ANNUAL SHAREHOLDER REPORT

American Funds Insurance Series® – American Funds Mortgage Fund

Class 1A for the year ended December 31, 2025

This annual shareholder report contains important information about American Funds Insurance Series - American Funds Mortgage Fund (the "fund") for the period from January 1, 2025 to December 31, 2025. You can find additional information about the fund at capitalgroup.com/AFIS-literature-1A. You can also request this information by contacting us at (800) 421-4225. **This report describes changes to the fund that occurred during the reporting period.**

What were the fund costs for the last year? (based on a hypothetical $10,000 investment)

Share class	Costs of a $10,000 investment	Costs paid as a percentage of a $10,000 investment
Class 1A	$59	0.57%

Management's discussion of fund performance

The fund's Class 1A shares gained 8.57% for the year ended December 31, 2025. That result compares with a 8.58% gain for the Bloomberg U.S. Mortgage Backed Securities Index. For information on returns for additional periods, including the fund lifetime, please refer to capitalgroup.com/AFIS-returns-1A.

What factors influenced results

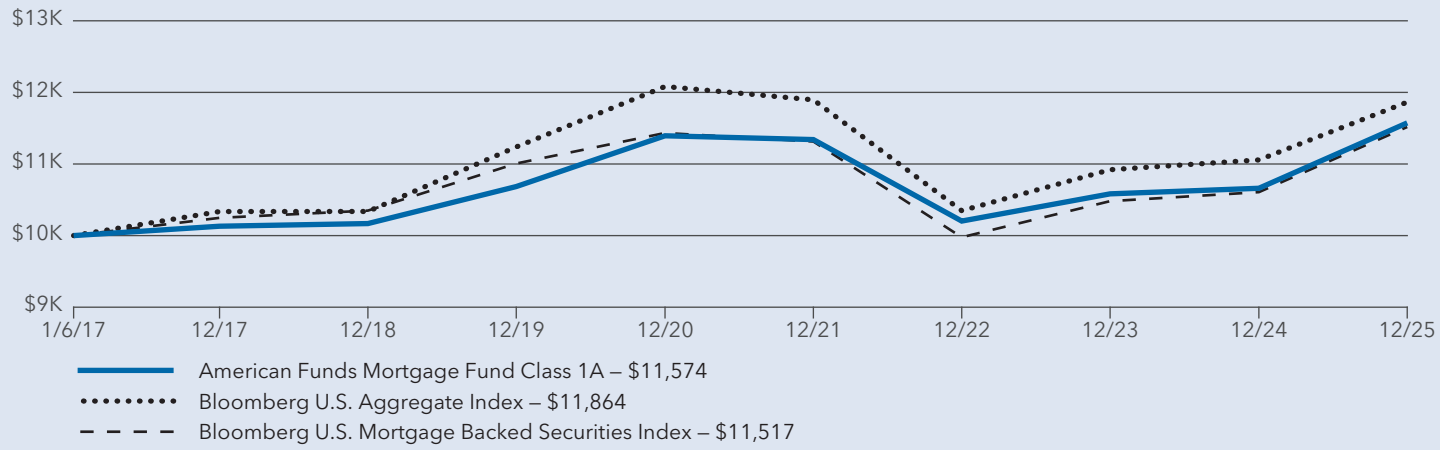
During the fund's fiscal year, the U.S. bond market posted strong returns. Corporate bond yields declined during the period but remained near their highest level in over 15 years. The U.S. Federal Reserve cut its policy rate three times in response to labor market weakness and economic uncertainty, pulling short-term yields lower. Meanwhile, long-term yields remained elevated amid heavy issuance and a steepening yield curve.

The fund's duration positioning was additive to results, relative to the benchmark. Security selection within agency MBS further helped the portfolio's relative returns.

Conversely, curve positioning as well as allocations to Treasuries and securitized credit weighed on results, relative to the benchmark.

How a hypothetical $10,000 investment has grown

Figures assume reinvestment of dividends and capital gains.



Average annual total returns

	1 year	5 years	Since inception[1]
American Funds Mortgage Fund – Class 1A[2]	8.57%	0.31%	1.64%
Bloomberg U.S. Aggregate Index[3]	7.30%	(0.36)%	1.92%
Bloomberg U.S. Mortgage Backed Securities Index[3]	8.58%	0.15%	1.58%

[1] Class 1A shares were first offered on January 6, 2017.

[2] Investment results assume all distributions are reinvested and reflect applicable fees and expenses. When applicable, results reflect fee waivers and/or expense reimbursements, without which they would have been lower.

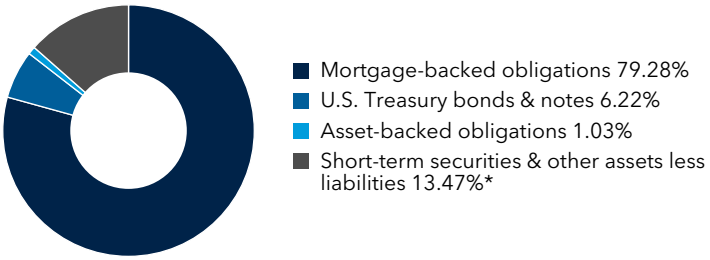
[3] Results assume all distributions are reinvested. Any market index shown is unmanaged, and therefore, has no expenses. Investors cannot invest directly in an index. Source(s): Bloomberg Index Services Ltd.

The fund's past performance is not a predictor of its future performance. The line chart and table do not reflect the deduction of taxes that a shareholder would pay on fund distributions or redemption of fund shares.

Key fund statistics

Fund net assets (in thousands)	$125,567
Total number of portfolio holdings	495
Total advisory fees paid (in thousands)	$262
Portfolio turnover rate including mortgage dollar roll transactions	421%
Portfolio turnover rate excluding mortgage dollar roll transactions	65%

Portfolio holdings by asset type (percent of net assets)



*Includes derivatives.

Material fund changes

This is a summary of certain changes to the fund since January 1, 2025. For more complete information, you may review the fund's next prospectus, which we expect to be available by March 1, 2026 at capitalgroup.com/AFIS-literature-1A or upon request at (800) 421-4225.

During the reporting period, the fund enhanced its disclosure regarding its use of future delivery contracts. When the fund purchases certain types of future delivery contracts, these investments can increase the fund's market exposure because the value of securities the fund contracts to purchase is reflected each day in determining the fund's net asset value and the fund is not required to pay for or obtain, respectively, the securities until settlement date. This could result in the fund being subject to leverage risk, as the value of the fund's investments may exceed its net assets.

Changes in and disagreements with accountants

On December 10, 2025, PricewaterhouseCoopers LLP ("PwC") was dismissed and Deloitte & Touche LLP was appointed as the fund's independent registered public accounting firm for the fiscal year ending December 31, 2026 audit. The change in the fund's independent registered public accounting firm was approved by the fund's board of trustees, including a majority of the independent trustees, upon recommendation of the audit committee, as part of a broader effort to update board oversight and fund operations. At no point during the fund's fiscal years ended December 31, 2024 and December 31, 2025 and the subsequent interim period through February 13, 2026, were there any disagreements between management and PwC on any matter of accounting principles or practices, financial statement disclosure or auditing scope or procedure.

Availability of additional information

Additional information about the fund, including its prospectus, financial information, holdings, and proxy voting information is available at **capitalgroup.com/AFIS-literature-1A**.

Important information

To reduce fund expenses, only one copy of most shareholder documents will be mailed to shareholders with multiple accounts at the same address (householding). If you would prefer that your documents not be householded, please contact Capital Group at (800) 421-4225, or contact your financial intermediary. Your instructions will typically be effective within 30 days of receipt by Capital Group or your financial intermediary.

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