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VANGUARD ADMIRAL FUNDS

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PART B
VANGUARD[®] MONEY MARKET RESERVES
VANGUARD ADMIRAL FUNDS[®]

(individually, a Trust; collectively, the Trusts)

VANGUARD PRIME MONEY MARKET FUND, VANGUARD FEDERAL MONEY MARKET FUND, VANGUARD ADMIRAL[™] TREASURY MONEY MARKET FUND (the Funds)

STATEMENT OF ADDITIONAL INFORMATION

December 28, 2012 (revised January 11, 2013)

This Statement of Additional Information is not a prospectus but should be read in conjunction with a Fund's current prospectus (dated December 28, 2012). To obtain, without charge, a prospectus or the most recent Annual Report to Shareholders, which contains the Fund's financial statements as hereby incorporated by reference, please contact The Vanguard Group, Inc. (Vanguard).

Phone: Investor Information Department at 800-662-7447 Online: vanguard.com

TABLE OF CONTENTS

Description of the Trusts	B-1
Fundamental Policies	B-3
Investment Strategies and Nonfundamental Policies	B-4
Share Price	B-14
Purchase and Redemption of Shares	B-15
Management of the Funds	B-16
Investment Advisory Services	B-29
Portfolio Transactions	B-31
Proxy Voting Guidelines	B-32
Financial Statements	B-38
Description of Debt Ratings	B-38

DESCRIPTION OF THE TRUSTS

The Trusts currently offer the following funds and share classes (identified by ticker symbol):

Fund ²	Share Classes ¹		
	Investor	Institutional	ETF
Vanguard Money Market Reserves			
Vanguard Prime Money Market Fund	VMMXX	VMRXX	—
Vanguard Federal Money Market Fund	VMFXX	—	—
Vanguard Admiral Funds			
Vanguard Admiral Treasury Money Market Fund	VUSXX	—	—
Vanguard S&P 500 Growth Index Fund	—	VSPGX	VOOG
Vanguard S&P 500 Value Index Fund	—	VSPVX	VOOV
Vanguard S&P Mid-Cap 400 Index Fund	—	VSPMX	IVOO
Vanguard S&P Mid-Cap 400 Growth Index Fund	—	VMFGX	IVOG
Vanguard S&P Mid-Cap 400 Value Index Fund	—	VMFVX	IVOV
Vanguard S&P Small-Cap 600 Index Fund	—	VSMSX	VIOO
Vanguard S&P Small-Cap 600 Growth Index Fund	—	VSGNX	VIOG
Vanguard S&P Small-Cap 600 Value Index Fund	—	VSMVX	VIOV

1 Individually, a class; collectively, the classes.

2 Individually, a Fund; collectively, the Funds.

For the Vanguard Admiral Funds Trust, this Statement of Additional Information relates only to Vanguard Admiral Treasury Money Market Fund. A separate Statement of Additional Information (dated December 28, 2012) relates to the other Funds in the Vanguard Admiral Funds Trust, and can be obtained free of charge by contacting Vanguard (800-662-7447).

Each Trust has the ability to offer additional funds or classes of shares. There is no limit on the number of full and fractional shares that may be issued for a single fund or class of shares.

Throughout this document, any references to “class” apply only to the extent a Fund issues multiple classes.

Organization

Vanguard Money Market Reserves was organized as Whitehall Money Market Trust in 1974 and was reorganized as a Maryland corporation in 1985. It was then reorganized as a Delaware statutory trust in 1998. Prior to its reorganization as a Delaware statutory trust, the Trust was known as Vanguard Money Market Reserves, Inc. *Vanguard Admiral Funds* was organized as a Maryland corporation in 1992 and was reorganized as a Delaware statutory trust in 1998. Each Trust is registered with the United States Securities and Exchange Commission (the SEC) under the Investment Company Act of 1940 (the 1940 Act) as an open-end management investment company. All Funds within the Trusts are classified as diversified within the meaning of the 1940 Act.

Service Providers

Custodian. Bank of New York Mellon, One Wall Street, New York, NY 10286, serves as the Funds’ custodian. The custodian is responsible for maintaining the Funds’ assets, keeping all necessary accounts and records of Fund assets, and appointing any foreign sub-custodians or foreign securities depositories.

Independent Registered Public Accounting Firm. PricewaterhouseCoopers LLP, Two Commerce Square, Suite 1700, 2001 Market Street, Philadelphia, PA 19103-7042, serves as the Funds’ independent registered public accounting firm. The independent registered public accounting firm audits the Funds’ annual financial statements and provides other related services.

Transfer and Dividend-Paying Agent. The Funds’ transfer agent and dividend-paying agent is Vanguard, P.O. Box 2600, Valley Forge, PA 19482.

Characteristics of the Funds’ Shares

Restrictions on Holding or Disposing of Shares. There are no restrictions on the right of shareholders to retain or dispose of a Fund’s shares, other than those described in the Fund’s current prospectus and elsewhere in this Statement of Additional Information. Each Fund or class may be terminated by reorganization into another mutual fund or class or by liquidation and distribution of the assets of the Fund or class. Unless terminated by reorganization or liquidation, each Fund and share class will continue indefinitely.

Shareholder Liability. Each Trust is organized under Delaware law, which provides that shareholders of a statutory trust are entitled to the same limitations of personal liability as shareholders of a corporation organized under Delaware law. This means that a shareholder of a Fund generally will not be personally liable for payment of the Fund’s debts. Some state courts, however, may not apply Delaware law on this point. We believe that the possibility of such a situation arising is remote.

Dividend Rights. The shareholders of each class of a Fund are entitled to receive any dividends or other distributions declared by the Fund for each such class. No shares of a Fund have priority or preference over any other shares of the Fund with respect to distributions. Distributions will be made from the assets of the Fund and will be paid ratably to all shareholders of a particular class according to the number of shares of the class held by shareholders on the record date. The amount of dividends per share may vary between separate share classes of the Fund based upon differences in the net asset values of the different classes and differences in the way that expenses are allocated between share classes pursuant to a multiple class plan.

Voting Rights. Shareholders are entitled to vote on a matter if (1) the matter concerns an amendment to the Declaration of Trust that would adversely affect to a material degree the rights and preferences of the shares of a Fund or any class; (2) the trustees determine that it is necessary or desirable to obtain a shareholder vote; (3) a merger or consolidation, share conversion, share exchange, or sale of assets is proposed and a shareholder vote is required by the 1940 Act to

approve the transaction; or (4) a shareholder vote is required under the 1940 Act. The 1940 Act requires a shareholder vote under various circumstances, including to elect or remove trustees upon the written request of shareholders representing 10% or more of a Fund's net assets, to change any fundamental policy of a Fund, and to enter into certain merger transactions. Unless otherwise required by applicable law, shareholders of a Fund receive one vote for each dollar of net asset value owned on the record date, and a fractional vote for each fractional dollar of net asset value owned on the record date. However, only the shares of the Fund or class affected by a particular matter are entitled to vote on that matter. In addition, each class has exclusive voting rights on any matter submitted to shareholders that relates solely to that class, and each class has separate voting rights on any matter submitted to shareholders in which the interests of one class differ from the interests of another. Voting rights are noncumulative and cannot be modified without a majority vote.

Liquidation Rights. In the event that a Fund is liquidated, shareholders will be entitled to receive a pro rata share of the Fund's net assets. In the event that a class of shares is liquidated, shareholders of that class will be entitled to receive a pro rata share of the Fund's net assets that are allocated to that class. Shareholders may receive cash, securities, or a combination of the two.

Preemptive Rights. There are no preemptive rights associated with the Funds' shares.

Conversion Rights. Shareholders of the Prime Money Market Fund may convert their shares into another class of shares of the same Fund upon the satisfaction of any then-applicable eligibility requirements as described in the Fund's current prospectus. There are no conversion rights associated with the Federal Money Market and Admiral Treasury Money Market Funds.

Redemption Provisions. Each Fund's redemption provisions are described in its current prospectus and elsewhere in this Statement of Additional Information.

Sinking Fund Provisions. The Funds have no sinking fund provisions.

Calls or Assessment. Each Fund's shares, when issued, are fully paid and non-assessable.

Tax Status of the Funds

Each Fund expects to qualify each year as a "regulated investment company" under Subchapter M of the Internal Revenue Code of 1986, as amended (the IRC). This special tax status means that the Fund will not be liable for federal tax on income and capital gains distributed to shareholders. In order to preserve its tax status, each Fund must comply with certain requirements. If a Fund fails to meet these requirements in any taxable year, the Fund will, in some cases, be able to cure such failure, including by paying a fund-level tax, paying interest, making additional distributions, or disposing of certain assets. If the Fund is ineligible to or otherwise does not cure such failure for any year, it will be subject to tax on its taxable income at corporate rates, and all distributions from earnings and profits, including any distributions of net tax-exempt income and net long-term capital gains, will be taxable to shareholders as ordinary income. In addition, a Fund could be required to recognize unrealized gains, pay substantial taxes and interest, and make substantial distributions before regaining its tax status as a regulated investment company.

FUNDAMENTAL POLICIES

Each Fund is subject to the following fundamental investment policies, which cannot be changed in any material way without the approval of the holders of a majority of the Fund's shares. For these purposes, a "majority" of shares means shares representing the lesser of (1) 67% or more of the Fund's net assets voted, so long as shares representing more than 50% of the Fund's net assets are present or represented by proxy; or (2) more than 50% of the Fund's net assets.

Borrowing. Each Fund may borrow money only as permitted by the 1940 Act or other governing statute, by the Rules thereunder, or by the SEC or other regulatory agency with authority over the Fund.

Commodities. Each Fund may invest in commodities only as permitted by the 1940 Act or other governing statute, by the Rules thereunder, or by the SEC or other regulatory agency with authority over the Fund.

Diversification. Each Fund may not purchase securities of any issuer if, as a result, more than 5% of the Fund's total assets would be invested in that issuer's securities. This limitation does not apply to obligations of the United States government or its agencies or instrumentalities. A Fund may, however, invest in a single issuer as permitted by the SEC (which currently permits a money market fund to invest up to 25% of its total assets in the highest-quality securities of a

single issuer for a period of up to three business days). Additionally, Vanguard Admiral Treasury Money Market Fund may not purchase more than 10% of the outstanding voting securities of any one issuer.

Industry Concentration. Each Fund (other than Vanguard Prime Money Market Fund) will not concentrate its investments in the securities of issuers whose principal business activities are in the same industry, except that each Fund reserves the right to concentrate its investments in government securities, as defined in the 1940 Act, and certificates of deposit and bankers' acceptances issued by domestic banks (which may include U.S. branches of non-U.S. banks).

Vanguard Prime Money Market Fund will concentrate its assets in the securities of issuers whose principal business activities are in the financial services industry. For the purposes of this policy, the financial services industry is deemed to include the group of industries within the financial services sector. In addition, the Fund reserves the right to concentrate its investments in government securities, as defined in the 1940 Act.

Investment Objective. The investment objective of each Fund may not be materially changed without a shareholder vote.

Loans. Each Fund may make loans to another person only as permitted by the 1940 Act or other governing statute, by the Rules thereunder, or by the SEC or other regulatory agency with authority over the Fund.

Real Estate. Each Fund may not invest directly in real estate unless it is acquired as a result of ownership of securities or other instruments. This restriction shall not prevent the Fund from investing in securities or other instruments (1) issued by companies that invest, deal, or otherwise engage in transactions in real estate; or (2) backed or secured by real estate or interests in real estate.

Senior Securities. Each Fund may not issue senior securities except as permitted by the 1940 Act or other governing statute, by the Rules thereunder, or by the SEC or other regulatory agency with authority over the Fund.

Underwriting. Each Fund may not act as an underwriter of another issuer's securities, except to the extent that the Fund may be deemed to be an underwriter within the meaning of the Securities Act of 1933 (the 1933 Act), in connection with the purchase and sale of portfolio securities.

Compliance with the fundamental policies previously described is generally measured at the time the securities are purchased. Unless otherwise required by the 1940 Act (as is the case with borrowing), if a percentage restriction is adhered to at the time the investment is made, a later change in percentage resulting from a change in the market value of assets will not constitute a violation of such restriction. All fundamental policies must comply with applicable regulatory requirements. For more details, see "Investment Strategies and Nonfundamental Policies."

None of these policies prevents the Funds from having an ownership interest in Vanguard. As a part owner of Vanguard, each Fund may own securities issued by Vanguard, make loans to Vanguard, and contribute to Vanguard's costs or other financial requirements. See "Management of the Funds" for more information.

INVESTMENT STRATEGIES AND NONFUNDAMENTAL POLICIES

Some of the investment strategies and policies described on the following pages and in each Fund's prospectus set forth percentage limitations on a Fund's investment in, or holdings of, certain securities or other assets. Unless otherwise required by law, compliance with these strategies and policies will be determined immediately after the acquisition of such securities or assets by the Fund. Subsequent changes in values, net assets, or other circumstances will not be considered when determining whether the investment complies with the Fund's investment strategies and policies.

The following investment strategies and policies supplement each Fund's investment strategies and policies set forth in the prospectus. With respect to the different investments discussed as follows, a Fund may acquire such investments to the extent consistent with its investment strategies and policies.

Borrowing. A fund's ability to borrow money is limited by its investment policies and limitations; by the 1940 Act; and by applicable exemptions, no-action letters, interpretations, and other pronouncements issued from time to time by the SEC and its staff or any other regulatory authority with jurisdiction. Under the 1940 Act, a fund is required to maintain continuous asset coverage (that is, total assets including borrowings, less liabilities exclusive of borrowings) of 300% of the amount borrowed, with an exception for borrowings not in excess of 5% of the fund's total assets made for temporary or emergency purposes. Any borrowings for temporary purposes in excess of 5% of the fund's total assets must maintain

continuous asset coverage. If the 300% asset coverage should decline as a result of market fluctuations or for other reasons, a fund may be required to sell some of its portfolio holdings within three days (excluding Sundays

B-4

and holidays) to reduce the debt and restore the 300% asset coverage, even though it may be disadvantageous from an investment standpoint to sell securities at that time.

Borrowing will tend to exaggerate the effect on net asset value of any increase or decrease in the market value of a fund's portfolio. Money borrowed will be subject to interest costs that may or may not be recovered by earnings on the securities purchased. A fund also may be required to maintain minimum average balances in connection with a borrowing or to pay a commitment or other fee to maintain a line of credit; either of these requirements would increase the cost of borrowing over the stated interest rate.

The SEC takes the position that transactions that have a leveraging effect on the capital structure of a fund or are economically equivalent to borrowing can be viewed as constituting a form of borrowing by the fund for purposes of the 1940 Act. These transactions can include entering into reverse repurchase agreements; engaging in mortgage-dollar-roll transactions; selling securities short (other than short sales "against-the-box"); buying and selling certain derivatives (such as futures contracts); selling (or writing) put and call options; engaging in sale-buybacks; entering into firm-commitment and standby-commitment agreements; engaging in when-issued, delayed-delivery, or forward-commitment transactions; and other similar trading practices. (Additional discussion about a number of these transactions can be found on the following pages.) A borrowing transaction will not be considered to constitute the issuance, by a fund, of a "senior security," as that term is defined in Section 18(g) of the 1940 Act, and therefore such transaction will not be subject to the 300% asset coverage requirement otherwise applicable to borrowings by a fund, if the fund maintains an offsetting financial position; segregates liquid assets (with such liquidity determined by the advisor in accordance with procedures established by the board of trustees) equal (as determined on a daily mark-to-market basis) in value to the fund's potential economic exposure under the borrowing transaction; or otherwise "covers" the transaction in accordance with applicable SEC guidance (collectively, "covers" the transaction). A fund may have to buy or sell a security at a disadvantageous time or price in order to cover a borrowing transaction. In addition, segregated assets may not be available to satisfy redemptions or for other purposes.

Debt Securities. A debt security, sometimes called a fixed income security, is a security consisting of a certificate or other evidence of a debt (secured or unsecured) on which the issuing company or governmental body promises to pay the holder thereof a fixed, variable, or floating rate of interest for a specified length of time, and to repay the debt on the specified maturity date. Some debt securities, such as zero-coupon bonds, do not make regular interest payments but are issued at a discount to their principal or maturity value. Debt securities include a variety of fixed income obligations, including, but not limited to, corporate bonds, government securities, municipal securities, convertible securities, mortgage-backed securities, and asset-backed securities. Debt securities include investment-grade securities, non-investment-grade securities, and unrated securities. Debt securities are subject to a variety of risks, such as interest rate risk, income risk, call/prepayment risk, inflation risk, credit risk, and (in the case of foreign securities) country risk and currency risk. The reorganization of an issuer under the federal bankruptcy laws may result in the issuer's debt securities being cancelled without repayment, repaid only in part, or repaid in part or in whole through an exchange thereof for any combination of cash, debt securities, convertible securities, equity securities, or other instruments or rights in respect of the same issuer or a related entity.

Debt Securities – Commercial Paper. Commercial paper refers to short-term, unsecured promissory notes issued by corporations to finance short-term credit needs. It is usually sold on a discount basis and has a maturity at the time of issuance not exceeding nine months. Commercial paper rated A-1 by Standard & Poor's has the following characteristics: (1) liquidity ratios are adequate to meet cash requirements; (2) long-term senior debt is rated "A" or better; (3) the issuer has access to at least two additional channels of borrowing; (4) basic earnings and cash flow have an upward trend with allowance made for unusual circumstances; (5) typically, the issuer's industry is well established and the issuer has a strong position within the industry; and (6) the reliability and quality of management are unquestioned. Relative strength or weakness of the above factors determines whether the issuer's commercial paper is A-1, A-2, or A-3. The rating Prime-1 is the highest commercial paper rating assigned by Moody's Investors Service, Inc. (Moody's). Among the factors considered by Moody's in assigning ratings are the following: (1) evaluation of the management of the issuer; (2) economic evaluation of the issuer's industry or industries and the appraisal of speculative-type risks that may be inherent in certain areas; (3)

evaluation of the issuer' s products in relation to competition and customer acceptance; (4) liquidity; (5) amount and quality of long-term debt; (6) trend of earnings over a period of ten years; (7) financial strength of a parent company and the relationships that exist with the issuer; and (8) recognition by the management of obligations that may be present or may arise as a result of public-interest questions and preparations to meet such obligations.

B-5

Variable-amount master-demand notes are demand obligations that permit the investment of fluctuating amounts at varying market rates of interest pursuant to arrangement between the issuer and a commercial bank acting as agent for the payees of such notes, whereby both parties have the right to vary the amount of the outstanding indebtedness on the notes.

Because variable-amount master-demand notes are direct lending arrangements between a lender and a borrower, it is not generally contemplated that such instruments will be traded, and there is no secondary market for these notes, although they are redeemable (and thus immediately repayable by the borrower) at face value, plus accrued interest, at any time. In connection with a fund's investment in variable-amount master-demand notes, Vanguard's investment management staff will monitor, on an ongoing basis, the earning power, cash flow, and other liquidity ratios of the issuer, and the borrower's ability to pay principal and interest on demand.

Debt Securities – U.S. Government Securities. The term “U.S. Government Securities” refers to a variety of debt securities that are issued or guaranteed by the U.S. Treasury, by various agencies of the U.S. government, and by various instrumentalities that have been established or sponsored by the U.S. government. The term also refers to repurchase agreements collateralized by such securities.

U.S. Treasury securities are backed by the full faith and credit of the U.S. government. Other types of securities issued or guaranteed by Federal agencies and U.S. government-sponsored instrumentalities may or may not be backed by the full faith and credit of the U.S. government. The U.S. government, however, does not guarantee the market price of any U.S. government securities. In the case of securities not backed by the full faith and credit of the U.S. government, the investor must look principally to the agency or instrumentality issuing or guaranteeing the obligation for ultimate repayment, and may not be able to assert a claim against the United States itself in the event the agency or instrumentality does not meet its commitment.

Some of the U.S. government agencies that issue or guarantee securities include the Government National Mortgage Association, the Export-Import Bank of the United States, the Federal Housing Administration, the Maritime Administration, the Small Business Administration, and the Tennessee Valley Authority. An instrumentality of the U.S. government is a government agency organized under Federal charter with government supervision. Instrumentalities issuing or guaranteeing securities include, among others, the Federal Deposit Insurance Corporation, Federal Home Loan Banks, and the Federal National Mortgage Association.

Debt Securities – Variable and Floating Rate Securities. Variable and floating rate securities are debt securities that provide for periodic adjustments in the interest rate paid on the security. Variable rate securities provide for a specified periodic adjustment in the interest rate, while floating rate securities have interest rates that change whenever there is a change in a designated benchmark rate or the issuer's credit quality. There is a risk that the current interest rate on variable and floating rate securities may not accurately reflect current market interest rates or adequately compensate the holder for the current creditworthiness of the issuer. Some variable or floating rate securities are structured with liquidity features such as (1) put options or tender options that permit holders (sometimes subject to conditions) to demand payment of the unpaid principal balance plus accrued interest from the issuers or certain financial intermediaries or (2) auction-rate features, remarketing provisions, or other maturity-shortening devices designed to enable the issuer to refinance or redeem outstanding debt securities (market-dependent liquidity features). Variable or floating rate securities that include market-dependent liquidity features may have greater liquidity risk than other securities, due to (for example) the failure of a market-dependent liquidity feature to operate as intended (as a result of the issuer's declining creditworthiness, adverse market conditions, or other factors) or the inability or unwillingness of a participating broker-dealer to make a secondary market for such securities. As a result, variable or floating rate securities that include market-dependent liquidity features may lose value, and the holders of such securities may be required to retain them until the later of the repurchase date, the resale date, or maturity. Such liquidity risk may be heightened for certain types of variable rate securities called “extendible municipal securities,” in which the holder of a security is required to retain the investment for the length of the remarketing period (the time frame in which a remarketing agent seeks a new buyer for the security). Extendible municipal securities typically have extended remarketing periods of up to 13 months after a tender date. A demand instrument with a demand

notice exceeding seven days may be considered illiquid if there is no secondary market for such security. Extendible municipal securities that have been “extended” into a longer remarketing period may also be considered illiquid.

Derivatives. A derivative is a financial instrument that has a value based on—or “derived from”—the values of other assets, reference rates, or indexes. Derivatives may relate to a wide variety of underlying references, such as commodities, stocks, bonds, interest rates, currency exchange rates, and related indexes. Derivatives include futures contracts and options on futures contracts, forward-commitment transactions, options on securities, caps, floors, collars, swap agreements, and other financial instruments. Some derivatives, such as futures contracts and certain options, are

traded on U.S. commodity and securities exchanges, while other derivatives, such as swap agreements, are privately negotiated and entered into in the over-the-counter (OTC) market. As a result of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”), certain swap agreements may be cleared through a clearinghouse and traded on an exchange or swap execution facility. New regulations could, among other things, increase the costs of such transactions. The risks associated with the use of derivatives are different from, and possibly greater than, the risks associated with investing directly in the securities, assets, or market indexes on which the derivatives are based. Derivatives are used by some investors for speculative purposes. Derivatives also may be used for a variety of purposes that do not constitute speculation, such as hedging, risk management, seeking to stay fully invested, seeking to reduce transaction costs, seeking to simulate an investment in equity or debt securities or other investments, seeking to add value by using derivatives to more efficiently implement portfolio positions when derivatives are favorably priced relative to equity or debt securities or other investments, and for other purposes. There is no assurance that any derivatives strategy used by a fund’s advisor will succeed. The counterparties to the funds’ derivatives will not be considered the issuers thereof for purposes of certain provisions of the 1940 Act and the IRC, although such derivatives may qualify as securities or investments under such laws. The funds’ advisors, however, will monitor and adjust, as appropriate, the funds’ credit risk exposure to derivative counterparties.

Derivative products are highly specialized instruments that require investment techniques and risk analyses different from those associated with stocks, bonds, and other traditional investments. The use of a derivative requires an understanding not only of the underlying instrument but also of the derivative itself, without the benefit of observing the performance of the derivative under all possible market conditions.

The use of derivatives generally involves the risk that a loss may be sustained as a result of the insolvency or bankruptcy of the other party to the contract (usually referred to as a “counterparty”) or the failure of the counterparty to make required payments or otherwise comply with the terms of the contract. Additionally, the use of credit derivatives can result in losses if a fund’s advisor does not correctly evaluate the creditworthiness of the issuer on which the credit derivative is based. Derivatives may be subject to liquidity risk, which exists when a particular derivative is difficult to purchase or sell. If a derivative transaction is particularly large or if the relevant market is illiquid (as is the case with many OTC derivatives), it may not be possible to initiate a transaction or liquidate a position at an advantageous time or price.

Derivatives may be subject to pricing or “basis” risk, which exists when a particular derivative becomes extraordinarily expensive relative to historical prices or the prices of corresponding cash market instruments. Under certain market conditions, it may not be economically feasible to initiate a transaction or liquidate a position in time to avoid a loss or take advantage of an opportunity.

Because many derivatives have a leverage component, adverse changes in the value or level of the underlying asset, reference rate, or index can result in a loss substantially greater than the amount invested in the derivative itself. Certain derivatives have the potential for unlimited loss, regardless of the size of the initial investment. A derivative transaction will not be considered to constitute the issuance, by a fund, of a “senior security,” as that term is defined in Section 18(g) of the 1940 Act, and therefore such transaction will not be subject to the 300% asset coverage requirement otherwise applicable to borrowings by a fund, if the fund covers the transaction in accordance with the requirements described under the heading “*Borrowing*.”

Like most other investments, derivative instruments are subject to the risk that the market value of the instrument will change in a way detrimental to a fund’s interest. A fund bears the risk that its advisor will incorrectly forecast future market trends or the values of assets, reference rates, indexes, or other financial or economic factors in establishing derivative positions for the fund. If the advisor attempts to use a derivative as a hedge against, or as a substitute for, a portfolio investment, the fund will be exposed to the risk that the derivative will have or will develop imperfect or no correlation with the portfolio investment. This could cause substantial losses for the fund. Although hedging strategies involving derivative instruments can reduce the risk of loss, they can also reduce the opportunity for gain or even result in losses by offsetting favorable price movements in other fund investments. Many derivatives (in particular, OTC derivatives) are complex and

often valued subjectively. Improper valuations can result in increased cash payment requirements to counterparties or a loss of value to a fund.

Each Fund intends to comply with Rule 4.5 of the Commodity Futures Trading Commission, under which a mutual fund is conditionally excluded from the definition of the term “commodity pool operator” (CPO). Accordingly, neither the Funds nor Vanguard are subject to registration or regulation as CPOs under the Commodity Exchange Act.

B-7

Eurodollar and Yankee Obligations. Eurodollar bank obligations are dollar-denominated certificates of deposit and time deposits issued outside the U.S. capital markets by foreign branches of banks and by foreign banks. Yankee bank obligations are dollar-denominated obligations issued in the U.S. capital markets by foreign banks.

Eurodollar and Yankee obligations are subject to the same risks that pertain to domestic issuers, most notably income risk (and, to a lesser extent, credit risk, market risk, and liquidity risk). Additionally, Eurodollar (and, to a limited extent, Yankee) obligations are subject to certain sovereign risks. One such risk is the possibility that a sovereign country might prevent capital, in the form of dollars, from flowing across its borders. Other risks include: adverse political and economic developments; the extent and quality of government regulation of financial markets and institutions; the imposition of foreign withholding taxes; and expropriation or nationalization of foreign issuers. However, Eurodollar and Yankee obligations will undergo the same type of credit analysis as domestic issuers in which a Vanguard fund invests, and they will have at least the same financial strength as the domestic issuers approved for the fund.

Interfund Borrowing and Lending. The SEC has granted an exemption permitting the Vanguard funds to participate in Vanguard's interfund lending program. This program allows the Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes. The program is subject to a number of conditions, including, among other things, the requirements that (1) no fund may borrow or lend money through the program unless it receives a more favorable interest rate than is typically available from a bank for a comparable transaction; (2) no equity, taxable bond, or money market fund may loan money if the loan would cause its aggregate outstanding loans through the program to exceed 5%, 7.5%, or 10%, respectively, of its net assets at the time of the loan; and (3) a fund's interfund loans to any one fund shall not exceed 5% of the lending fund's net assets. In addition, a Vanguard fund may participate in the program only if and to the extent that such participation is consistent with the fund's investment objective and investment policies. The boards of trustees of the Vanguard funds are responsible for overseeing the interfund lending program. Any delay in repayment to a lending fund could result in a lost investment opportunity or additional borrowing costs.

Municipal Bonds. Municipal bonds are debt obligations issued by states, municipalities, and other political subdivisions; and agencies, authorities, and instrumentalities of states and multi-state agencies or authorities (collectively, municipalities). Typically, the interest payable on municipal bonds is, in the opinion of bond counsel to the issuer at the time of issuance, exempt from federal income tax. Municipal bonds include securities from a variety of sectors, each of which has unique risks. Municipal bonds include, but are not limited to, general obligation bonds, limited obligation bonds, and revenue bonds, including industrial development bonds issued pursuant to federal tax law.

General obligation bonds are secured by the issuer's pledge of its full faith, credit, and taxing power for the payment of principal and interest. Limited obligation bonds are payable only from the revenues derived from a particular facility or class of facilities or, in some cases, from the proceeds of a special excise or other specific revenue source. Revenue or special tax bonds are payable only from the revenues derived from a particular facility or class of facilities or, in some cases, from the proceeds of a special excise or other tax, but not from general tax revenues.

Revenue bonds involve the credit risk of the underlying project or enterprise (or its corporate user) rather than the credit risk of the issuing municipality. Under the IRC, certain limited obligation bonds are considered "private activity bonds" and interest paid on such bonds is treated as an item of tax preference for purposes of calculating federal alternative minimum tax liability. Tax-exempt private activity bonds and industrial development bonds generally are also classified as revenue bonds and thus are not payable from the issuer's general revenues. The credit and quality of private activity bonds and industrial development bonds are usually related to the credit of the corporate user of the facilities. Payment of interest on and repayment of principal of such bonds are the responsibility of the corporate user (and/or any guarantor). Some municipal bonds may be issued as variable or floating rate securities and may incorporate market-dependent liquidity features (see discussion of "Debt Securities—Variable and Floating Rate Securities"). A tax-exempt fund will generally invest only in securities deemed tax-exempt by a nationally recognized bond counsel, but there is no guarantee that the interest payments on municipal bonds will continue to be tax-exempt for the life of the bonds.

Some longer-term municipal bonds give the investor the right to "put" or sell the security at par (face value) within a specified number of days following the investor's request—usually one to seven days. This demand feature enhances a

security' s liquidity by shortening its maturity and enables it to trade at a price equal to or very close to par. If a demand feature terminates prior to being exercised, a fund would hold the longer-term security, which could experience substantially more volatility. Municipal bonds that are issued as variable or floating rate securities incorporating market dependent liquidity features may have greater liquidity risk than other municipal bonds (see discussion of “*Debt Securities–Variable and Floating Rate Securities*”).

Some municipal bonds feature credit enhancements, such as lines of credit, letters of credit, municipal bond insurance, and standby bond purchase agreements (SBPAs). SBPAs include lines of credit that are issued by a third party, usually a bank, to enhance liquidity and ensure repayment of principal and any accrued interest if the underlying municipal bond should default. Municipal bond insurance, which is usually purchased by the bond issuer from a private, nongovernmental insurance company, provides an unconditional and irrevocable guarantee that the insured bond's principal and interest will be paid when due. Insurance does not guarantee the price of the bond or the share price of any fund. The credit rating of an insured bond reflects the higher of the credit rating of the insurer, based on its claims-paying ability, or the credit rating of the underlying bond issuer or obligor. The obligation of a municipal bond insurance company to pay a claim extends over the life of each insured bond. Although defaults on insured municipal bonds have been historically low and municipal bond insurers historically have met their claims, there is no assurance this will continue. A higher-than-expected default rate could strain the insurer's loss reserves and adversely affect its ability to pay claims to bondholders. The number of municipal bond insurers is relatively small, and not all of them have the highest credit rating. An SBPA can include a liquidity facility that is provided to pay the purchase price of any bonds that cannot be remarketed. The obligation of the liquidity provider (usually a bank) is only to advance funds to purchase tendered bonds that cannot be remarketed and does not cover principal or interest under any other circumstances. The liquidity provider's obligations under the SBPA are usually subject to numerous conditions, including the continued creditworthiness of the underlying borrower or bond issuer. Municipal bonds also include tender option bonds, which are municipal derivatives created by dividing the income stream provided by an underlying municipal bond to create two securities issued by a special-purpose trust, one short-term and one long-term. The interest rate on the short-term component is periodically reset. The short-term component has negligible interest rate risk, while the long-term component has all of the interest rate risk of the original bond. After income is paid on the short-term securities at current rates, the residual income goes to the long-term securities. Therefore, rising short-term interest rates result in lower income for the longer-term portion, and vice versa. The longer-term components can be very volatile and may be less liquid than other municipal bonds of comparable maturity. These securities have been developed in the secondary market to meet the demand for short-term, tax-exempt securities.

Municipal securities also include a variety of structures geared towards accommodating municipal-issuer short-term cash-flow requirements. These structures include, but are not limited to, general market notes, commercial paper, put bonds, and variable-rate demand obligations (VRDOs). VRDOs comprise a significant percentage of the outstanding debt in the short-term municipal market. VRDOs can be structured to provide a wide range of maturity options (1 day to over 360 days) to the underlying issuing entity and are typically issued at par. The longer the maturity option, the greater the degree of liquidity risk (the risk of not receiving an asking price of par or greater) and reinvestment risk (the risk that the proceeds from maturing bonds must be reinvested at a lower interest rate).

Although most municipal bonds are exempt from federal income tax, some are not. Taxable municipal bonds include Build America Bonds (BABs); the borrowing costs of BABs are subsidized by the federal government, but BABs are subject to state and federal income tax. BABs were created pursuant to the American Recovery and Reinvestment Act of 2009 (ARRA) to offer an alternative form of financing to state and local governments whose primary means for accessing the capital markets had been through the issuance of tax-free municipal bonds. BABs also include Recovery Zone Economic Development Bonds, which are subsidized more heavily by the federal government than other BABs and are designed to finance certain types of projects in distressed geographic areas.

Under ARRA, an issuer of a BAB is entitled to receive payments from the U.S. Treasury Department over the life of the BAB equal to 35% of the interest paid (or 45% of the interest paid in the case of a Recovery Zone Economic Development Bond). For example, if a state or local government were to issue a BAB at a taxable interest rate of 10% of the par value of the bond, the U.S. Treasury Department would make a payment directly to the issuing government of 35% of that interest (3.5% of the par value of the bond) or 45% of the interest (4.5% of the par value of the bond) in the case of a Recovery Zone Economic Development Bond. Thus, the state or local government's net borrowing cost would be 6.5% or 5.5%, respectively, on BABs that pay 10% interest. In other cases, holders of a BAB receive a 35% or 45% tax credit, respectively. The BAB program expired on December 31, 2010. BABs outstanding prior to the expiration of the program continue to be

eligible for the federal interest rate subsidy or tax credit, which continues for the life of the BABs; however, no bonds issued following expiration of the program would be eligible for federal payment or tax credit. In addition to BABs, the Fund may invest in other municipal bonds that pay taxable interest.

The reorganization under the federal bankruptcy laws of an issuer of, or payment obligor with respect to, municipal bonds may result in the municipal bonds being cancelled without repayment; repaid only in part; or repaid in part or whole through an exchange thereof for any combination of cash, municipal bonds, debt securities, convertible securities, equity securities, or other instruments or rights in respect of the same issuer or payment obligor or a related entity.

The yields of municipal bonds depend on, among other things, general money market conditions, conditions in the municipal bond market, the size of a particular offering, the maturity of the obligation, and the rating of the issue. The ratings of Moody's Investors Service, Inc., Standard & Poor's, and other nationally recognized statistical rating organizations (NRSROs) represent their opinions of the quality of the municipal bonds rated by them. It should be emphasized that such ratings are general and are not absolute standards of quality. Consequently, municipal bonds with the same maturity, coupon, and rating may have different yields, while municipal bonds of the same maturity and coupon, but with different ratings, may have the same yield. It is the responsibility of a fund's investment management staff to appraise independently the fundamental quality of bonds held by the fund.

Municipal Bonds – Risks. Municipal bonds are subject to credit risk. Like other debt securities, municipal bonds include investment-grade, non-investment-grade, and unrated securities. Rated municipal bonds that may be held by a fund include those rated investment grade at the time of investment or those issued by issuers whose senior debt is rated investment grade at the time of investment. In the case of any unrated municipal bonds, the advisor to a fund will assign a credit rating based upon criteria that include an analysis of factors similar to those considered by NRSROs. Information about the financial condition of an issuer of municipal bonds may not be as extensive as that which is made available by corporations whose securities are publicly traded. Obligations of issuers of municipal bonds are subject to the provisions of bankruptcy, insolvency, and other laws affecting the rights and remedies of creditors. Congress or state legislatures may seek to extend the time for payment of principal or interest, or both, or to impose other constraints upon enforcement of such obligations. For example, from time to time, proposals have been introduced before Congress to restrict or eliminate the federal income tax exemption for interest on municipal bonds. Also, from time to time, proposals have been introduced before state and local legislatures to restrict or eliminate the state and local income tax exemption for interest on municipal bonds. Similar proposals may be introduced in the future. If any such proposal were enacted, it might restrict or eliminate the ability of a Fund to achieve its respective investment objective. In that event, the fund's trustees and officers would re-evaluate its investment objective and policies and consider recommending to its shareholders changes in such objective and policies. There is also the possibility that, as a result of litigation or other conditions, the power or ability of issuers to meet their obligations for the payment of interest and principal on their municipal bonds may be materially affected or their obligations may be found to be invalid or unenforceable. Such litigation or conditions may, from time to time, have the effect of introducing uncertainties in the market for municipal bonds or certain segments thereof, or of materially affecting the credit risk with respect to particular bonds. Adverse economic, business, legal, or political developments might affect all or a substantial portion of a fund's municipal bonds in the same manner. For example, a state specific tax-exempt fund is subject to state-specific risk, which is the chance that the fund, because it invests primarily in securities issued by a particular state and its municipalities, is more vulnerable to unfavorable developments in that state than are funds that invest in municipal securities of many states. Unfavorable developments in any economic sector may have far-reaching ramifications on a state's overall municipal market. In the event that a particular obligation held by a fund is downgraded below the minimum investment level permitted by the investment policies of such fund, the trustees and officers of the fund will carefully assess the creditworthiness of the obligation to determine whether it continues to meet the policies and objective of the fund.

Municipal bonds are subject to interest rate risk. Interest rate risk is the chance that bond prices overall will decline over short or even long periods because of rising interest rates. Interest rate risk is higher for long-term bonds, whose prices are much more sensitive to interest rate changes than are the prices of shorter-term bonds. Generally, prices of longer-maturity issues tend to fluctuate more than prices of shorter-maturity issues. Prices and yields on municipal bonds are dependent on a variety of factors, such as the financial condition of the issuer, general conditions of the municipal bond market, the size of

a particular offering, the maturity of the obligation, and the rating of the issue. A number of these factors, including the ratings of particular issues, are subject to change from time to time.

Municipal bonds are subject to call risk. Call risk is the chance that during periods of falling interest rates, issuers of callable bonds may call (redeem) securities with higher coupons or interest rates before their maturity dates. A fund would then lose any price appreciation above the bond's call price and would be forced to reinvest the unanticipated proceeds at lower interest rates, resulting in a decline in the fund's income. Call risk is generally high for long-term bonds.

B-10

Municipal bonds may be deemed to be illiquid as determined by or in accordance with methods adopted by a fund's board of trustees. In determining the liquidity and appropriate valuation of a municipal bond, a fund's advisor may consider the following factors relating to the security, among others: (1) the frequency of trades and quotes; (2) the number of dealers willing to purchase or sell the security; (3) the willingness of dealers to undertake to make a market; (4) the nature of the marketplace trades, including the time needed to dispose of the security, the method of soliciting offers, and the mechanics of transfer; and (5) factors unique to a particular security, including general creditworthiness of the issuer and the likelihood that the marketability of the securities will be maintained throughout the time the security is held by the fund.

Other Investment Companies. A fund may invest in other investment companies to the extent permitted by applicable law or SEC exemption. Under Section 12(d)(1) of the 1940 Act, a fund generally may invest up to 10% of its assets in shares of investment companies and up to 5% of its assets in any one investment company, as long as no investment represents more than 3% of the voting stock of an acquired investment company. In addition, no funds for which Vanguard acts as an advisor may, in the aggregate, own more than 10% of the voting stock of a closed-end investment company. The 1940 Act and related rules provide certain exemptions from these restrictions. If a fund invests in other investment companies, shareholders will bear not only their proportionate share of the fund's expenses (including operating expenses and the fees of the advisor), but also, indirectly, may bear the similar expenses of the underlying investment companies. Certain investment companies, such as business development companies (BDCs), are more akin to operating companies and, as such, their expenses are not direct expenses paid by fund shareholders and are not used to calculate the fund's net asset value. SEC rules nevertheless require that any expenses incurred by a BDC be included in a fund's expense ratio as "Acquired Fund Fees and Expenses." The expense ratio of a fund that holds a BDC will need to overstate what the fund actually spends on portfolio management, administrative services, and other shareholder services by an amount equal to these Acquired Fund Fees and Expenses. The Acquired Fund Fees and Expenses are not included in a fund's financial statements, which provide a clearer picture of a fund's actual operating expenses. Shareholders would also be exposed to the risks associated not only with the investments of the fund, but also with the portfolio investments of the underlying investment companies. Certain types of investment companies, such as closed-end investment companies, issue a fixed number of shares that typically trade on a stock exchange or over-the-counter at a premium or discount to their net asset value. Others are continuously offered at net asset value but also may be traded on the secondary market.

Repurchase Agreements. A repurchase agreement is an agreement under which a fund acquires a fixed income security (generally a security issued by the U.S. government or an agency thereof, a banker's acceptance, or a certificate of deposit) from a commercial bank, broker, or dealer, and simultaneously agrees to resell such security to the seller at an agreed-upon price and date (normally, the next business day). Because the security purchased constitutes collateral for the repurchase obligation, a repurchase agreement may be considered a loan that is collateralized by the security purchased. The resale price reflects an agreed-upon interest rate effective for the period the instrument is held by a fund and is unrelated to the interest rate on the underlying instrument. In these transactions, the securities acquired by a fund (including accrued interest earned thereon) must have a total value in excess of the value of the repurchase agreement and be held by a custodian bank until repurchased. When entering into a repurchase agreement with the Federal Reserve, the collateral received will equal 100% of the value of the repurchase agreement. In addition, the investment advisor will monitor a fund's repurchase agreement transactions generally and will evaluate the creditworthiness of any bank, broker, or dealer party to a repurchase agreement relating to a fund. The aggregate amount of any such agreements is not limited, except to the extent required by law.

The use of repurchase agreements involves certain risks. One risk is the seller's ability to pay the agreed-upon repurchase price on the repurchase date. If the seller defaults, the fund may incur costs in disposing of the collateral, which would reduce the amount realized thereon. If the seller seeks relief under the bankruptcy laws, the disposition of the collateral may be delayed or limited. For example, if the other party to the agreement becomes insolvent and subject to liquidation or reorganization under the bankruptcy or other laws, a court may determine that the underlying security is collateral for a loan by the fund not within its control and therefore the realization by the fund on such collateral may be automatically stayed.

Finally, it is possible that the fund may not be able to substantiate its interest in the underlying security and may be deemed an unsecured creditor of the other party to the agreement.

Restricted and Illiquid Securities. Illiquid securities are securities that cannot be sold or disposed of in the ordinary course of business within seven business days at approximately the value at which they are being carried on a fund's books. The SEC generally limits aggregate holdings of illiquid securities by a mutual fund to 15% of its net assets (5% for

money market funds). A fund may experience difficulty valuing and selling illiquid securities and, in some cases, may be unable to value or sell certain illiquid securities for an indefinite period of time. Illiquid securities may include a wide variety of investments, such as (1) repurchase agreements maturing in more than seven days (unless the agreements have demand/redemption features), (2) OTC options contracts and certain other derivatives (including certain swap agreements), (3) fixed time deposits that are not subject to prepayment or do not provide for withdrawal penalties upon prepayment (other than overnight deposits), (4) loan interests and other direct debt instruments, (5) municipal lease obligations, (6) commercial paper issued pursuant to Section 4(2) of the 1933 Act, and (7) securities whose disposition is restricted under the federal securities laws. Illiquid securities include restricted, privately placed securities that, under the federal securities laws, generally may be resold only to qualified institutional buyers. If a substantial market develops for a restricted security held by a fund, it may be treated as a liquid security, in accordance with procedures and guidelines approved by the board of trustees. This generally includes securities that are unregistered, that can be sold to qualified institutional buyers in accordance with Rule 144A under the 1933 Act, or that are exempt from registration under the 1933 Act, such as commercial paper. Although a fund's advisor monitors the liquidity of restricted securities, the board of trustees oversees and retains ultimate responsibility for the advisor's liquidity determinations. Several factors that the trustees consider in monitoring these decisions include the valuation of a security; the availability of qualified institutional buyers, brokers, and dealers that trade in the security; and the availability of information about the security's issuer.

Securities Lending. A fund may lend its investment securities to qualified institutional investors (typically brokers, dealers, banks, or other financial institutions) who may need to borrow securities in order to complete certain transactions, such as covering short sales, avoiding failures to deliver securities, or completing arbitrage operations. By lending its investment securities, a fund attempts to increase its net investment income through the receipt of interest on the securities lent. Any gain or loss in the market price of the securities lent that might occur during the term of the loan would be for the account of the fund. If the borrower defaults on its obligation to return the securities lent because of insolvency or other reasons, a fund could experience delays and costs in recovering the securities lent or in gaining access to the collateral. These delays and costs could be greater for foreign securities. If a fund is not able to recover the securities lent, a fund may sell the collateral and purchase a replacement investment in the market. The value of the collateral could decrease below the value of the replacement investment by the time the replacement investment is purchased. Cash received as collateral through loan transactions may be invested in other eligible securities. Investing this cash subjects that investment to market appreciation or depreciation. Currently, Vanguard funds that lend securities invest the cash collateral received in one or more Vanguard CMT Funds, which are very low-cost money market funds.

The terms and the structure of the loan arrangements, as well as the aggregate amount of securities loans, must be consistent with the 1940 Act and the rules or interpretations of the SEC thereunder. These provisions limit the amount of securities a fund may lend to 33 1/3% of the fund's total assets, and require that (1) the borrower pledge and maintain with the fund collateral consisting of cash, an irrevocable letter of credit, or securities issued or guaranteed by the U.S. government having at all times not less than 100% of the value of the securities lent; (2) the borrower add to such collateral whenever the price of the securities lent rises (i.e., the borrower "marks-to-market" on a daily basis); (3) the loan be made subject to termination by the fund at any time; and (4) the fund receive reasonable interest on the loan (which may include the fund's investing any cash collateral in interest-bearing short-term investments), any distribution on the lent securities, and any increase in their market value. Loan arrangements made by each fund will comply with all other applicable regulatory requirements, including the rules of the New York Stock Exchange, which presently require the borrower, after notice, to redeliver the securities within the normal settlement time of three business days. The advisor will consider the creditworthiness of the borrower, among other things, in making decisions with respect to the lending of securities, subject to oversight by the board of trustees. At the present time, the SEC does not object if an investment company pays reasonable negotiated fees in connection with lent securities, so long as such fees are set forth in a written contract and approved by the investment company's trustees. In addition, voting rights pass with the lent securities, but if a fund has knowledge that a material event will occur affecting securities on loan, and in respect of which the holder of the securities will be entitled to vote or consent, the lender must be entitled to call the loaned securities in time to vote or consent. A fund

bears the risk that there may be a delay in the return of the securities, which may impair the fund' s ability to vote on such a matter.

Pursuant to Vanguard' s securities lending policy, Vanguard' s fixed income and money market funds are not permitted to, and do not, lend their investment securities.

B-12

Tax Matters – Federal Tax Discussion. Discussion herein of U.S. federal income tax matters summarizes some of the important, generally applicable U.S. federal tax considerations relevant to investment in a fund based on the IRC, U.S. Treasury regulations, and other applicable authority. These authorities are subject to change by legislative, administrative, or judicial action, possibly with retroactive effect. A shareholder should consult his or her tax professional regarding the particular situation for information on the possible application of U.S. federal, state, local, foreign, and other taxes.

Tax Matters – Federal Tax Treatment of Derivatives, Hedging, and Related Transactions. A fund's transactions in derivative instruments (including, but not limited to, options, futures, forward contracts, and swap agreements), as well as any of the fund's hedging, short sale, securities loan, or similar transactions, may be subject to one or more special tax rules that affect the treatment of gains or losses recognized by the fund as ordinary or capital. These transactions may also accelerate the recognition of income or gains to the fund, defer losses to the fund, and cause adjustments in the holding period of the fund's securities.

In order for a fund to continue to qualify for federal income tax treatment as a regulated investment company, at least 90% of its gross income for a taxable year must be derived from qualifying income—i.e., dividends, interest, income derived from securities loans, gains from the sale of securities or foreign currencies, or other income derived with respect to the fund's business of investing in securities or currencies. Any net gain from options, futures, and forward contracts will be treated as qualifying income.

Tax Matters – Federal Tax Treatment of Non-U.S. Currency Transactions. Special rules govern the federal income tax treatment of certain transactions denominated in a currency other than the U.S. dollar, determined by reference to the value of one or more currencies other than the U.S. dollar and the disposition of a currency other than the U.S. dollar by a taxpayer whose functional currency is the U.S. dollar. However, foreign-currency-related regulated futures contracts and non-equity options are generally not subject to the special currency rules if they are or would be treated as sold for their fair market value at year end under the marking-to-market rules applicable to other futures contracts unless an election is made to have such currency rules apply. With respect to transactions covered by the special rules, foreign currency gain or loss is calculated separately from any gain or loss on the underlying transaction and is normally taxable as ordinary income or loss. A taxpayer may elect to treat, as capital gain or loss, foreign currency gain or loss arising from certain identified forward contracts, futures contracts, and options that are capital assets in the hands of the taxpayer and that are not part of a straddle. The Treasury Department issued regulations under which certain transactions subject to the special currency rules that are part of a "section 988 hedging transaction" (as defined in the IRC and the Treasury regulations) will be integrated and treated as a single transaction or otherwise treated consistently for purposes of the IRC. Any gain or loss attributable to the foreign currency component of a transaction engaged in by a fund that is not subject to the special currency rules (such as foreign equity investments other than certain preferred stocks) will be treated as a capital gain or loss and will not be segregated from the gain or loss on the underlying transaction. It is anticipated that some of the non-U.S. dollar-denominated investments and foreign currency contracts a fund may make or enter into will be subject to the special currency rules described within this policy.

Tax Matters – Foreign Tax Credit. Foreign governments may withhold taxes on dividends and interest paid with respect to foreign securities held by a fund. Foreign governments may also impose taxes on other payments or gains with respect to foreign securities. If, at the close of its fiscal year, more than 50% of a fund's total assets are invested in securities of foreign issuers, the fund may elect to pass through to shareholders the ability to deduct or, if they meet certain holding period requirements, take a credit for foreign taxes paid by the fund. Similarly, if, at the close of each quarter of a fund's taxable year, at least 50% of its total assets consist of interests in other regulated investment companies, the fund is permitted to elect to pass through to its shareholders the foreign income taxes paid by the fund in connection with foreign securities held directly by the fund or held by a regulated investment company in which the fund invests that itself has elected to pass through such taxes to shareholders.

Tax Matters – Tax Considerations for Non-U.S. Investors. U.S. withholding and estate taxes and certain U.S. tax reporting requirements may apply to any investments made by non-U.S. investors in Vanguard funds. The American Jobs Creation Act of 2004, as extended by the Emergency Economic Stabilization Act of 2008 and later by the Tax Relief,

Unemployment Insurance Reauthorization, and Job Creation Act of 2010, provided relief from U.S. withholding tax for certain properly designated distributions made with respect to a fund's taxable year beginning prior to 2012, assuming the investor provides valid tax documentation certifying non-U.S. status. The relief does not by its terms apply to a fund's taxable year beginning in or after 2012 unless so extended by Congress. If Congress extends this relief, Vanguard will generally apply it on a prospective basis, where applicable, to fund distributions made to you if you invest directly with Vanguard. If you hold fund shares (including ETF shares) through a broker or intermediary, your broker or intermediary

may apply this relief, if extended, to distributions made to you with respect to those shares. If your broker or intermediary instead collects withholding tax where this relief has been extended and is applicable, you may be able to reclaim such withholding tax from the IRS. Please consult your tax advisor.

Please be aware that the U.S. tax information contained in this Statement of Additional Information is not intended or written to be used, and cannot be used, for the purpose of avoiding U.S. tax penalties.

Time Deposits. Vanguard Prime Money Market Fund may invest in U.S. dollar-denominated time deposits of U.S. banks, foreign branches of U.S. banks, and foreign branches of foreign banks. Time deposits are interest-bearing, non-negotiable deposits at a bank with a specific maturity date. A time deposit earns a negotiated rate of interest over a definite period of time. For Vanguard Prime Money Market Fund, time deposits are typically no longer than overnight.

Time deposits are subject to the same risks that pertain to domestic issuers of money market instruments, most notably credit risk (and, to a lesser extent, income risk, market risk, and liquidity risk). Additionally, time deposits of foreign branches of U.S. banks and foreign branches of foreign banks may be subject to certain sovereign risks. One such risk is the possibility that a sovereign country might prevent capital, in the form of U.S. dollars, from flowing across its borders. Other risks include adverse political and economic developments, the extent and quality of government regulation of financial markets and institutions, the imposition of foreign withholding taxes, and expropriation or nationalization of foreign issuers. However, time deposits of such issuers will undergo the same type of credit analysis as domestic issuers in which a Vanguard fund invests, and will have at least the same financial strength as the domestic issuers approved for the fund.

When-Issued, Delayed-Delivery, and Forward-Commitment Transactions. When-issued, delayed-delivery, and forward-commitment transactions involve a commitment to purchase or sell specific securities at a predetermined price or yield in which payment and delivery take place after the customary settlement period for that type of security. Typically, no interest accrues to the purchaser until the security is delivered. When purchasing securities pursuant to one of these transactions, payment for the securities is not required until the delivery date. However, the purchaser assumes the rights and risks of ownership, including the risks of price and yield fluctuations and the risk that the security will not be issued as anticipated. When a fund has sold a security pursuant to one of these transactions, the fund does not participate in further gains or losses with respect to the security. If the other party to a delayed-delivery transaction fails to deliver or pay for the securities, the fund could miss a favorable price or yield opportunity or suffer a loss. A fund may renegotiate a when-issued or forward-commitment transaction and may sell the underlying securities before delivery, which may result in capital gains or losses for the fund. When-issued, delayed-delivery, and forward-commitment transactions will not be considered to constitute the issuance, by a fund, of a "senior security," as that term is defined in Section 18(g) of the 1940 Act, and therefore such transaction will not be subject to the 300% asset coverage requirement otherwise applicable to borrowings by the fund, if the fund covers the transaction in accordance with the requirements described under the heading "*Borrowing.*"

SHARE PRICE

Multiple-class funds do not have a single share price. Rather, each class has a share price, called its net asset value, or NAV, that is calculated each business day after the close of regular trading on the New York Stock Exchange (the Exchange), generally 4 p.m., Eastern time. NAV per share for the Prime Money Market Fund is computed by dividing the total assets, minus liabilities, allocated to each share class by the number of Fund shares outstanding for that class. NAV per share for the Federal Money Market and Admiral Treasury Money Market Funds is computed by dividing the total assets, minus liabilities, of the Fund by the number of Fund shares outstanding. On holidays or other days when the Exchange is closed, the NAV is not calculated, and the Funds do not transact purchase or redemption requests.

The Exchange typically observes the following holidays: New Year's Day; Martin Luther King, Jr. Day; Presidents' Day (Washington's Birthday); Good Friday; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; and Christmas Day. Although each Fund expects the same holidays to be observed in the future, the Exchange may modify its holiday schedule or hours of operation at any time.

It is the policy of each Vanguard money market fund to attempt to maintain a net asset value of \$1 per share for sales and redemptions. The instruments held by a money market fund are valued on the basis of amortized cost, which does not take

into account unrealized capital gains or losses. This involves valuing an instrument at its cost and thereafter assuming a constant amortization to maturity of any discount or premium, regardless of the impact of fluctuating interest rates on the market value of the instrument. While this method provides certainty in valuation, it may result in

B-14

periods during which value, as determined by amortized cost, is higher or lower than the price that the fund would receive if it sold the instrument. The fund's holdings will be reviewed by the trustees, at such intervals as they may deem appropriate, to determine whether the fund's NAV calculated by using available market quotations deviate from \$1 per share based on amortized cost. The extent of any deviation will be examined by the trustees. If such deviation exceeds 1/2 of 1%, the trustees will promptly consider what action, if any, will be initiated. In the event the trustees determine that a deviation exists that may result in material dilution or other unfair results to investors or existing shareholders, they have agreed to take such corrective action as they regard as necessary and appropriate, including the sale of fund instruments prior to maturity to realize capital gains or losses or to shorten average fund maturity, withholding dividends, making a special capital distribution, redemptions of shares in kind, or establishing a net asset value per share by using available market quotations.

The use of amortized cost and the maintenance of a money market fund's net asset value at \$1 is based on its election to operate under Rule 2a-7 under the 1940 Act. As a condition of operating under that rule, each fund must maintain a dollar-weighted average portfolio maturity of 60 days or less; maintain a dollar-weighted average life of 120 days or less; purchase only instruments having remaining maturities of 397 days or less; meet applicable daily, weekly, and general liquidity requirements; and invest only in securities that are determined by methods approved by the trustees to present minimal credit risks and that are of high quality as determined by the requisite rating services, or in the case of an instrument not so rated, determined to be of comparable quality by methods approved by the trustees.

Although the stable share price is not guaranteed, the NAV of Vanguard money markets funds is expected to remain at \$1 per share. Instruments are purchased and managed with that goal in mind.

PURCHASE AND REDEMPTION OF SHARES

Each Fund may suspend redemption privileges or postpone the date of payment for redeemed shares (1) during any period that the Exchange is closed or trading on the Exchange is restricted as determined by the SEC; (2) during any period when an emergency exists, as defined by the SEC, as a result of which it is not reasonably practicable for the Fund to dispose of securities it owns or to fairly determine the value of its assets; or (3) for such other periods as the SEC may permit, including in connection with a determination by the board of a money market fund under Rule 22e-3 under the 1940 Act to suspend redemptions and postpone payment of redemption proceeds in order to facilitate an orderly liquidation of a money market fund.

Each Trust has filed a notice of election with the SEC to pay in cash all redemptions requested by any shareholder of record limited in amount during any 90-day period to the lesser of \$250,000 or 1% of the net assets of a Fund at the beginning of such period.

If Vanguard determines that it would be detrimental to the best interests of the remaining shareholders of a Fund to make payment wholly or partly in cash, the Fund may pay the redemption price in whole or in part by a distribution in kind of readily marketable securities held by the Fund in lieu of cash in conformity with applicable rules of the SEC. Investors may incur brokerage charges on the sale of such securities received in payment of redemptions.

The Funds do not charge redemption fees. Shares redeemed may be worth more or less than what was paid for them, depending on the market value of the securities held by the Fund.

Right to Change Policies

Vanguard reserves the right, without notice, to (1) alter, add, or discontinue any conditions of purchase (including eligibility requirements), redemption, exchange, conversion, service, or privilege at any time; (2) accept initial purchases by telephone; (3) freeze any account and/or suspend account services if Vanguard has received reasonable notice of a dispute regarding the assets in an account, including notice of a dispute between the registered or beneficial account owners, or if Vanguard reasonably believes a fraudulent transaction may occur or has occurred; (4) temporarily freeze any account and/or suspend account services upon initial notification to Vanguard of the death of the shareholder until Vanguard receives required documentation in good order; (5) alter, impose, discontinue, or waive any purchase fee, redemption fee, account service fee, or other fees charged to a group of shareholders; and (6) redeem an account or suspend account privileges,

without the owner's permission to do so, in cases of threatening conduct or activity Vanguard believes to be suspicious, fraudulent, or illegal. Changes may affect any or all investors. These actions will be

B-15

taken when, at the sole discretion of Vanguard management, Vanguard reasonably believes they are deemed to be in the best interest of a fund.

Investing With Vanguard Through Other Firms

Each Fund has authorized certain agents to accept on its behalf purchase and redemption orders, and those agents are authorized to designate other intermediaries to accept purchase and redemption orders on the Fund's behalf (collectively, Authorized Agents). A Fund will be deemed to have received a purchase or redemption order when an Authorized Agent accepts the order in accordance with the Fund's instructions. In most instances, a customer order that is properly transmitted to an Authorized Agent will be priced at the NAV next determined after the order is received by the Authorized Agent.

MANAGEMENT OF THE FUNDS

Vanguard

Each Fund is part of the Vanguard group of investment companies, which consists of more than 170 funds. Through their jointly owned subsidiary, Vanguard, the funds obtain at cost virtually all of their corporate management, administrative, and distribution services. Vanguard also provides investment advisory services on an at-cost basis to several of the Vanguard funds.

Vanguard employs a supporting staff of management and administrative personnel needed to provide the requisite services to the funds and also furnishes the funds with necessary office space, furnishings, and equipment. Each fund pays its share of Vanguard's total expenses, which are allocated among the funds under methods approved by the board of trustees of each fund. In addition, each fund bears its own direct expenses, such as legal, auditing, and custodial fees.

The funds' officers are also officers and employees of Vanguard.

Vanguard, Vanguard Marketing Corporation (VMC), the funds, and the funds' advisors have adopted codes of ethics designed to prevent employees who may have access to nonpublic information about the trading activities of the funds (access persons) from profiting from that information. The codes of ethics permit access persons to invest in securities for their own accounts, including securities that may be held by a fund, but place substantive and procedural restrictions on the trading activities of access persons. For example, the codes of ethics require that access persons receive advance approval for most securities trades to ensure that there is no conflict with the trading activities of the funds.

Vanguard was established and operates under an Amended and Restated Funds' Service Agreement. The Amended and Restated Funds' Service Agreement provides that each Vanguard fund may be called upon to invest up to 0.40% of its current net assets in Vanguard. The amounts that each fund has invested are adjusted from time to time in order to maintain the proportionate relationship between each fund's relative net assets and its contribution to Vanguard's capital.

As of August 31, 2012, each Fund had contributed capital to Vanguard as follows:

Vanguard Fund	Capital Contribution to Vanguard	Percentage of Fund's Average Net Assets	Percent of Vanguard's Capitalization
Prime Money Market Fund	\$15,985,000	0.02%	6.39%
Federal Money Market Fund	573,000	0.02	0.23
Admiral Treasury Money Market Fund	1,874,000	0.02	0.75

Management. Corporate management and administrative services include (1) executive staff, (2) accounting and financial, (3) legal and regulatory, (4) shareholder account maintenance, (5) monitoring and control of custodian relationships, (6) shareholder reporting, and (7) review and evaluation of advisory and other services provided to the funds by third parties.

Distribution. Vanguard Marketing Corporation, 400 Devon Park Drive A39, Wayne, PA 19087, a wholly owned subsidiary of Vanguard, is the principal underwriter for the funds and in that capacity performs and finances marketing, promotional, and distribution activities (collectively, marketing and distribution activities) that are primarily intended to

result in the sale of the funds' shares. VMC performs marketing and distribution activities at cost in accordance with the conditions of a 1981 SEC exemptive order that permits the Vanguard funds to internalize and jointly finance the marketing, promotion, and distribution of their shares. The funds' trustees review and approve the marketing and distribution expenses incurred by the funds, including the nature and cost of the activities and the desirability of each fund' s continued participation in the joint arrangement.

To ensure that each fund' s participation in the joint arrangement falls within a reasonable range of fairness, each fund contributes to VMC' s marketing and distribution expenses in accordance with an SEC-approved formula. Under that formula, one half of the marketing and distribution expenses are allocated among the funds based upon their relative net assets. The remaining half of those expenses is allocated among the funds based upon each fund' s sales for the preceding 24 months relative to the total sales of the funds as a group; provided, however, that no fund' s aggregate quarterly rate of contribution for marketing and distribution expenses shall exceed 125% of the average marketing and distribution expense rate for Vanguard, and that no fund shall incur annual marketing and distribution expenses in excess of 0.20% of its average month-end net assets. Each fund' s contribution to these marketing and distribution expenses helps to maintain and enhance the attractiveness and viability of the Vanguard complex as a whole, which benefits all of the funds and their shareholders.

VMC' s principal marketing and distribution expenses are for advertising, promotional materials, and marketing personnel. Other marketing and distribution activities that VMC undertakes on behalf of the funds may include, but are not limited to:

- Conducting or publishing Vanguard-generated research and analysis concerning the funds, other investments, the financial markets, or the economy;
- Providing views, opinions, advice, or commentary concerning the funds, other investments, the financial markets, or the economy;
- Providing analytical, statistical, performance, or other information concerning the funds, other investments, the financial markets, or the economy;
- Providing administrative services in connection with investments in the funds or other investments, including, but not limited to, shareholder services, recordkeeping services, and educational services;
- Providing products or services that assist investors or financial service providers (as defined below) in the investment decision-making process;
- Providing promotional discounts, commission-free trading, fee waivers, and other benefits to clients of Vanguard Brokerage Services[®] who maintain qualifying investments in the funds; and
- Sponsoring, jointly sponsoring, financially supporting, or participating in conferences, programs, seminars, presentations, meetings, or other events involving fund shareholders, financial service providers, or others concerning the funds, other investments, the financial markets, or the economy, such as industry conferences, prospecting trips, due diligence visits, training or education meetings, and sales presentations.

VMC performs most marketing and distribution activities itself. Some activities may be conducted by third parties pursuant to shared marketing arrangements under which VMC agrees to share the costs and performance of marketing and distribution activities in concert with a financial service provider. Financial service providers include, but are not limited to, investment advisors, broker-dealers, financial planners, financial consultants, banks, and insurance companies. Under these cost- and performance-sharing arrangements, VMC may pay or reimburse a financial service provider (or a third party it retains) for marketing and distribution activities that VMC would otherwise perform. VMC' s cost- and performance-sharing arrangements may be established in connection with Vanguard investment products or services offered or provided to or through the financial service providers. VMC' s arrangements for shared marketing and distribution activities may vary among financial service providers, and its payments or reimbursements to financial service providers in connection with shared marketing and distribution activities may be significant. VMC does not participate in the offshore arrangement Vanguard has established with a third party to provide marketing, promotional, and other services to qualifying Vanguard funds that are distributed in certain foreign countries on a private-placement basis to government-sponsored and other

institutional investors. In exchange for such services, the third party receives an annual base (fixed) fee, and may also receive discretionary fees or performance adjustments.

In connection with its marketing and distribution activities, VMC may give financial service providers (or their representatives) (1) promotional items of nominal value that display Vanguard' s logo, such as golf balls, shirts, towels, pens, and mouse pads; (2) gifts that do not exceed \$100 per person annually and are not preconditioned on achievement of a sales target; (3) an occasional meal, a ticket to a sporting event or the theater, or comparable entertainment that is

B-17

neither so frequent nor so extensive as to raise any question of propriety and is not preconditioned on achievement of a sales target; and (4) reasonable travel and lodging accommodations to facilitate participation in marketing and distribution activities.

VMC, as a matter of policy, does not pay asset-based fees, sales-based fees, or account-based fees to financial service providers in connection with its marketing and distribution activities for the Vanguard funds. VMC policy also prohibits marketing and distribution activities that are intended, designed, or likely to compromise suitability determinations by, or the fulfillment of any fiduciary duties or other obligations that apply to, financial service providers. Nonetheless, VMC's marketing and distribution activities are primarily intended to result in the sale of the funds' shares, and, as such, its activities, including shared marketing and distribution activities, may influence participating financial service providers (or their representatives) to recommend, promote, include, or invest in a Vanguard fund or share class. In addition, Vanguard or any of its subsidiaries may retain a financial service provider to provide consulting or other services, and that financial service provider also may provide services to investors. Investors should consider the possibility that any of these activities or relationships may influence a financial service provider's (or its representatives') decision to recommend, promote, include, or invest in a Vanguard fund or share class. Each financial service provider should consider its suitability determinations, fiduciary duties, and other legal obligations (or those of its representatives) in connection with any decision to consider, recommend, promote, include, or invest in a Vanguard fund or share class.

The following table describes the expenses of Vanguard and VMC that are incurred by the Funds on an at-cost basis. Amounts captioned "Management and Administrative Expenses" include a Fund's allocated share of expenses associated with the management, administrative, and transfer agency services Vanguard provides to the funds. Amounts captioned "Marketing and Distribution Expenses" include a Fund's allocated share of expenses associated with the marketing and distribution activities that VMC conducts on behalf of the Vanguard funds.

As is the case with all mutual funds, transaction costs incurred by the Funds for buying and selling securities are not reflected in the table. Annual Shared Fund Operating Expenses are based on expenses incurred in the fiscal years ended August 31, 2010, 2011, and 2012, and are presented as a percentage of each Fund's average month-end net assets.

Annual Shared Fund Operating Expenses
(Shared Expenses Deducted from Fund Assets)

Vanguard Fund	2010	2011	2012
Prime Money Market Fund			
Management and Administrative Expenses:	0.17%	0.14%	0.11%
Marketing and Distribution Expenses:	0.03	0.03	0.03
Federal Money Market Fund			
Management and Administrative Expenses:	0.18%	0.15%	0.10%
Marketing and Distribution Expenses:	0.03	0.03	0.02
Admiral Treasury Money Market Fund			
Management and Administrative Expenses:	0.11%	0.09%	0.03%
Marketing and Distribution Expenses:	0.03	0.02	0.02

Officers and Trustees

Each Vanguard fund is governed by the board of trustees of its trust and a single set of officers. Consistent with the board's corporate governance principles, the trustees believe that their primary responsibility is oversight of the management of each fund for the benefit of its shareholders, not day-to-day management. The trustees set broad policies for the funds; select investment advisors; monitor fund operations, regulatory compliance, performance, and costs; nominate and select new trustees; and elect fund officers. Vanguard manages the day-to-day operations of the funds under the direction of the board of trustees.

The trustees play an active role, as a full board and at the committee level, in overseeing risk management for the funds. The trustees delegate the day-to-day risk management of the funds to various groups, including portfolio review, investment

management, risk management, compliance, legal, fund accounting, and fund financial services. These groups provide the trustees with regular reports regarding investment, valuation, liquidity, and compliance, as well as the risks associated with each. The trustees also oversee risk management for the funds through regular interactions with the funds' internal and external auditors.

B-18

The full board participates in the funds' risk oversight, in part, through the Vanguard funds' compliance program, which covers the following broad areas of compliance: investment and other operations; recordkeeping; valuation and pricing; communications and disclosure; reporting and accounting; oversight of service providers; fund governance; and codes of ethics, insider trading controls, and protection of nonpublic information. The program seeks to identify and assess risk through various methods, including through regular interdisciplinary communications between compliance professionals and business personnel who participate on a daily basis in risk management on behalf of the funds. The funds' chief compliance officer regularly provides reports to the board in writing and in person.

The audit committee of the board, which is composed of all independent trustees, oversees management of financial risks and controls. The audit committee serves as the channel of communication between the independent auditors of the funds and the board with respect to financial statements and financial-reporting processes, systems of internal control, and the audit process. The head of internal audit reports directly to the audit committee and provides reports to the committee in writing and in person on a regular basis. Although the audit committee is responsible for overseeing the management of financial risks, the entire board is regularly informed of these risks through committee reports.

All of the trustees bring to each fund' s board a wealth of executive leadership experience derived from their service as executives (in many cases chief executive officers), board members, and leaders of diverse public operating companies, academic institutions, and other organizations. In determining whether an individual is qualified to serve as a trustee of the funds, the board considers a wide variety of information about the trustee, and multiple factors contribute to the board' s decision. Each trustee is determined to have the experience, skills, and attributes necessary to serve the funds and their shareholders because each trustee demonstrates an exceptional ability to consider complex business and financial matters, evaluate the relative importance and priority of issues, make decisions, and contribute effectively to the deliberations of the board. The board also considers the individual experience of each trustee and determines that the trustee' s professional experience, education, and background contribute to the diversity of perspectives on the board. The business acumen, experience, and objective thinking of the trustees are considered invaluable assets for Vanguard management and, ultimately, the Vanguard funds' shareholders. The specific roles and experience of each board member that factor into this determination are presented on the following pages. The mailing address of the trustees and officers is P.O. Box 876, Valley Forge, PA 19482.

Name, Year of Birth	Position(s) Held with Funds	Vanguard Funds' Trustee/ Officer Since	Principal Occupation(s) and Outside Directorships During the Past Five Years and Other Experience	Number of Vanguard Funds Overseen by Trustee/Officer
Interested Trustee ¹				
F. William McNabb III (1957)	Chairman of the Board, Chief Executive Officer, and President	July 2009	Mr. McNabb has served as Chairman of the Board of Vanguard and of each of the investment companies served by Vanguard, since January 2010; Trustee of each of the investment companies served by Vanguard, since 2009; Director of Vanguard since 2008; and Chief Executive Officer and President of Vanguard and of each of the investment companies served by Vanguard, since 2008. Mr. McNabb also serves as Director of Vanguard Marketing Corporation. Mr. McNabb served as a Managing Director of Vanguard from 1995 to 2008.	180

¹ Mr. McNabb is considered an "interested person," as defined in the 1940 Act, because he is an officer of the Trust.

Name, Year of Birth	Position(s) Held with Funds	Vanguard Funds' Trustee/ Officer Since	Principal Occupation(s) and Outside Directorships During the Past Five Years and Other Experience	Number of Vanguard Funds Overseen by Trustee/Officer
Independent Trustees				
Emerson U. Fullwood (1948)	Trustee	January 2008	Mr. Fullwood is the former Executive Chief Staff and Marketing Officer for North America and Corporate Vice President (retired 2008) of Xerox Corporation (document management products and services). Previous positions held at Xerox by Mr. Fullwood include President of the Worldwide Channels Group, President of Latin America, Executive Chief Staff Officer of Developing Markets, and President of Worldwide Customer Services. Mr. Fullwood is the Executive in Residence and 2010 Distinguished Minett Professor at the Rochester Institute of Technology. Mr. Fullwood serves as a director of SPX Corporation (multi-industry manufacturing), Amerigroup Corporation (managed health care), the University of Rochester Medical Center, Monroe Community College Foundation, the United Way of Rochester, and North Carolina A&T University.	180
Rajiv L. Gupta (1945)	Trustee	December 2001	Mr. Gupta is the former Chairman and Chief Executive Officer (retired 2009) and President (2006-2008) of Rohm and Haas Co. (chemicals). Mr. Gupta serves as a director of Tyco International, Ltd. (diversified manufacturing and services), Hewlett-Packard Company (electronic computer manufacturing), and Delphi Automotive LLP (automotive components); as Senior Advisor at New Mountain Capital; and as a trustee of The Conference Board.	180
Amy Gutmann (1949)	Trustee	June 2006	Dr. Gutmann has served as the President of the University of Pennsylvania since 2004. She is the Christopher H. Browne Distinguished Professor of Political Science in the School of Arts and Sciences with secondary appointments at the Annenberg School for Communication and the Graduate School of Education at the University of Pennsylvania. Dr. Gutmann also serves on the National Commission on the Humanities and Social Sciences, and as a trustee of Carnegie Corporation of New York and of the National Constitution Center. Dr. Gutmann is Chair of the Presidential Commission for the Study of Bioethical Issues.	180

JoAnn Heffernan Heisen Trustee
(1950)

July 1998

Ms. Heisen is the former Corporate Vice President and Chief Global Diversity Officer (retired 2008) and a former Member of the Executive Committee (1997- 2008) of Johnson & Johnson (pharmaceuticals/ medical devices/consumer products). Ms. Heisen served as Vice President and Chief Information Officer of Johnson & Johnson from 1997 to 2005. Ms. Heisen serves as a director of Skytop Lodge Corporation (hotels), the University Medical Center at Princeton, the Robert Wood Johnson Foundation, and the Center for Talent Innovation; and as a member of the advisory board of the Maxwell School of Citizenship and Public Affairs at Syracuse University.

180

B-20

Name, Year of Birth	Position(s) Held with Funds	Vanguard Funds' Trustee/ Officer Since	Principal Occupation(s) and Outside Directorships During the Past Five Years and Other Experience	Number of Vanguard Funds Overseen by Trustee/Officer
F. Joseph Loughrey (1949)	Trustee	October 2009	Mr. Loughrey is the former President and Chief Operating Officer (retired 2009) and Vice Chairman of the Board (2008-2009) of Cummins Inc. (industrial machinery). Mr. Loughrey serves as a director of SKF AB (industrial machinery), Hillenbrand, Inc. (specialized consumer services), the Lumina Foundation for Education, and Oxfam America; and as Chairman of the Advisory Council for the College of Arts and Letters and Member of the Advisory Board to the Kellogg Institute for International Studies at the University of Notre Dame. Mr. Loughrey served as a director of Sauer-Danfoss Inc. (machinery) from 2000 to 2010, of Cummins Inc. from 2005 to 2009, and of Tower Automotive Inc. (manufacturer of automobile components) from 1994 to 2007.	180
Mark Loughridge (1953)	Trustee	March 2012	Mr. Loughridge has served as Senior Vice President and Chief Financial Officer at IBM (information technology services) since 2004. Mr. Loughridge also serves as a fiduciary member of IBM's Retirement Plan Committee. Previous positions held by Mr. Loughridge since joining IBM in 1977 include Senior Vice President and General Manager of Global Financing (2002-2004), Vice President and Controller (1998-2002), and a variety of management roles.	180
Scott C. Malpass (1962)	Trustee	March 2012	Mr. Malpass has served as Chief Investment Officer since 1989 and Vice President since 1996 at the University of Notre Dame. Mr. Malpass serves as an Assistant Professor of Finance at the Mendoza College of Business at the University of Notre Dame and is a member of the Notre Dame 403(b) Investment Committee. Mr. Malpass also serves on the board of TIFF Advisory Services, Inc. (investment advisor), and as a member of the investment advisory committees of the Financial Industry Regulatory Authority (FINRA) and of Major League Baseball.	180
André F. Perold (1952)	Trustee	December 2004	Dr. Perold is the former George Gund Professor of Finance and Banking at the Harvard Business School (retired 2011). Dr. Perold serves as Chief Investment Officer and Managing Partner of HighVista Strategies	180

LLC (private investment firm). Dr. Perold also serves as a director of Rand Merchant Bank and as an overseer of the Museum of Fine Arts Boston. From 2003 to 2009, Dr. Perold served as chairman of the board of UNX, Inc. (equities trading firm).

Alfred M. Rankin, Jr. (1941)	Lead Independent Trustee	January 1993	Mr. Rankin serves as Chairman, President, and Chief Executive Officer of NACCO Industries, Inc. (forklift trucks/housewares/lignite). Mr. Rankin also serves as a director of Goodrich Corporation (industrial products/ aircraft systems and services) and the National Association of Manufacturers; Chairman of the Board of the Federal Reserve Bank of Cleveland and of University Hospitals of Cleveland; and Advisory Chairman of the Board of The Cleveland Museum of Art.	180
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Name, Year of Birth	Position(s) Held with Funds	Vanguard Funds' Trustee/ Officer Since	Principal Occupation(s) and Outside Directorships During the Past Five Years and Other Experience	Number of Vanguard Funds Overseen by Trustee/Officer
Peter F. Volanakis (1955)	Trustee	July 2009	Mr. Volanakis is the retired President and Chief Operating Officer (retired 2010) of Corning Incorporated (communications equipment). Mr. Volanakis served as a director of Corning Incorporated (2000-2010) and of Dow Corning (2001-2010). Mr. Volanakis serves as a director of SPX Corporation (multi-industry manufacturing), as an Overseer of the Amos Tuck School of Business Administration at Dartmouth College, and as an Advisor to the Norris Cotton Cancer Center.	180

Executive Officers

Glenn Booraem (1967)	Controller	July 2010	Mr. Booraem, a Principal of Vanguard, has served as Controller of each of the investment companies served by Vanguard, since 2010. Mr. Booraem served as Assistant Controller of each of the investment companies served by Vanguard, from 2001 to 2010.	180
Thomas J. Higgins (1957)	Chief Financial Officer	September 2008	Mr. Higgins, a Principal of Vanguard, has served as Chief Financial Officer of each of the investment companies served by Vanguard, since 2008. Mr. Higgins served as Treasurer of each of the investment companies served by Vanguard, from 1998 to 2008.	180
Kathryn J. Hyatt (1955)	Treasurer	November 2008	Ms. Hyatt, a Principal of Vanguard, has served as Treasurer of each of the investment companies served by Vanguard, since 2008. Ms. Hyatt served as Assistant Treasurer of each of the investment companies served by Vanguard, from 1988 to 2008.	180
Heidi Stam (1956)	Secretary	July 2005	Ms. Stam has served as a Managing Director of Vanguard since 2006; General Counsel of Vanguard since 2005; Secretary of Vanguard and of each of the investment companies served by Vanguard, since 2005; and Director and Senior Vice President of Vanguard Marketing Corporation since 2005. Ms. Stam served as a Principal of Vanguard from 1997 to 2006.	180

All but one of the trustees are independent. The independent trustees designate a lead independent trustee. The lead independent trustee is a spokesperson and principal point of contact for the independent trustees and is responsible for coordinating the activities of the independent trustees, including calling regular executive sessions of the independent

trustees; developing the agenda of each meeting together with the chairman; and chairing the meetings of the independent trustees, including the meetings of the audit, compensation, and nominating committees.

The independent trustees appoint the chairman of the board. The roles of chairman of the board and chief executive officer currently are held by the same person; as a result, the chairman of the board is an “interested” trustee. The independent trustees generally believe that the Vanguard funds’ chief executive officer is best qualified to serve as chairman and that fund shareholders benefit from this leadership structure through accountability and strong day-to-day leadership.

Board Committees: The Trusts’ board has the following committees:

- Audit Committee: This committee oversees the accounting and financial reporting policies, the systems of internal controls, and the independent audits of each fund. All independent trustees serve as members of the committee. The committee held four meetings during the Funds’ last fiscal year.

B-22

- **Compensation Committee:** This committee oversees the compensation programs established by each fund for the benefit of its trustees. All independent trustees serve as members of the committee. The committee held three meetings during the Funds' last fiscal year.
- **Nominating Committee:** This committee nominates candidates for election to the board of trustees of each fund. The committee also has the authority to recommend the removal of any trustee. All independent trustees serve as members of the committee. The committee held five meetings during the Funds' last fiscal year.

The Nominating Committee will consider shareholder recommendations for trustee nominees. Shareholders may send recommendations to Mr. Rankin, Chairman of the Committee.

Trustee Compensation

The same individuals serve as trustees of all Vanguard funds and each fund pays a proportionate share of the trustees' compensation. The funds also employ their officers on a shared basis; however, officers are compensated by Vanguard, not the funds.

Independent Trustees. The funds compensate their independent trustees (i.e., the ones who are not also officers of the funds) in three ways:

- The independent trustees receive an annual fee for their service to the funds, which is subject to reduction based on absences from scheduled board meetings.
- The independent trustees are reimbursed for the travel and other expenses that they incur in attending board meetings.
- Upon retirement (after attaining age 65 and completing five years of service), the independent trustees who began their service prior to January 1, 2001, receive a retirement benefit under a separate account arrangement. As of January 1, 2001, the opening balance of each eligible trustee's separate account was generally equal to the net present value of the benefits he or she had accrued under the trustees' former retirement plan. Each eligible trustee's separate account will be credited annually with interest at a rate of 7.5% until the trustee receives his or her final distribution. Those independent trustees who began their service on or after January 1, 2001, are not eligible to participate in the plan.

"Interested" Trustee. Mr. McNabb serves as trustee, but is not paid in this capacity. He is, however, paid in his role as an officer of Vanguard.

Compensation Table. The following tables provide compensation details for each of the trustees. The tables show the total amount of benefits that we expect each trustee to receive from all Vanguard funds upon retirement, and the total amount of compensation paid to each trustee by all Vanguard funds.

B-23

**VANGUARD MONEY MARKET RESERVES
TRUSTEES' COMPENSATION TABLE**

Trustee	Aggregate Compensation from the Funds ¹	Pension or Retirement Benefits Accrued as Part of the Funds' Expenses ¹	Accrued Annual Retirement Benefit at January 1, 2012 ²	Total Compensation from All Vanguard Funds Paid to Trustees ³
F. William McNabb III	–	–	–	–
Emerson U. Fullwood	\$14,151	–	–	\$210,000
Rajiv L. Gupta	14,151	–	–	210,000
Amy Gutmann	14,151	–	–	210,000
JoAnn Heffernan Heisen	14,151	\$251	\$5,231	210,000
F. Joseph Loughrey	14,151	–	–	210,000
Mark Loughridge ⁴	5,930	–	–	–
Scott C. Malpass ⁴	5,930	–	–	–
André F. Perold	14,151	–	–	210,000
Alfred M. Rankin, Jr.	16,126	491	10,251	240,000
Peter F. Volanakis	14,151	–	–	210,000

- 1 The amounts shown in this column are based on the Trust's fiscal year ended August 31, 2012. Each Fund within the Trust is responsible for a proportionate share of these amounts.
- 2 Each trustee is eligible to receive retirement benefits only after completing at least 5 years (60 consecutive months) of service as a trustee for the Vanguard funds. The annual retirement benefit will be paid in monthly installments, beginning with the month following the trustee's retirement from service, and will cease after 10 years of payments (120 monthly installments). Trustees who began their service on or after January 1, 2001, are not eligible to participate in the retirement benefit plan.
- 3 The amounts reported in this column reflect the total compensation paid to each trustee for his or her service as trustee of 180 Vanguard funds for the 2011 calendar year.
- 4 Mr. Loughridge and Mr. Malpass became trustees effective March 22, 2012.

**VANGUARD ADMIRAL FUNDS
TRUSTEES' COMPENSATION TABLE**

Trustee	Aggregate Compensation from the Funds ¹	Pension or Retirement Benefits Accrued as Part of the Funds' Expenses ¹	Accrued Annual Retirement Benefit at January 1, 2012 ²	Total Compensation from All Vanguard Funds Paid to Trustees ³
F. William McNabb III	–	–	–	–
Emerson U. Fullwood	\$1,552	–	–	\$210,000
Rajiv L. Gupta	1,552	–	–	210,000
Amy Gutmann	1,552	–	–	210,000
JoAnn Heffernan Heisen	1,552	\$28	\$5,231	210,000
F. Joseph Loughrey	1,552	–	–	210,000
Mark Loughridge ⁴	651	–	–	–
Scott C. Malpass ⁴	651	–	–	–
André F. Perold	1,552	–	–	210,000

Alfred M. Rankin, Jr.	1,770	54	10,251	240,000
Peter F. Volanakis	1,552	–	–	210,000

- 1 The amounts shown in this column are based on the Trust 's fiscal year ended August 31, 2012. Each Fund within the Trust is responsible for a proportionate share of these amounts.
- 2 Each trustee is eligible to receive retirement benefits only after completing at least 5 years (60 consecutive months) of service as a trustee for the Vanguard funds. The annual retirement benefit will be paid in monthly installments, beginning with the month following the trustee' s retirement from service, and will cease after 10 years of payments (120 monthly installments). Trustees who began their service on or after January 1, 2001, are not eligible to participate in the retirement benefit plan.
- 3 The amounts reported in this column reflect the total compensation paid to each trustee for his or her service as trustee of 180 Vanguard funds for the 2011 calendar year.
- 4 Mr. Loughridge and Mr. Malpass became trustees effective March 22, 2012.

B-24

Ownership of Fund Shares

All trustees allocate their investments among the various Vanguard funds based on their own investment needs. The following table shows each trustee's ownership of shares of each Fund and of all Vanguard funds served by the trustee as of December 31, 2011. (Mark Loughridge and Scott C. Malpass are not included in the table because they did not serve as trustees as of December 31, 2011)

VANGUARD MONEY MARKET RESERVES

Vanguard Fund	Trustee	Dollar Range of Fund Shares Owned by Trustee	Aggregate Dollar Range of Vanguard Fund Shares Owned by Trustee
Prime Money Market Fund	Emerson U. Fullwood	–	Over \$100,000
	Rajiv L. Gupta	Over \$100,000	Over \$100,000
	Amy Gutmann	Over \$100,000	Over \$100,000
	JoAnn Heffernan Heisen	Over \$100,000	Over \$100,000
	F. Joseph Loughrey	Over \$100,000	Over \$100,000
	F. William McNabb III	–	Over \$100,000
	André F. Perold	\$1- \$10,000	Over \$100,000
	Alfred M. Rankin, Jr.	\$10,001-\$50,000	Over \$100,000
Peter F. Volanakis	Over \$100,000	Over \$100,000	
Federal Money Market Fund	Emerson U. Fullwood	–	Over \$100,000
	Rajiv L. Gupta	–	Over \$100,000
	Amy Gutmann	–	Over \$100,000
	JoAnn Heffernan Heisen	–	Over \$100,000
	F. Joseph Loughrey	–	Over \$100,000
	F. William McNabb III	–	Over \$100,000
	André F. Perold	–	Over \$100,000
	Alfred M. Rankin, Jr.	–	Over \$100,000
Peter F. Volanakis	–	Over \$100,000	

VANGUARD ADMIRAL FUNDS

Vanguard Fund	Trustee	Dollar Range of Fund Shares Owned by Trustee	Aggregate Dollar Range of Vanguard Fund Shares Owned by Trustee
Admiral Treasury Money Market Fund	Emerson U. Fullwood	–	Over \$100,000
	Rajiv L. Gupta	–	Over \$100,000
	Amy Gutmann	–	Over \$100,000
	JoAnn Heffernan Heisen	–	Over \$100,000
	F. Joseph Loughrey	–	Over \$100,000
	F. William McNabb III	–	Over \$100,000
	André F. Perold	\$1- \$10,000	Over \$100,000
	Alfred M. Rankin, Jr.	Over \$100,000	Over \$100,000
	Peter F. Volanakis	–	Over \$100,000

As of December 31, 2012, the trustees and officers of the funds owned, in the aggregate, less than 1% of each class of each fund's outstanding shares.

As of December 31, 2012, the following owned of record 5% or more of the outstanding shares of each class:
Vanguard Prime Money Market Fund–Institutional Shares: Fidelity Investments, Covington, KY (10.82%).

Portfolio Holdings Disclosure Policies and Procedures

Introduction

Vanguard and the Boards of Trustees of the Vanguard funds (Boards) have adopted Portfolio Holdings Disclosure Policies and Procedures (Policies and Procedures) to govern the disclosure of the portfolio holdings of each Vanguard fund. Vanguard and the Boards considered each of the circumstances under which Vanguard fund portfolio holdings may be disclosed to different categories of persons under the Policies and Procedures. Vanguard and the Boards also considered actual and potential material conflicts that could arise in such circumstances between the interests of Vanguard fund shareholders, on the one hand, and those of the fund's investment advisor, distributor, or any affiliated person of the fund, its investment advisor, or its distributor, on the other. After giving due consideration to such matters and after the exercise of their fiduciary duties and reasonable business judgment, Vanguard and the Boards determined that the Vanguard funds have a legitimate business purpose for disclosing portfolio holdings to the persons described in each of the circumstances set forth in the Policies and Procedures and that the Policies and Procedures are reasonably designed to ensure that disclosure of portfolio holdings and information about portfolio holdings is in the best interests of fund shareholders and appropriately addresses the potential for material conflicts of interest.

The Boards exercise continuing oversight of the disclosure of Vanguard fund portfolio holdings by (1) overseeing the implementation and enforcement of the Policies and Procedures, the Code of Ethics, and the Policies and Procedures Designed to Prevent the Misuse of Inside Information (collectively, the portfolio holdings governing policies) by the Chief Compliance Officer of Vanguard and the Vanguard funds; (2) considering reports and recommendations by the Chief Compliance Officer concerning any material compliance matters (as defined in Rule 38a-1 under the 1940 Act and Rule 206(4)-7 under the Investment Advisers Act of 1940) that may arise in connection with any portfolio holdings governing policies; and (3) considering whether to approve or ratify any amendment to any portfolio holdings governing policies. Vanguard and the Boards reserve the right to amend the Policies and Procedures at any time and from time to time without prior notice at their sole discretion. For purposes of the Policies and Procedures, the term "portfolio holdings" means the equity and debt securities (e.g., stocks and bonds) held by a Vanguard fund and does not mean the cash investments, derivatives, and other investment positions (collectively, other investment positions) held by the fund.

Online Disclosure of Ten Largest Stock Holdings

Each of the Vanguard equity funds and Vanguard balanced funds generally will seek to disclose the fund's ten largest stock portfolio holdings and the percentages that each of these ten largest stock portfolio holdings represents of the fund's total assets as of the end of the most recent calendar quarter (quarter-end ten largest stock holdings) online at *vanguard.com*, in the "Portfolio" section of the fund's Portfolio & Management page, 15 calendar days after the end of the calendar quarter. In addition, those funds generally will seek to disclose the fund's ten largest stock portfolio holdings as of the end of the most recent month (month-end ten largest stock holdings) online at *vanguard.com*, in the "Portfolio" section of the fund's Portfolio & Management page, 10 business days after the end of the month. Together, the quarter-end and month-end ten largest stock holdings are referred to as the ten largest stock holdings. Online disclosure of the ten largest stock holdings is made to all categories of persons, including individual investors, institutional investors, intermediaries, third-party service providers, rating and ranking organizations, affiliated persons of a Vanguard fund, and all other persons.

Online Disclosure of Complete Portfolio Holdings

Each of the Vanguard funds, excluding Vanguard money market funds and Vanguard Market Neutral Fund, generally will seek to disclose the fund's complete portfolio holdings as of the end of the most recent calendar quarter online at *vanguard.com*, in the "Portfolio" section of the fund's Portfolio & Management page, 30 calendar days after the end of the calendar quarter. In accordance with Rule 2a-7 under the 1940 Act, each of the Vanguard money market funds will disclose the fund's complete portfolio holdings as of the last business day of the prior month online at *vanguard.com*, in the

“Portfolio” section of the fund’s Portfolio & Management page, no later than the fifth business day of the current month. The complete portfolio holdings information for money market funds will remain available online for at least six months after the initial posting. Vanguard Market Neutral Fund generally will seek to disclose the Fund’s complete portfolio holdings as of the end of the most recent calendar quarter online at *vanguard.com*, in the “Portfolio” section of the Fund’s Portfolio & Management page, 60 calendar days after the end of the calendar quarter. Online disclosure of complete portfolio holdings is made to all categories of persons, including individual investors, institutional investors, intermediaries, third-party service providers, rating and ranking organizations, affiliated persons of a Vanguard fund, and all other persons. Vanguard’s Portfolio Review Department will review complete portfolio holdings before online disclosure is made and, except with respect to the complete portfolio holdings of the Vanguard money market funds, may withhold any portion of the fund’s complete portfolio holdings from online disclosure when deemed to be in the best interests of the fund after consultation with a Vanguard fund’s investment advisor.

Disclosure of Complete Portfolio Holdings to Service Providers Subject to Confidentiality and Trading Restrictions

Vanguard, for legitimate business purposes, may disclose Vanguard fund complete portfolio holdings at times it deems necessary and appropriate to rating and ranking organizations; financial printers; proxy voting service providers; pricing information vendors; third parties that deliver analytical, statistical, or consulting services; and other third parties that provide services (collectively, Service Providers) to Vanguard, Vanguard subsidiaries, and/or the Vanguard funds. Disclosure of complete portfolio holdings to a Service Provider is conditioned on the Service Provider being subject to a written agreement imposing a duty of confidentiality, including a duty not to trade on the basis of any material nonpublic information.

The frequency with which complete portfolio holdings may be disclosed to a Service Provider, and the length of the lag, if any, between the date of the information and the date on which the information is disclosed to the Service Provider, is determined based on the facts and circumstances, including, without limitation, the nature of the portfolio holdings information to be disclosed, the risk of harm to the funds and their shareholders, and the legitimate business purposes served by such disclosure. The frequency of disclosure to a Service Provider varies and may be as frequent as daily, with no lag. Disclosure of Vanguard fund complete portfolio holdings by Vanguard to a Service Provider must be authorized by a Vanguard fund officer or a Principal in Vanguard’s Portfolio Review or Legal Department. Any disclosure of Vanguard fund complete portfolio holdings to a Service Provider as previously described may also include a list of the other investment positions that make up the fund, such as cash investments and derivatives.

Currently, Vanguard fund complete portfolio holdings are disclosed to the following Service Providers as part of ongoing arrangements that serve legitimate business purposes: Abel/Noser Corporation; Advisor Software, Inc.; Alcom Printing Group Inc.; Apple Press, L.C.; Bloomberg L.P.; Brilliant Graphics, Inc.; Broadridge Financial Solutions, Inc.; Brown Brothers Harriman & Co.; FactSet Research Systems Inc.; Innovation Printing & Communications; Institutional Shareholder Services, Inc.; Intelligencer Printing Company; Investment Technology Group, Inc.; Lipper, Inc.; Markit WSO Corporation; McMunn Associates Inc.; Océ Business Services, Inc.; Reuters America Inc.; R.R. Donnelley, Inc.; State Street Bank and Trust Company; Triune Color Corporation; and Tursack Printing Inc.

Disclosure of Complete Portfolio Holdings to Vanguard Affiliates and Certain Fiduciaries Subject to Confidentiality and Trading Restrictions

Vanguard fund complete portfolio holdings may be disclosed between and among the following persons (collectively, Affiliates and Fiduciaries) for legitimate business purposes within the scope of their official duties and responsibilities, subject to such persons’ continuing legal duty of confidentiality and legal duty not to trade on the basis of any material nonpublic information, as such duties are imposed under the Code of Ethics, the Policies and Procedures Designed to Prevent the Misuse of Inside Information, by agreement, or under applicable laws, rules, and regulations: (1) persons who are subject to the Code of Ethics or the Policies and Procedures Designed to Prevent the Misuse of Inside Information; (2) an investment advisor, distributor, administrator, transfer agent, or custodian to a Vanguard fund; (3) an accounting firm, an auditing firm, or outside legal counsel retained by Vanguard, a Vanguard subsidiary, or a Vanguard fund; (4) an investment advisor to whom complete portfolio holdings are disclosed for due diligence purposes when the advisor is in merger or

acquisition talks with a Vanguard fund' s current advisor; and (5) a newly hired investment advisor or sub-advisor to whom complete portfolio holdings are disclosed prior to the time it commences its duties.

B-27

The frequency with which complete portfolio holdings may be disclosed between and among Affiliates and Fiduciaries, and the length of the lag, if any, between the date of the information and the date on which the information is disclosed between and among the Affiliates and Fiduciaries, is determined by such Affiliates and Fiduciaries based on the facts and circumstances, including, without limitation, the nature of the portfolio holdings information to be disclosed, the risk of harm to the funds and their shareholders, and the legitimate business purposes served by such disclosure. The frequency of disclosure between and among Affiliates and Fiduciaries varies and may be as frequent as daily, with no lag. Any disclosure of Vanguard fund complete portfolio holdings to any Affiliates and Fiduciaries as previously described may also include a list of the other investment positions that make up the fund, such as cash investments and derivatives. Disclosure of Vanguard fund complete portfolio holdings or other investment positions by Vanguard, Vanguard Marketing Corporation, or a Vanguard fund to Affiliates and Fiduciaries must be authorized by a Vanguard fund officer or a Principal of Vanguard. Currently, Vanguard fund complete portfolio holdings are disclosed to the following Affiliates and Fiduciaries as part of ongoing arrangements that serve legitimate business purposes: Vanguard and each investment advisor, custodian, and independent registered public accounting firm identified in each fund's Statement of Additional Information.

Disclosure of Portfolio Holdings to Broker-Dealers in the Normal Course of Managing a Fund's Assets

An investment advisor, administrator, or custodian for a Vanguard fund may, for legitimate business purposes within the scope of its official duties and responsibilities, disclose portfolio holdings (whether partial portfolio holdings or complete portfolio holdings) and other investment positions that make up the fund to one or more broker-dealers during the course of, or in connection with, normal day-to-day securities and derivatives transactions with or through such broker-dealers subject to the broker-dealer's legal obligation not to use or disclose material nonpublic information concerning the fund's portfolio holdings, other investment positions, securities transactions, or derivatives transactions without the consent of the fund or its agents. The Vanguard funds have not given their consent to any such use or disclosure and no person or agent of Vanguard is authorized to give such consent except as approved in writing by the Boards of the Vanguard funds. Disclosure of portfolio holdings or other investment positions by Vanguard to broker-dealers must be authorized by a Vanguard fund officer or a Principal of Vanguard.

Disclosure of Nonmaterial Information

The Policies and Procedures permit Vanguard fund officers, Vanguard fund portfolio managers, and other Vanguard representatives (collectively, Approved Vanguard Representatives) to disclose any views, opinions, judgments, advice, or commentary, or any analytical, statistical, performance, or other information, in connection with or relating to a Vanguard fund or its portfolio holdings and/or other investment positions (collectively, commentary and analysis) or any changes in the portfolio holdings of a Vanguard fund that occurred after the end of the most recent calendar quarter (recent portfolio changes) to any person if (1) such disclosure serves a legitimate business purpose, (2) such disclosure does not effectively result in the disclosure of the complete portfolio holdings of any Vanguard fund (which can be disclosed only in accordance with the Policies and Procedures), and (3) such information does not constitute material nonpublic information. Disclosure of commentary and analysis or recent portfolio changes by Vanguard, Vanguard Marketing Corporation, or a Vanguard fund must be authorized by a Vanguard fund officer or a Principal of Vanguard.

An Approved Vanguard Representative must make a good faith determination whether the information constitutes material nonpublic information, which involves an assessment of the particular facts and circumstances. Vanguard believes that in most cases recent portfolio changes that involve a few or even several securities in a diversified portfolio or commentary and analysis would be immaterial and would not convey any advantage to a recipient in making an investment decision concerning a Vanguard fund. Nonexclusive examples of commentary and analysis about a Vanguard fund include (1) the allocation of the fund's portfolio holdings and other investment positions among various asset classes, sectors, industries, and countries; (2) the characteristics of the stock and bond components of the fund's portfolio holdings and other investment positions; (3) the attribution of fund returns by asset class, sector, industry, and country; and (4) the volatility characteristics of the fund. Approved Vanguard Representatives may, at their sole discretion, deny any request for information made by any person, and may do so for any reason or for no reason. Approved Vanguard Representatives include, for purposes of the Policies and Procedures, persons employed by or associated with Vanguard or a subsidiary of

Vanguard who have been authorized by Vanguard's Portfolio Review Department to disclose recent portfolio changes and/or commentary and analysis in accordance with the Policies and Procedures.

B-28

Disclosure of Portfolio Holdings Related Information to the Issuer of a Security for Legitimate Business Purposes

Vanguard, at its sole discretion, may disclose portfolio holdings information concerning a security held by one or more Vanguard funds to the issuer of such security if the issuer presents, to the satisfaction of Vanguard's Fund Financial Services unit, convincing evidence that the issuer has a legitimate business purpose for such information. Disclosure of this information to an issuer is conditioned on the issuer being subject to a written agreement imposing a duty of confidentiality, including a duty not to trade on the basis of any material nonpublic information. The frequency with which portfolio holdings information concerning a security may be disclosed to the issuer of such security, and the length of the lag, if any, between the date of the information and the date on which the information is disclosed to the issuer, is determined based on the facts and circumstances, including, without limitation, the nature of the portfolio holdings information to be disclosed, the risk of harm to the funds and their shareholders, and the legitimate business purposes served by such disclosure. The frequency of disclosure to an issuer cannot be determined in advance of a specific request and will vary based upon the particular facts and circumstances and the legitimate business purposes, but in unusual situations could be as frequent as daily, with no lag. Disclosure of portfolio holdings information concerning a security held by one or more Vanguard funds to the issuer of such security must be authorized by a Vanguard fund officer or a Principal in Vanguard's Portfolio Review or Legal Department.

Disclosure of Portfolio Holdings as Required by Applicable Law

Vanguard fund portfolio holdings (whether partial portfolio holdings or complete portfolio holdings) and other investment positions that make up a fund shall be disclosed to any person as required by applicable laws, rules, and regulations. Examples of such required disclosure include, but are not limited to, disclosure of Vanguard fund portfolio holdings (1) in a filing or submission with the SEC or another regulatory body, (2) in connection with seeking recovery on defaulted bonds in a federal bankruptcy case, (3) in connection with a lawsuit, or (4) as required by court order. Disclosure of portfolio holdings or other investment positions by Vanguard, Vanguard Marketing Corporation, or a Vanguard fund as required by applicable laws, rules, and regulations must be authorized by a Vanguard fund officer or a Principal of Vanguard.

Prohibitions on Disclosure of Portfolio Holdings

No person is authorized to disclose Vanguard fund portfolio holdings or other investment positions (whether online at *vanguard.com*, in writing, by fax, by e-mail, orally, or by other means) except in accordance with the Policies and Procedures. In addition, no person is authorized to make disclosure pursuant to the Policies and Procedures if such disclosure is otherwise unlawful under the antifraud provisions of the federal securities laws (as defined in Rule 38a-1 under the 1940 Act). Furthermore, Vanguard's management, at its sole discretion, may determine not to disclose portfolio holdings or other investment positions that make up a Vanguard fund to any person who would otherwise be eligible to receive such information under the Policies and Procedures, or may determine to make such disclosures publicly as provided by the Policies and Procedures.

Prohibitions on Receipt of Compensation or Other Consideration

The Policies and Procedures prohibit a Vanguard fund, its investment advisor, and any other person or entity from paying or receiving any compensation or other consideration of any type for the purpose of obtaining disclosure of Vanguard fund portfolio holdings or other investment positions. "Consideration" includes any agreement to maintain assets in the fund or in other investment companies or accounts managed by the investment advisor or by any affiliated person of the investment advisor.

INVESTMENT ADVISORY SERVICES

The Funds receive all investment advisory services from Vanguard, through its Fixed Income Group. These services are provided on an at-cost basis by an experienced investment advisory staff employed directly by Vanguard. The compensation and other expenses of the advisory staff are allocated among the funds utilizing these services.

During the fiscal years ended August 31, 2010, 2011, and 2012, the Funds incurred the following approximate investment advisory expenses:

Vanguard Fund	2010	2011	2012
Prime Money Market Fund	\$5,395,000	\$5,208,000	\$5,168,000
Federal Money Market Fund	377,000	262,000	203,000
Admiral Treasury Money Market Fund	1,080,000	825,000	652,000

1. Other Accounts Managed

David R. Glocke manages Vanguard Admiral Treasury Money Market Fund and Vanguard Prime Money Market Fund; as of August 31, 2012, the Funds collectively held assets of \$115 billion. As of August 31, 2012, Mr. Glocke also managed three other registered investment companies with total assets of \$16.9 billion and two other pooled investment vehicles with total assets of \$695 million (none of which had advisory fees based on account performance).

John C. Lanius manages Vanguard Federal Money Market Fund; as of August 31, 2012, the Fund held assets of \$4.1 billion. As of August 31, 2012, Mr. Lanius also managed two other registered investment companies with total assets of \$34 billion (none of which had advisory fees based on account performance).

2. Material Conflicts of Interest

At Vanguard, individual portfolio managers may manage multiple accounts for multiple clients. In addition to mutual funds, these accounts may include separate accounts, collective trusts, and offshore funds. Managing multiple funds or accounts may give rise to potential conflicts of interest including, for example, conflicts among investment strategies and conflicts in the allocation of investment opportunities. Vanguard manages potential conflicts between funds or accounts through allocation policies and procedures, internal review processes, and oversight by trustees and independent third parties. Vanguard has developed trade allocation procedures and controls to ensure that no one client, regardless of type, is intentionally favored at the expense of another. Allocation policies are designed to address potential conflicts in situations where two or more funds or accounts participate in investment decisions involving the same securities.

3. Description of Compensation

All Vanguard portfolio managers are Vanguard employees. This section describes the compensation of the Vanguard employees who manage Vanguard mutual funds. As of August 31, 2012, a Vanguard portfolio manager's compensation generally consists of base salary, bonus, and payments under Vanguard's long-term incentive compensation program. In addition, portfolio managers are eligible for the standard retirement benefits and health and welfare benefits available to all Vanguard employees. Also, certain portfolio managers may be eligible for additional retirement benefits under several supplemental retirement plans that Vanguard adopted in the 1980s to restore dollar-for-dollar the benefits of management employees that had been cut back solely as a result of tax law changes. These plans are structured to provide the same retirement benefits as the standard retirement plans.

In the case of portfolio managers responsible for managing multiple Vanguard funds or accounts, the method used to determine their compensation is the same for all funds and investment accounts. A portfolio manager's base salary is determined by the manager's experience and performance in the role, taking into account the ongoing compensation benchmark analyses performed by Vanguard's Human Resources Department. A portfolio manager's base salary is generally a fixed amount that may change as a result of an annual review, upon assumption of new duties, or when a market adjustment of the position occurs.

A portfolio manager's bonus is determined by a number of factors. One factor is gross, pre-tax performance of the fund relative to expectations for how the fund should have performed, given the fund's investment objective, policies, strategies, and limitations, and the market environment during the measurement period. This performance factor is not based on the value of assets held in the fund's portfolio. For each Fund, the performance factor depends on how successfully the portfolio manager maintains the credit quality of the Fund, and, consequently, how the Fund performs relative to the expectations previously described over a one-year period. Additional factors include the portfolio manager's contributions

to the investment management functions within the sub-asset class, contributions to the development of other investment professionals and supporting staff, and overall contributions to strategic planning and

B-30

decisions for the investment group. The target bonus is expressed as a percentage of base salary. The actual bonus paid may be more or less than the target bonus, based on how well the manager satisfies the objectives previously described. The bonus is paid on an annual basis.

Under the long-term incentive compensation program, all full-time employees receive a payment from Vanguard's long-term incentive compensation plan based on their years of service, job level, and, if applicable, management responsibilities. Each year, Vanguard's independent directors determine the amount of the long-term incentive compensation award for that year based on the investment performance of the Vanguard funds relative to competitors and Vanguard's operating efficiencies in providing services to the Vanguard funds.

4. Ownership of Securities

Vanguard employees, including portfolio managers, allocate their investments among the various Vanguard funds based on their own individual investment needs and goals. Vanguard employees, as a group, invest a sizeable portion of their personal assets in Vanguard funds. As of August 31, 2012, Vanguard employees collectively invested more than \$3.2 billion in Vanguard funds. F. William McNabb III, Chairman of the Board, Chief Executive Officer, and President of Vanguard and the Vanguard funds invests substantially all of his personal financial assets in Vanguard funds.

As of August 31, 2012, Mr. Glocke owned shares of Vanguard Prime Money Market Fund in an amount exceeding \$1,000,000. Except as noted in the previous sentence, Mr. Glocke and Mr. Lanius did not own any shares of the Funds they managed.

Duration and Termination of Investment Advisory Agreement

Vanguard provides at-cost investment advisory services to the Funds pursuant to the terms of the Fifth Amended and Restated Funds' Service Agreement. This agreement will continue in full force and effect until terminated or amended by mutual agreement of the Vanguard funds and Vanguard.

PORTFOLIO TRANSACTIONS

The advisor decides which securities to buy and sell on behalf of a Fund and then selects the brokers or dealers that will execute the trades on an agency basis or the dealers with whom the trades will be effected on a principal basis. For each trade, the advisor must select a broker-dealer that it believes will provide "best execution." Best execution does not necessarily mean paying the lowest spread or commission rate available. In seeking best execution, the SEC has said that an advisor should consider the full range of a broker-dealer's services. The factors considered by the advisor in seeking best execution include, but are not limited to, the broker-dealer's execution capability; clearance and settlement services; commission rate; trading expertise; willingness and ability to commit capital; ability to provide anonymity; financial responsibility; reputation and integrity; responsiveness; access to underwritten offerings and secondary markets; and access to company management, as well as the value of any research provided by the broker-dealer. In assessing which broker-dealer can provide best execution for a particular trade, the advisor also may consider the timing and size of the order and available liquidity and current market conditions. Subject to applicable legal requirements, the advisor may select a broker based partly on brokerage or research services provided to the advisor and its clients, including the Funds. The advisor may cause a Fund to pay a higher commission than other brokers would charge if the advisor determines in good faith that the amount of the commission is reasonable in relation to the value of services provided. The advisor also may receive brokerage or research services from broker-dealers that are provided at no charge in recognition of the volume of trades directed to the broker. To the extent research services or products may be a factor in selecting brokers, services and products may include written research reports analyzing performance or securities; discussions with research analysts; meetings with corporate executives to obtain oral reports on company performance; market data; and other products and services that will assist the advisor in its investment decision-making process. The research services provided by brokers through which a Fund effects securities transactions may be used by the advisor in servicing all of its accounts, and some of the services may not be used by the advisor in connection with the Fund.

The types of securities in which the Funds invest are generally purchased and sold through principal transactions, meaning that the Funds normally purchase securities directly from the issuer or a primary market-maker acting as principal for the

securities on a net basis. Explicit brokerage commissions are not paid on these transactions, although purchases of new issues from underwriters of securities typically include a commission or concession paid by the issuer

B-31

to the underwriter, and purchases from dealers serving as market-makers typically include a dealer's mark-up (i.e., a spread between the bid and the asked prices).

As previously explained, the types of securities that the Funds purchase do not normally involve the payment of explicit brokerage commissions. If any such brokerage commissions are paid, however, the advisor will evaluate their reasonableness by considering: (1) historical commission rates; (2) rates which other institutional investors are paying, based upon publicly available information; (3) rates quoted by brokers and dealers; (4) the size of a particular transaction, in terms of the number of shares, dollar amount, and number of clients involved; (5) the complexity of a particular transaction in terms of both execution and settlement; (6) the level and type of business done with a particular firm over a period of time; and (7) the extent to which the broker or dealer has capital at risk in the transaction.

During the fiscal years ended August 31, 2010, 2011, and 2012, the Funds did not pay any brokerage commissions. Some securities that are considered for investment by a Fund may also be appropriate for other Vanguard funds or for other clients served by the advisor. If such securities are compatible with the investment policies of a Fund and one or more of the advisor's other clients, and are considered for purchase or sale at or about the same time, then transactions in such securities may be aggregated by the advisor and the purchased securities or sale proceeds may be allocated among the participating Vanguard funds and the other participating clients of the advisor in a manner deemed equitable by the advisor. Although there may be no specified formula for allocating such transactions, the allocation methods used, and the results of such allocations, will be subject to periodic review by the Funds' board of trustees.

The ability of Vanguard and external advisors to purchase or dispose of investments in regulated industries, the derivatives markets, and certain international markets, or to exercise rights or undertake business transactions on behalf of a Fund, may be restricted or impaired due to limitations on the aggregate level of investment unless regulatory or corporate consents are obtained. As a result, Vanguard and external advisors on behalf of a Fund may be required to limit purchases, sell existing investments, or otherwise restrict or limit the exercise of shareholder rights by the Fund, including voting rights. As of August 31, 2012, each Fund held securities of its "regular brokers or dealers," as that term is defined in Rule 10b-1 of the 1940 Act, as follows:

Vanguard Fund	Regular Broker or Dealer (or Parent)	Aggregate Holdings
Prime Money Market Fund	Barclays Capital Inc.	–
	Goldman, Sachs & Co	\$ 33,878,000
	J.P. Morgan Securities Inc.	94,000,000
	RBC Capital Markets	47,000,000
	Toronto Dominion Securities Inc.	3,642,012,000
Federal Money Market Fund	Barclays Capital Inc.	–
	Goldman, Sachs & Co	\$ 2,000,000
	J.P. Morgan Securities Inc.	7,000,000
	RBC Capital Markets	3,000,000
Admiral Treasury Money Market Fund		–

PROXY VOTING GUIDELINES

The Board of Trustees (the Board) of each Vanguard fund that invests in stocks has adopted proxy voting procedures and guidelines to govern proxy voting by the fund. The Board has delegated oversight of proxy voting to the Proxy Oversight Committee (the Committee), made up of senior officers of Vanguard and subject to the operating procedures and guidelines described below. The Committee reports directly to the Board. Vanguard is subject to these procedures and guidelines to

the extent that they call for Vanguard to administer the voting process and implement the resulting voting decisions, and for these purposes the guidelines have been approved by the Board of Directors of Vanguard.

The overarching objective in voting is simple: to support proposals and director nominees that maximize the value of a fund' s investments—and those of fund shareholders—over the long term. Although the goal is simple, the proposals the funds receive are varied and frequently complex. As such, the guidelines adopted by the Board provide a rigorous

B-32

framework for assessing each proposal. Under the guidelines, each proposal must be evaluated on its merits, based on the particular facts and circumstances as presented.

For ease of reference, the procedures and guidelines often refer to all funds. However, our processes and practices seek to ensure that proxy voting decisions are suitable for individual funds. For most proxy proposals, particularly those involving corporate governance, the evaluation will result in the same position being taken across all of the funds and the funds voting as a block. In some cases, however, a fund may vote differently, depending upon the nature and objective of the fund, the composition of its portfolio, and other factors.

The guidelines do not permit the Board to delegate voting responsibility to a third party that does not serve as a fiduciary for the funds. Because many factors bear on each decision, the guidelines incorporate factors the Committee should consider in each voting decision. A fund may refrain from voting some or all of its shares if doing so would be in the fund's and its shareholders' best interests. These circumstances may arise, for example, if the expected cost of voting exceeds the expected benefits of voting, if exercising the vote would result in the imposition of trading or other restrictions, or if a fund (or all Vanguard-advised funds in the aggregate) were to own more than a maximum percentage of a company's stock (as determined by the company's governing documents).

In evaluating proxy proposals, we consider information from many sources, including, but not limited to, the investment advisor for the fund, the management or shareholders of a company presenting a proposal, and independent proxy research services. We will give substantial weight to the recommendations of the company's board, absent guidelines or other specific facts that would support a vote against management. In all cases, however, the ultimate decision rests with the members of the Committee, who are accountable to the fund's Board.

While serving as a framework, the following guidelines cannot contemplate all possible proposals with which a fund may be presented. In the absence of a specific guideline for a particular proposal (e.g., in the case of a transactional issue or contested proxy), the Committee will evaluate the issue and cast the fund's vote in a manner that, in the Committee's view, will maximize the value of the fund's investment, subject to the individual circumstances of the fund.

I. The Board of Directors

A. Election of directors

Good governance starts with a majority-independent board, whose key committees are made up entirely of independent directors. As such, companies should attest to the independence of directors who serve on the Compensation, Nominating, and Audit committees. In any instance in which a director is not categorically independent, the basis for the independence determination should be clearly explained in the proxy statement.

Although the funds will generally support the board's nominees, the following factors will be taken into account in determining each fund's vote:

Factors For Approval

Nominated slate results in board made up of a majority of independent directors.

All members of Audit, Nominating, and Compensation committees are independent of management.

Factors Against Approval

Nominated slate results in board made up of a majority of non-independent directors.

Audit, Nominating, and/or Compensation committees include non-independent members.

Incumbent board member failed to attend at least 75% of meetings in the previous year.

Actions of committee(s) on which nominee serves are inconsistent with other guidelines (e.g., excessive equity grants, substantial non-audit fees, lack of board independence).

B. Contested director elections

In the case of contested board elections, we will evaluate the nominees' qualifications, the performance of the incumbent board, and the rationale behind the dissidents' campaign, to determine the outcome that we believe will maximize shareholder value.

B-33

C. Classified boards

The funds will generally support proposals to declassify existing boards (whether proposed by management or shareholders), and will block efforts by companies to adopt classified board structures in which only part of the board is elected each year.

II. Approval of Independent Auditors

The relationship between the company and its auditors should be limited primarily to the audit, although it may include certain closely related activities that do not, in the aggregate, raise any appearance of impaired independence. The funds will generally support management's recommendation for the ratification of the auditor, except in instances in which audit and audit-related fees make up less than 50% of the total fees paid by the company to the audit firm. We will evaluate on a case-by-case basis instances in which the audit firm has a substantial non-audit relationship with the company (regardless of its size relative to the audit fee) to determine whether independence has been compromised.

III. Compensation Issues

A. Stock-based compensation plans

Appropriately designed stock-based compensation plans, administered by an independent committee of the board and approved by shareholders, can be an effective way to align the interests of long-term shareholders with the interests of management, employees, and directors. The funds oppose plans that substantially dilute their ownership interest in the company, provide participants with excessive awards, or have inherently objectionable structural features.

An independent compensation committee should have significant latitude to deliver varied compensation to motivate the company's employees. However, we will evaluate compensation proposals in the context of several factors (a company's industry, market capitalization, competitors for talent, etc.) to determine whether a particular plan or proposal balances the perspectives of employees and the company's other shareholders. We will evaluate each proposal on a case-by-case basis, taking all material facts and circumstances into account.

The following factors will be among those considered in evaluating these proposals:

Factors For Approval	Factors Against Approval
Company requires senior executives to hold a minimum amount of company stock (frequently expressed as a multiple of salary).	Total potential dilution (including all stock-based plans) exceeds 15% of shares outstanding.
Company requires stock acquired through equity awards to be held for a certain period of time.	Annual equity grants have exceeded 2% of shares outstanding.
Compensation program includes performance-vesting awards, indexed options, or other performance-linked grants.	Plan permits repricing or replacement of options without shareholder approval.
Concentration of equity grants to senior executives is limited (indicating that the plan is very broad-based).	Plan provides for the issuance of reload options.
Stock-based compensation is clearly used as a substitute for cash in delivering market-competitive total pay.	Plan contains automatic share replenishment (evergreen) feature.

B. Bonus plans

Bonus plans, which must be periodically submitted for shareholder approval to qualify for deductibility under Section 162(m) of the IRC, should have clearly defined performance criteria and maximum awards expressed in dollars. Bonus plans with awards that are excessive, in both absolute terms and relative to a comparative group, generally will not be supported.

C. Employee stock purchase plans

The funds will generally support the use of employee stock purchase plans to increase company stock ownership by employees, provided that shares purchased under the plan are acquired for no less than 85% of their market value and that shares reserved under the plan amount to less than 5% of the outstanding shares.

D. Advisory votes on executive compensation (Say on Pay)

In addition to proposals on specific equity or bonus plans, the funds are required to cast advisory votes approving many companies' overall executive compensation plans (so-called Say on Pay votes). In evaluating these proposals, we consider a number of factors, including the amount of compensation that is at risk, the amount of equity-based compensation that is linked to the company's performance, and the level of compensation as compared to industry peers. The funds will generally support pay programs that demonstrate effective linkage between pay and performance over time and that provide compensation opportunities that are competitive relative to industry peers. On the other hand, pay programs in which significant compensation is guaranteed or insufficiently linked to performance will be less likely to earn our support.

E. Executive severance agreements (golden parachutes)

Although executives' incentives for continued employment should be more significant than severance benefits, there are instances—particularly in the event of a change in control—in which severance arrangements may be appropriate. Severance benefits payable upon a change of control AND an executive's termination (so-called "double trigger" plans) are generally acceptable to the extent that benefits paid do not exceed three times salary and bonus. Arrangements in which the benefits exceed three times salary and bonus should be justified and submitted for shareholder approval. We do not generally support guaranteed severance absent a change in control or arrangements that do not require the termination of the executive (so-called "single trigger" plans).

IV. Corporate Structure and Shareholder Rights

The exercise of shareholder rights, in proportion to economic ownership, is a fundamental privilege of stock ownership that should not be unnecessarily limited. Such limits may be placed on shareholders' ability to act by corporate charter or by-law provisions, or by the adoption of certain takeover provisions. In general, the market for corporate control should be allowed to function without undue interference from these artificial barriers.

The funds' positions on a number of the most commonly presented issues in this area are as follows:

A. Shareholder rights plans (poison pills)

A company's adoption of a so-called poison pill effectively limits a potential acquirer's ability to buy a controlling interest without the approval of the target's board of directors. Such a plan, in conjunction with other takeover defenses, may serve to entrench incumbent management and directors. However, in other cases, a poison pill may force a suitor to negotiate with the board and result in the payment of a higher acquisition premium.

In general, shareholders should be afforded the opportunity to approve shareholder rights plans within a year of their adoption. This provides the board with the ability to put a poison pill in place for legitimate defensive purposes, subject to subsequent approval by shareholders. In evaluating the approval of proposed shareholder rights plans, we will consider the following factors:

Factors For Approval	Factors Against Approval
Plan is relatively short-term (3-5 years).	Plan is long term (>5 years).
Plan requires shareholder approval for renewal.	Renewal of plan is automatic or does not require shareholder approval.
Plan incorporates review by a committee of independent directors at least every three years (so-called TIDE provisions).	Board with limited independence.
Ownership trigger is reasonable (15-20%).	Ownership trigger is less than 15%.
Highly independent, non-classified board.	Classified board.
Plan includes permitted-bid/qualified-offer feature (chewable pill) that mandates a shareholder vote in certain situations.	

B. Cumulative voting

The funds are generally opposed to cumulative voting under the premise that it allows shareholders a voice in director elections that is disproportionate to their economic investment in the corporation.

C. Supermajority vote requirements

The funds support shareholders' ability to approve or reject matters presented for a vote based on a simple majority. Accordingly, the funds will support proposals to remove supermajority requirements and oppose proposals to impose them.

D. Right to call meetings and act by written consent

The funds support shareholders' right to call special meetings of the board (for good cause and with ample representation) and to act by written consent. The funds will generally vote for proposals to grant these rights to shareholders and against proposals to abridge them.

E. Confidential voting

The integrity of the voting process is enhanced substantially when shareholders (both institutions and individuals) can vote without fear of coercion or retribution based on their votes. As such, the funds support proposals to provide confidential voting.

F. Dual classes of stock

We are opposed to dual class capitalization structures that provide disparate voting rights to different groups of shareholders with similar economic investments. We will oppose the creation of separate classes with different voting rights and will support the dissolution of such classes.

V. Corporate and Social Policy Issues

Proposals in this category, initiated primarily by shareholders, typically request that the company disclose or amend certain business practices. The Board generally believes that these are "ordinary business matters" that are primarily the responsibility of management and should be evaluated and approved solely by the corporation's board of directors. Often, proposals may address concerns with which the Board philosophically agrees, but absent a compelling economic impact on shareholder value (e.g., proposals to require expensing of stock options), the funds will typically abstain from voting on these proposals. This reflects the belief that regardless of our philosophical perspective on the issue, these decisions should be the province of company management unless they have a significant, tangible impact on the value of a fund's investment and management is not responsive to the matter.

VI. Voting in Foreign Markets

Corporate governance standards, disclosure requirements, and voting mechanics vary greatly among the markets outside the United States in which the funds may invest. Each fund's votes will be used, where applicable, to advocate for improvements in governance and disclosure by each fund's portfolio companies. We will evaluate issues presented to shareholders for each fund's foreign holdings in the context with the guidelines described above, as well as local market standards and best practices. The funds will cast their votes in a manner believed to be philosophically consistent with these guidelines, while taking into account differing practices by market. In addition, there may be instances in which the funds elect not to vote, as described below.

Many foreign markets require that securities be "blocked" or reregistered to vote at a company's meeting. Absent an issue of compelling economic importance, we will generally not subject the fund to the loss of liquidity imposed by these requirements.

The costs of voting (e.g., custodian fees, vote agency fees) in foreign markets may be substantially higher than for U.S. holdings. As such, the fund may limit its voting on foreign holdings in instances in which the issues presented are unlikely to have a material impact on shareholder value.

VII. Voting Shares of a Company that has an Ownership Limitation

Certain companies have provisions in their governing documents that restrict stock ownership in excess of a specified limit. The ownership limit may be applied at the individual fund level or across all Vanguard-advised funds. Typically, these ownership restrictions are included in the governing documents of real estate investment trusts, but may be included in other companies' governing documents.

A company's governing documents normally allow the company to grant a waiver of these ownership limits, which would allow a fund (or all Vanguard-advised funds) to exceed the stated ownership limit. Sometimes a company will grant a waiver without restriction. From time to time, a company may grant a waiver only if a fund (or funds) agrees to not vote the company's shares in excess of the normal specified limit. In such a circumstance, a fund may refrain from voting shares if owning the shares beyond the company's specified limit is in the best interests of the fund and its shareholders.

VIII. Voting on a Fund's Holdings of Other Vanguard Funds

Certain Vanguard funds (owner funds) may, from time to time, own shares of other Vanguard funds (underlying funds). If an underlying fund submits a matter to a vote of its shareholders, votes for and against such matters on behalf of the owner funds will be cast in the same proportion as the votes of the other shareholders in the underlying fund.

IX. The Proxy Voting Group

The Board has delegated the day-to-day operations of the funds' proxy voting process to the Proxy Voting Group, which the Committee oversees. Although most votes will be determined, subject to the individual circumstances of each fund, by reference to the guidelines as separately adopted by each of the funds, there may be circumstances when the Proxy Voting Group will refer proxy issues to the Committee for consideration. In addition, at any time, the Board has the authority to vote proxies, when, at the Board's or the Committee's discretion, such action is warranted.

The Proxy Voting Group performs the following functions: (1) managing proxy voting vendors; (2) reconciling share positions; (3) analyzing proxy proposals using factors described in the guidelines; (4) determining and addressing potential or actual conflicts of interest that may be presented by a particular proxy; and (5) voting proxies. The Proxy Voting Group also prepares periodic and special reports to the Board, and any proposed amendments to the procedures and guidelines.

X. The Proxy Oversight Committee

The Board, including a majority of the independent trustees, appoints the members of the Committee who are senior officers of Vanguard.

The Committee does not include anyone whose primary duties include external client relationship management or sales. This clear separation between the proxy voting and client relationship functions is intended to eliminate any potential conflict of interest in the proxy voting process. In the unlikely event that a member of the Committee believes he or she might have a conflict of interest regarding a proxy vote, that member must recuse himself or herself from the committee meeting at which the matter is addressed, and not participate in the voting decision.

The Committee works with the Proxy Voting Group to provide reports and other guidance to the Board regarding proxy voting by the funds. The Committee has an obligation to conduct its meetings and exercise its decision-making authority subject to the fiduciary standards of good faith, fairness, and Vanguard's Code of Ethics. The Committee shall authorize proxy votes that the Committee determines, at its sole discretion, to be in the best interests of each fund's shareholders. In determining how to apply the guidelines to a particular factual situation, the Committee may not take into account any interest that would conflict with the interest of fund shareholders in maximizing the value of their investments.

The Board may review these procedures and guidelines and modify them from time to time. The procedures and guidelines are available on Vanguard's website at *vanguard.com*.

You may obtain a free copy of a report that details how the funds voted the proxies relating to the portfolio securities held by the funds for the prior 12-month period ended June 30 by logging on to Vanguard's website at *vanguard.com* or the SEC's website at *sec.gov*.

FINANCIAL STATEMENTS

Each Fund's Financial Statements for the fiscal year ended August 31, 2012, appearing in the Funds' 2012 Annual Report to Shareholders, and the report thereon of PricewaterhouseCoopers LLP, an independent registered public accounting firm, also appearing therein, are incorporated by reference into this Statement of Additional Information. For a more complete discussion of each Fund's performance, please see the Funds' Annual and Semiannual Reports to Shareholders, which may be obtained without charge.

DESCRIPTION OF DEBT RATINGS

The following are excerpts from Moody's Investors Service, Inc.'s description of its three highest preferred bond ratings:

Aaa—Judged to be the best quality. They carry the smallest degree of investment risk.

Aa—Judged to be of high quality by all standards. Together with the Aaa group they make up what are generally known as high-grade bonds.

A—Possess many favorable investment attributes and are considered as “upper-medium-grade obligations.”

Moody's also supplies numerical indicators (1, 2, and 3) to rating categories. The modifier 1 indicates that the security is in the higher end of its rating category; the modifier 2 indicates a mid-range ranking; and the modifier 3 indicates a ranking toward the lower end of the category.

The following are excerpts from Standard & Poor's Corporation's description of its three highest preferred bond ratings:

AAA—Highest grade obligations. The capacity to pay interest and repay principal is extremely strong.

AA—Also qualify as high-grade obligations. They have a very strong capacity to pay interest and repay principal, and they differ from AAA issues only in a small degree.

A—Regarded as upper-medium-grade. They have a strong capacity to pay interest and repay principal although they are somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than debt in higher rated categories.

Standard & Poor's applies indicators “+,” or “-,” or no character, to its rating categories. The indicators show relative standing within the major rating categories.

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