or sell securities, however, the individual unit price is displayed in 5 decimal places. The Total Market Value represents prices nor do they address the suitability of securities for investment purposes, and should not be relied on as obtained from various sources, may be impacted by the frequency with which such prices are reported and investment advice. S&P does not guarantee the accuracy, completeness, timeliness or availability of any such prices are not guaranteed. Prices received from pricing vendors are generally based on current market information, including ratings, and is not responsible for errors or omissions (negligent or otherwise). S&P gives quotes, but when such quotes are not available the pricing vendors use a variety of techniques to estimate no express or implied warranties, including but not limited to any warranties of merchantability or fitness for a value. These estimates, particularly for fixed income securities, may be based on certain minimum principal particular purpose or use. S&P shall not be liable for any direct, indirect, incidental, exemplary, compensatory, amounts (e.g. \$1 million) and may not reflect all of the factors that affect the value of the security, including punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or liquidity risk. The prices provided are not firm bids or offers. Certain securities may reflect N/A or unavailable profits and opportunity costs) in connection with any use of ratings. where the price for such security is generally not available from a pricing source. The Market Value of a Miscellaneous Mutual fund shares, other securities held in your account, and insurance products are neither security, including those priced at par value, may differ from its purchase price and may not closely reflect the deposits nor obligations of, nor endorsed or guaranteed by, any bank or other depositing institution, nor are they value at which the security may be sold or purchased based on various market factors. The sale or redemption federally insured by the FDIC or any other agency. If you request a reprint of your statement, the disclosure of any fixed income security prior to maturity may result in a loss. Prices for Certificates of Deposits (CDs) on information may not be the same as the information originally provided. To confirm that an authorized, direct your statement are generally estimates and are not based on actual market prices. The secondary market for deposit has been made to your Fidelity Account or Fidelity Mutual Fund Account, call Fidelity at CDs is generally illiquid. You should always request a current valuation for your securities prior to making a 1-800-544-5555. financial decision or placing an order.

Executing Orders on the Floor of the NYSE The Floor broker may permit the Designated Market Maker to trade on parity with the order for some or all of the executions associated with filling that order, where such Free credit balances (FCB) are funds payable to you on demand. FCB are subject to open commitments such permission would not be inconsistent with the broker's best execution obligations. Agency Trades Individual

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