SUPPLEMENT TO THE CURRENTLY EFFECTIVE SUMMARY PROSPECTUS AND PROSPECTUS

DWS GNMA Fund

The following information replaces the existing disclosure contained under the "Portfolio Manager(s)" sub-heading of the "MANAGEMENT" section of the fund's summary prospectus and the summary section of the fund's prospectus.

Hyun Lee, CFA, Director and Senior Portfolio Manager Fixed Income. Co-Lead Portfolio Manager of the fund. Began managing the fund in 2023.

James Kole, CFA, Vice President and Portfolio Manager. Co-Lead Portfolio Manager of the fund. Began managing the fund in 2024.

Thomas J. Sweeney, CFA, Managing Director and Head of Investment Strategy Fixed Income. Portfolio Manager of the fund. Began managing the fund in 2023.

The following information replaces the existing disclosure contained under the "MANAGEMENT" heading in the "FUND DETAILS" section of the fund's prospectus.

Hyun Lee, CFA, Director and Senior Portfolio Manager Fixed Income. Co-Lead Portfolio Manager of the fund. Began managing the fund in 2023.

- Joined DWS in 2022 with 21 years of industry experience. Prior to his current role, he served as Portfolio Manager at Lord Abbett, managing residential MBS, US inflation and rates products.
- Senior Portfolio Manager Fixed Income: New York.
- BA and MA in Economics, University of Chicago.

James Kole, CFA, Vice President and Portfolio Manager. Co-Lead Portfolio Manager of the fund. Began managing the fund in 2024.

- Joined DWS in 2022 with 15 years of industry experience. Prior to his current role, he worked as a trader on the Agency Mortgage-Backed Securities ("Agency MBS") team and also as a Portfolio Manager for Institutional accounts. Before joining DWS, he was a Director within Sales and Trading at Stifel Nicolaus, focusing on Agency MBS. Prior to that role, he worked at Barclays Capital in numerous roles which also focused on Agency MBS.
- Portfolio Manager: New York.
- BS in Psychology, Montclair State University.

Thomas J. Sweeney, CFA, Managing Director and Head of Investment Strategy Fixed Income. Portfolio Manager of the fund. Began managing the fund in 2023.

- Joined DWS in 2005 with 4 years of industry experience. Prior to his current role, he served as a structured trader. Previously, he worked in the Technology division. Before joining, he developed portfolio analytics systems at Merrill Lynch as a part of their Private Investors Technology Group.
- Portfolio Manager / Structured Finance Sector Head: New York.
- BS in Computer Science, Rutgers College.

Please Retain This Supplement for Future Reference





Summary Prospectus | February 1, 2025

DWS GNMA Fund

Class/Ticker A GGGGX C GCGGX R6 GRRGX INST GIGGX S SGINX

Before you invest, you may want to review the fund's prospectus, which contains more information about the fund and its risks. You can find the fund's prospectus, reports to shareholders, Statement of Additional Information (SAI) and other information about the fund online at dws.com/mutualpros. You can also get this information at no cost by e-mailing a request to service@dws.com, calling (800) 728-3337 or asking your financial representative. The Prospectus and SAI, both dated February 1, 2025, as may be revised or supplemented from time to time, are incorporated by reference into this Summary Prospectus.

INVESTMENT OBJECTIVE

The fund seeks to produce a high level of income.

FEES AND EXPENSES

These are the fees and expenses you may pay when you buy, hold and sell shares. You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the tables and examples below. You may qualify for sales charge discounts in Class A shares if you and your immediate family invest, or agree to invest in the future, at least \$100,000 in DWS funds. More information about these and other discounts and waivers is available from your financial representative and in Choosing a Share Class in the prospectus (p. 58), Sales Charge Waivers and Discounts Available Through Intermediaries in the prospectus (Appendix B, p. 109) and Purchase and Redemption of Shares in the fund's SAI (p. II-15).

SHAREHOLDER FEES (paid directly from your investment)

	Α	С	R6	INST	S
Maximum sales charge (load) imposed on purchases, as % of offering price	2.75	None	None	None	None
Maximum deferred sales charge (load), as % of redemption proceeds ¹	None	1.00	None	None	None
Account Maintenance Fee (annually, for fund account balances below \$10,000 and subject to certain exceptions)	\$20	\$20	None	None	\$20

ANNUAL FUND OPERATING EXPENSES

(expenses that you pay each year as a % of the value of your investment)

	Α	С	R6	INST	S
Management fee	0.32	0.32	0.32	0.32	0.32
Distribution/service (12b-1) fees	0.23	0.99	None	None	None
Other expenses	0.31	0.32	0.19	0.28	0.31
Total annual fund operating expenses	0.86	1.63	0.51	0.60	0.63
Fee waiver/expense reimbursement	0.03	0.05	0.00	0.04	0.05
Total annual fund operating expenses after fee waiver/expense reimbursement	0.83	1.58	0.51	0.56	0.58

¹ Investments of \$250,000 or more may be eligible to buy Class A shares without a sales charge (load), but may be subject to a contingent deferred sales charge of 0.50% if redeemed within 12 months of the original purchase date.

The Advisor has contractually agreed through January 31, 2026 to waive its fees and/or reimburse fund expenses to the extent necessary to maintain the fund's total annual operating expenses (excluding certain expenses such as extraordinary expenses, taxes, brokerage, interest expense and acquired fund fees and expenses) at ratios no higher than 0.83%, 1.58%, 0.56% and 0.58% for Class A, Class C, Institutional Class and Class S, respectively. The agreement may only be terminated with the consent of the fund's Board.

EXAMPLE

This Example is intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in the fund for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the fund's operating expenses (including one year of capped expenses in each period for Class A, Class C, Institutional Class and Class S) remain the same. Class C shares generally convert automatically to Class A shares after 8 years. The information presented in the Example for Class C reflects the conversion of Class C shares to Class A shares after 8 years. See "Class C

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Shares" in the "Choosing a Share Class" section of the prospectus for more information. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

Years	Α	С	R6	INST	S
1	\$ 357	\$ 261	\$ 52	\$ 57	\$ 59
3	539	509	164	188	197
5	736	882	285	331	346
10	1,304	1,723	640	746	782

You would pay the following expenses if you did not redeem your shares:

Years	Α	С	R6	INST	S
1	\$ 357	\$ 161	\$ 52	\$ 57	\$ 59
3	539	509	164	188	197
5	736	882	285	331	346
10	1,304	1,723	640	746	782

PORTFOLIO TURNOVER

The fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover may indicate higher transaction costs and may mean higher taxes if you are investing in a taxable account. These costs are not reflected in annual fund operating expenses or in the expense example, and can affect the fund's performance. During the most recent fiscal year, the fund's portfolio turnover rate was 545% of the average value of its portfolio.

PRINCIPAL INVESTMENT STRATEGIES

Main investments. Under normal circumstances, the fund invests at least 80% of net assets, plus the amount of any borrowings for investment purposes, in "Ginnie Maes," which are mortgage-backed securities that are issued or guaranteed by the Government National Mortgage Association (GNMA). For purposes of the fund's 80% investment policy, investments in "Ginnie Maes" include investments in collateralized mortgage obligations collateralized by a pool of mortgage backed securities guaranteed by GNMA. The fund may also purchase or sell securities on a whenissued, delayed delivery or forward commitment basis, including US government agency mortgage-backed to-beannounced securities (TBAs). A forward commitment transaction is an agreement by the fund to purchase or sell securities at a specified future date. The fund may sell the forward commitment securities before the settlement date or enter into new commitments to extend the delivery date into the future.

The balance of the fund's assets, among other permitted investments, may be invested in asset-backed securities or commercial mortgage-backed securities, or securities issued by the US government, its agencies or instrumentalities. These securities may not be guaranteed by the US

Treasury or backed by the full faith and credit of the US government. The fund may also hold up to 10% of its total net assets in uninvested cash, cash equivalents (such as money market securities), repurchase agreements or shares of money market funds or short-term bond funds, which investments may not be issued or guaranteed by the US government, its agencies or instrumentalities. Because the fund may invest in fixed income securities of varying maturities, the fund's dollar-weighted average effective portfolio maturity will vary. As of December 31, 2024, the fund had a dollar-weighted average effective portfolio maturity of 8.34 years.

Management process. In deciding which types of securities to buy and sell, portfolio management first considers the relative attractiveness of Ginnie Maes compared to other eligible securities and decides on allocations. The decisions are generally based on a number of factors, including changes in supply and demand within the bond market and prepayment rates of individual bonds.

In choosing individual bonds, portfolio management reviews each bond's fundamentals, compares the yields of bonds and uses detailed analysis to project prepayment rates and other factors that could affect a bond's attractiveness. Portfolio management may also adjust the duration (a measure of sensitivity to interest rate movements) of the fund's portfolio, based upon their analysis.

Derivatives. Portfolio management generally may use interest rate futures contracts or interest rate swaps, which are types of derivatives (financial instruments whose performance is derived, at least in part, from the performance of an underlying asset, security or index) for duration management (i.e., reducing or increasing the sensitivity of the fund's portfolio to interest rate changes) or to enhance returns. In addition, portfolio management generally may use (i) options on GNMATBAs or total return swaps to seek to enhance potential gains; and (ii) options on interest rate futures or on interest rates to hedge against potential adverse interest rate movements.

The fund may also use other types of derivatives (i) for hedging purposes; (ii) for risk management; (iii) for non-hedging purposes to seek to enhance potential gains; or (iv) as a substitute for direct investment in a particular asset class or to keep cash on hand to meet shareholder redemptions.

Securities lending. The fund may lend securities (up to one-third of total assets) to approved institutions, such as registered broker-dealers, pooled investment vehicles, banks and other financial institutions. In connection with such loans, the fund receives liquid collateral in an amount that is based on the type and value of the securities being lent, with riskier securities generally requiring higher levels of collateral.

Active trading. The fund is expected to trade securities actively and this may lead to high portfolio turnover.

MAIN RISKS

There are several risk factors that could hurt the fund's performance, cause you to lose money or cause the fund's performance to trail that of other investments. The fund may not achieve its investment objective, and is not intended to be a complete investment program. An investment in the fund is not a deposit of a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency.

Mortgage-backed and other asset-backed securities risk. These securities represent interests in "pools" of mortgages or other assets such as consumer loans or receivables held in trust and often involve risks that are different from or possibly more acute than risks associated with other types of debt instruments. When market interest rates increase, the market values of mortgagebacked securities generally decline. At the same time, however, increased rates typically cause mortgage refinancings and prepayments to slow, which lengthens the effective duration of these securities. As a result, the negative effect of an interest rate increase on the market value of mortgage-backed securities is usually more pronounced than it is for other types of fixed income securities, potentially increasing the volatility of the fund. Conversely, when market interest rates decline, the market values of mortgage-backed securities generally increase. However, as mortgage-holders seek to refinance at the lower rates, the rate of prepayment of the underlying mortgages also tends to increase, which shortens the effective duration of these securities and may expose the fund to a lower rate of return on reinvestment. Mortgage-backed securities not backed by a government guarantee may be subject to the risk that underlying borrowers will be unable to meet their obligations and the value of property that secures the mortgage may decline in value and be insufficient, upon foreclosure, to repay the associated loan.

Investments in other asset-backed securities are subject to risks similar to those associated with mortgage-backed securities, as well as additional risks associated with the nature of the assets and the servicing of those assets. Payment of principal and interest on asset-backed securities may be largely dependent upon the cash flows generated by the assets backing the securities, and asset-backed securities may not have the benefit of any security interest in the related assets.

Market disruption risk. Economies and financial markets throughout the world have become increasingly interconnected, which has increased the likelihood that events or conditions in one country or region will adversely impact markets or issuers in other countries or regions. This includes reliance on global supply chains that are susceptible to disruptions resulting from, among other things, war and other armed conflicts, extreme weather events, and natural disasters. Such supply chain disruptions can lead to, and have led to, economic and market disruptions that have far-reaching effects on financial markets worldwide.

The value of the fund's investments may be negatively affected by adverse changes in overall economic or market conditions, such as the level of economic activity and productivity, unemployment and labor force participation rates, inflation or deflation (and expectations for inflation or deflation), interest rates, demand and supply for particular products or resources including labor, and debt levels and credit ratings, among other factors. Such adverse conditions may contribute to an overall economic contraction across entire economies or markets, which may negatively impact the profitability of issuers operating in those economies or markets. In addition, geopolitical and other globally interconnected occurrences, including war, terrorism, economic uncertainty or financial crises, contagion, trade disputes, government debt crises (including defaults or downgrades) or uncertainty about government debt payments, government shutdowns, public health crises, natural disasters, supply chain disruptions, climate change and related events or conditions, have led, and in the future may lead, to disruptions in the US and world economies and markets, which may increase financial market volatility and have significant adverse direct or indirect effects on the fund and its investments. Adverse market conditions or disruptions could cause the fund to lose money, experience significant redemptions, and encounter operational difficulties. Although multiple asset classes may be affected by adverse market conditions or a particular market disruption, the duration and effects may not be the same for all types of assets.

Current military and other armed conflicts in various geographic regions, including those in Europe and the Middle East, can lead to, and have led to, economic and market disruptions, which may not be limited to the geographic region in which the conflict is occurring. Such conflicts can also result, and have resulted in some cases, in sanctions being levied by the United States, the European Union and/or other countries against countries or other actors involved in the conflict. In addition, such conflicts and related sanctions can adversely affect regional and global energy, commodities, financial and other markets and thus could affect the value of the fund's investments. The extent and duration of any military conflict, related sanctions and resulting economic and market disruptions are impossible to predict, but could be substantial.

Other market disruption events include pandemic spread of viruses, such as the novel coronavirus known as COVID-19, which have caused significant uncertainty, market volatility, decreased economic and other activity, increased government activity, including economic stimulus measures, and supply chain disruptions. While COVID-19 is no longer considered to be a public health emergency, the fund and its investments may be adversely affected by lingering effects of this virus or future pandemic spread of viruses.

In addition, markets are becoming increasingly susceptible to disruption events resulting from the use of new and emerging technologies to engage in cyber-attacks or to take over the Web sites and/or social media accounts of companies, governmental entities or public officials, or to otherwise pose as or impersonate such, which then may be used to disseminate false or misleading information that can cause volatility in financial markets or for the securities of a particular company, group of companies, industry or other class of assets.

Adverse market conditions or particular market disruptions, such as those discussed above, may magnify the impact of each of the other risks described in this "MAIN RISKS" section and may increase volatility in one or more markets in which the fund invests leading to the potential for greater losses for the fund.

Inflation risk. Inflation risk is the risk that the real value of certain assets or real income from investments (the value of such assets or income after accounting for inflation) will be less in the future as inflation decreases the value of money. Inflation, and investors' expectation of future inflation, can impact the current value of the fund's portfolio, resulting in lower asset values and losses to shareholders. This risk may be elevated compared to historical market conditions and could be impacted by monetary policy measures and the current interest rate environment.

Interest rate risk. When interest rates rise, prices of debt securities generally decline. The longer the duration of the fund's debt securities, the more sensitive the fund will be to interest rate changes. (As a general rule, a 1% rise in interest rates means a 1% fall in value for every year of duration.) Interest rates can change in response to the supply and demand for credit, government and/or central bank monetary policy and action, inflation rates, and other factors. Recent and potential future changes in monetary policy made by central banks or governments are likely to affect the level of interest rates. Changing interest rates may have unpredictable effects on markets, may result in heightened market volatility and potential illiquidity and may detract from fund performance to the extent the fund is exposed to such interest rates and/or volatility. Rising interest rates could cause the value of the fund's investments — and therefore its share price as well — to decline. A rising interest rate environment may cause investors to move out of fixed-income securities and related markets on a large scale, which could adversely affect the price and liquidity of such securities and could also result in increased redemptions from the fund. Increased redemptions from the fund may force the fund to sell investments at a time when it is not advantageous to do so, which could result in losses.

Prepayment and extension risk. When interest rates fall, issuers of high interest debt obligations may pay off the debts earlier than expected (prepayment risk), and the fund may have to reinvest the proceeds at lower yields. When interest rates rise, issuers of lower interest debt

obligations may pay off the debts later than expected (extension risk), thus keeping the fund's assets tied up in lower interest debt obligations. Ultimately, any changes or unexpected behavior in interest rates could increase the volatility of the fund's share price and yield and could hurt fund performance. Prepayments could also create capital gains tax liability in some instances.

Credit risk. The fund's performance could be hurt if an issuer of a debt security suffers an adverse change in financial condition that results in the issuer not making timely payments of interest or principal, a security downgrade or an inability to meet a financial obligation.

US Government default risk. Due to the rising US government debt burden and potential limitations caused by the statutory debt ceiling, it is possible that the US government may not be able to meet its financial obligations or that securities issued by the US government may experience credit downgrades. In the past, US sovereign credit has experienced downgrades and there can be no guarantee that it will not experience further downgrades in the future by rating agencies. Such a credit event may adversely impact the financial markets and the fund. From time to time, uncertainty regarding the status of negotiations in the US government to increase the statutory debt ceiling and/or failure to increase the statutory debt ceiling could increase the risk that the US government may default on payments on certain US government securities, cause the credit rating of the US government to be downgraded or increase volatility in financial markets, result in higher interest rates, reduce prices of US Treasury securities and/or increase the costs of certain kinds of debt.

Security selection risk. The securities in the fund's portfolio may decline in value. Portfolio management could be wrong in its analysis of industries, companies, economic trends, the relative attractiveness of different securities or other matters.

Securities lending risk. Securities lending involves the risk that the fund may lose money because the borrower of the loaned securities fails to return the securities in a timely manner or at all. A delay in the recovery of loaned securities could interfere with the fund's ability to vote proxies or settle transactions. Delayed settlement may limit the ability of the fund to reinvest the proceeds of a sale of securities or prevent the fund from selling securities at times and prices it considers desirable. The fund could also lose money in the event of a decline in the value of the collateral provided for the loaned securities, or a decline in the value of any investments made with cash collateral or even a loss of rights in the collateral should the borrower of the securities fail financially while holding the securities.

Derivatives risk. Derivatives involve risks different from, and possibly greater than, the risks associated with investing directly in securities and other more traditional investments. Risks associated with derivatives may include the risk that the derivative is not well correlated

with the underlying asset, security or index to which it relates; the risk that derivatives may result in losses or missed opportunities; the risk that the fund will be unable to sell the derivative because of an illiquid secondary market; the risk that a counterparty is unwilling or unable to meet its obligation, which risk may be heightened in derivative transactions entered into "over-the-counter" (i.e., not on an exchange or contract market); and the risk that the derivative transaction could expose the fund to the effects of leverage, which could increase the fund's exposure to the market and magnify potential losses.

To the extent portfolio management seeks to identify interest rate trends using derivatives, the risk of loss may be heightened during periods of rapid changes in interest rates.

Counterparty risk. A financial institution or other counterparty with whom the fund does business, or that underwrites, distributes or guarantees any investments or contracts that the fund owns or is otherwise exposed to, may decline in financial health and become unable to honor its commitments. This could cause losses for the fund or could delay the return or delivery of collateral or other assets to the fund.

Liquidity risk. In certain situations, it may be difficult or impossible to sell an investment and/or the fund may sell certain investments at a price or time that is not advantageous in order to meet redemption requests or other cash needs. Unusual market conditions, such as an unusually high volume of redemptions or other similar conditions could increase liquidity risk for the fund, and in extreme conditions, the fund could have difficulty meeting redemption requests.

Pricing risk. If market conditions make it difficult to value some investments, the fund may value these investments using more subjective methods and the value determined for an investment may be materially different from the value realized upon such investment's sale. As a result, you could pay more than the market value when buying fund shares or receive less than the market value when selling fund shares.

Forward commitment risk. When a fund engages in when-issued, delayed delivery or forward commitment transactions (e.g., TBAs), the fund relies on the counterparty to consummate the sale. Failure to do so may result in the fund missing the opportunity to obtain a price or yield considered to be advantageous. Such transactions may also have the effect of leverage on the fund and may cause the fund to be more volatile. Additionally, these transactions may create a higher portfolio turnover rate.

Operational and technology risk. Cyber-attacks, disruptions or failures that affect the fund's service providers or counterparties, issuers of securities held by the fund, or other market participants may adversely affect the fund and its shareholders, including by causing losses for the fund or impairing fund operations. For example, the fund's

or its service providers' assets or sensitive or confidential information may be misappropriated, data may be corrupted and operations may be disrupted (e.g., cyberattacks, operational failures or broader disruptions may cause the release of private shareholder information or confidential fund information, interfere with the processing of shareholder transactions, impact the ability to calculate the fund's net asset value and impede trading). Market events and disruptions also may trigger a volume of transactions that overloads current information technology and communication systems and processes, impacting the ability to conduct the fund's operations.

While the fund and its service providers may establish business continuity and other plans and processes that seek to address the possibility of and fallout from cyberattacks, disruptions or failures, there are inherent limitations in such plans and systems, including that they do not apply to third parties, such as fund counterparties, issuers of securities held by the fund or other market participants, as well as the possibility that certain risks have not been identified or that unknown threats may emerge in the future and there is no assurance that such plans and processes will be effective. Among other situations, disruptions (for example, pandemics or health crises) that cause prolonged periods of remote work or significant employee absences at the fund's service providers could impact the ability to conduct the fund's operations. In addition, the fund cannot directly control any cybersecurity plans and systems put in place by its service providers, fund counterparties, issuers of securities held by the fund or other market participants.

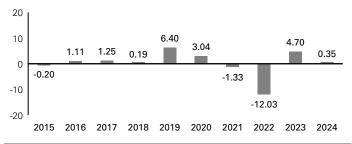
Active trading risk. Active securities trading could raise transaction costs (thus lowering returns) and could mean increased taxable distributions to shareholders and distributions that will be taxable to shareholders at higher federal income tax rates.

PAST PERFORMANCE

How a fund's returns vary from year to year can give an idea of its risk; so can comparing fund performance to overall market performance (as measured by an appropriate broad-based securities market index). Past performance may not indicate future results. All performance figures below assume that dividends and distributions were reinvested. For more recent performance figures, go to dws.com (the Web site does not form a part of this prospectus) or call the telephone number included in this prospectus.

CALENDAR YEAR TOTAL RETURNS (%) (Class A)

These year-by-year returns do not include sales charges, if any, and would be lower if they did. Returns for other classes were different and are not shown here.



	Returns Period ending	
Best Quarter	7.19%	December 31, 2023
Worst Quarter	-5.83%	September 30, 2022

AVERAGE ANNUAL TOTAL RETURNS

(For periods ended 12/31/2024 expressed as a %)

After-tax returns (which are shown only for Class A and would be different for other classes) reflect the historical highest individual federal income tax rates, but do not reflect any state or local taxes. Your actual after-tax returns may be different. After-tax returns are not relevant to shares held in an IRA, 401(k) or other tax-advantaged investment plan.

	Class Inception	1 Year	5 Years	10 Years
Class A before tax	2/2/2009	-2.41	-1.79	-0.05
After tax on distribu- tions After tax on distribu- tions and sale of fund		-3.87	-2.75	-1.11
shares		-1.43	-1.73	-0.48
Class C before tax	2/2/2009	-1.38	-1.99	-0.54
INST Class before tax	2/2/2009	0.55	-0.99	0.48
Class S before tax	7/14/2000	0.59	-1.01	0.47
Bloomberg U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)		1.25	-0.33	1.35
Bloomberg GNMA Index (reflects no deduction for fees, expenses or taxes)		0.96	-0.60	0.85

	Class Inception	1 Year	5 Years	Since Inception
Class R6 before tax	2/2/2015	0.71	-0.91	0.55
Bloomberg U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)		1.25	-0.33	1.15
Bloomberg GNMA Index (reflects no deduc- tion for fees, expenses or taxes)		0.96	-0.60	0.81

The Bloomberg U.S. Aggregate Bond Index replaces the Bloomberg GNMA Index as the fund's broad-based index in compliance with updated regulatory requirements. The Bloomberg GNMA Index is a more narrowly based index that reflects the market sector in which the fund invests.

MANAGEMENT

Investment Advisor

DWS Investment Management Americas, Inc.

Portfolio Manager(s)

Hyun Lee, CFA, Director and Senior Portfolio Manager Fixed Income. Co-Lead Portfolio Manager of the fund. Began managing the fund in 2023.

James Kole, CFA, Vice President and Portfolio Manager. Co-Lead Portfolio Manager of the fund. Began managing the fund in 2024.

Thomas J. Sweeney, CFA, Managing Director and Head of Investment Strategy Fixed Income. Portfolio Manager of the fund. Began managing the fund in 2023.

Bob Mogalapu, CFA, Vice President and Portfolio Manager. Portfolio Manager of the fund. Began managing the fund in 2023.

PURCHASE AND SALE OF FUND SHARES

MINIMUM INITIAL INVESTMENT (\$)

	Non-IRA	IRAs	UGMAs/ UTMAs	Automatic Investment Plans
A, C	1,000	500	1,000	500
R6	None	N/A	N/A	N/A
INST	1,000,000	N/A	N/A	N/A
S	2,500	1,000	1,000	1,000

For participants in all group retirement plans, and in certain fee-based and wrap programs approved by the Advisor, there is no minimum initial investment and no minimum additional investment for Class A, C and S shares. For Section 529 college savings plans, there is no minimum initial investment and no minimum additional investment for Class S shares and Class R6 shares. The minimum initial investment for Class S shares may be waived for eligible intermediaries that have agreements with DDI to offer Class S shares in their brokerage platforms when such Class S shares are held in omnibus accounts on such brokerage platforms. In certain instances, the minimum initial investment may be waived for Institutional Class shares. For more information regarding available Institutional Class investment minimum waivers, see "Institutional Class Shares - Investment Minimum" in the "Choosing a Share Class" section of the prospectus. There is no minimum additional investment for Institutional Class and Class R6 shares. The minimum additional investment in all other instances is \$50.

TO PLACE ORDERS

Mail All Requests DWS

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Kansas City, MO 64121-9151

DWS **Expedited Mail**

801 Pennsylvania Ave

Suite 219151

Kansas City, MO 64105-1307

Web Site

Telephone (800) 728-3337, M - F 8 a.m. - 7 p.m. ET **Hearing Impaired** For hearing impaired assistance, please

call us using a relay service

The fund is generally open on days when the New York Stock Exchange is open for regular trading. If you invest with the fund directly through the transfer agent, you can open a new fund account (Class S shares only) and make an initial investment on the Internet at dws.com, by using the mobile app or by mail. You can make additional investments or sell shares of the fund on any business day by visiting the fund's Web site, by using the mobile app, by mail, or by telephone; however you may have to elect certain privileges on your initial account application. The ability to open new fund accounts and to transact online or using the mobile app varies depending on share class and account type. If you are working with a financial representative, contact your financial representative for assistance with buying or selling fund shares. A financial representative separately may impose its own policies and procedures for buying and selling fund shares.

Class R6 shares are generally available only to certain qualifying plans and programs, which may have their own policies or instructions for buying and selling fund shares. Institutional Class shares are generally available only to qualified institutions. Class S shares are available through certain intermediary relationships with financial services firms, or can be purchased by establishing an account directly with the fund's transfer agent.

TAX INFORMATION

The fund's distributions are generally taxable to you as ordinary income or capital gains, except when you are tax-exempt or when your investment is in an IRA, 401(k), or other tax-advantaged investment plan. Any withdrawals you make from such tax-advantaged investment plans, however, may be taxable to you.

PAYMENTS TO BROKER-DEALERS AND OTHER FINANCIAL INTERMEDIARIES

If you purchase shares of the fund through a broker-dealer or other financial intermediary (such as a bank), the fund, the Advisor, and/or the Advisor's affiliates may pay the intermediary for the sale of fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the fund over another investment. Ask your salesperson or visit your financial intermediary's Web site for more information.

> DWS GNMA Fund Summary Prospectus February 1, 2025 GNMA-SUM