

American Funds Insurance Series® – American Funds Mortgage Fund

Class 2 for the year ended December 31, 2024

This annual shareholder report contains important information about American Funds Insurance Series - American Funds Mortgage Fund (the "fund") for the period from January 1, 2024 to December 31, 2024. You can find additional information about the fund at capitalgroup.com/AFIS-literature-2. You can also request this information by contacting us at (800) 421-4225.

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 2	\$56	0.56%

Management's discussion of fund performance

The fund's Class 2 shares gained 0.68% for the year ended December 31, 2024. That result compares with a 1.20% 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-2.

What factors influenced results

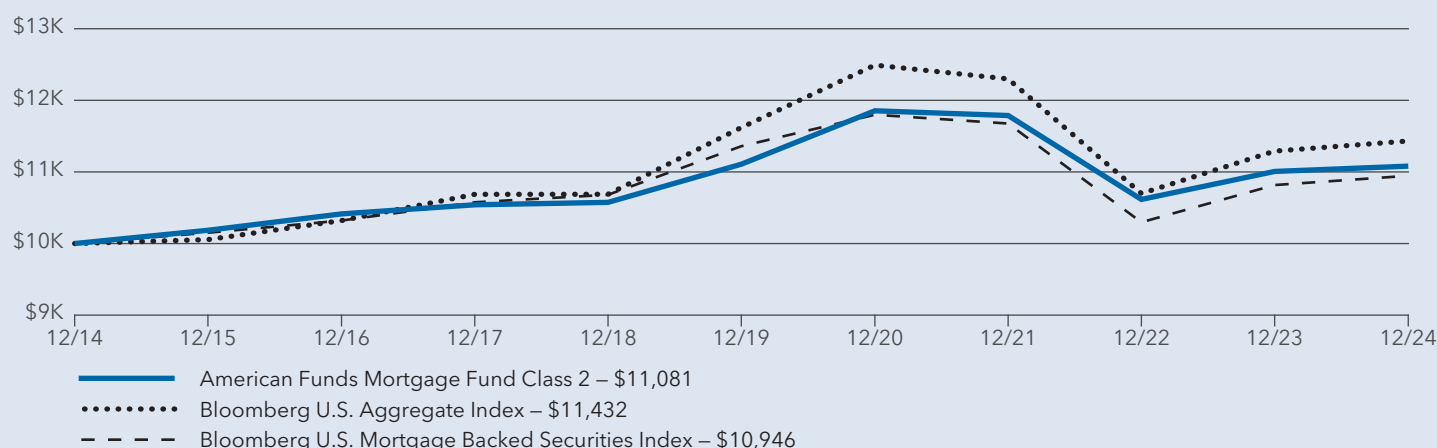
During the fund's fiscal year, the U.S. Federal Reserve (Fed) lowered its policy rate three times. Following its first rate cut in September 2024, the Fed made additional rate reductions in November and December. While ultra-short bond yields have fallen significantly since the Fed's initial cut, longer term yields have increased. The upward trend in long-term yields reflected the bond market's expectations for resilient U.S. economic growth.

Security selection contributed positively to relative returns. Security selection within agency mortgage-backed securities (MBS) contributed positively to excess returns due to the fund's emphasis on higher coupon mortgages. Against a backdrop of rising interest rates and elevated interest rate volatility, lower coupon mortgages lagged their higher coupon counterparts of similar duration.

The fund was positioned to benefit from a steepening of the Treasury yield curve, with underweight to longer maturities and overweight to shorter maturities. While the curve steepened over the period, this impact was offset by a drag in income potential associated with a steepening bias (when the curve was inverted).

How a hypothetical \$10,000 investment has grown

Figures assume reinvestment of dividends and capital gains.



Average annual total returns

	1 year	5 years	10 years
American Funds Mortgage Fund – Class 2*	0.68%	(0.05)%	1.03%
Bloomberg U.S. Aggregate Index†	1.25%	(0.33)%	1.35%
Bloomberg U.S. Mortgage Backed Securities Index†	1.20%	(0.74)%	0.91%

Effective July 24, 2024, the fund's primary benchmark changed from the Bloomberg U.S. Mortgage Backed Securities Index (the "Previous Primary Benchmark") to the Bloomberg U.S. Aggregate Index, a broad-based index that represents the overall applicable securities market, as required by the SEC. The Previous Primary Benchmark provides a means to compare the fund's results to a benchmark that the investment adviser believes is more representative of the fund's investment universe. There is no change in the fund's investment strategies as a result of the benchmark change.

* 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.

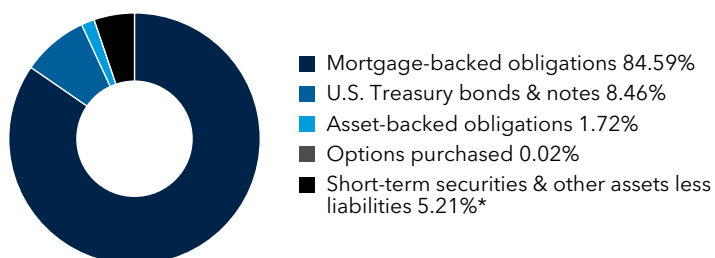
† Results assume all distributions are reinvested. Any market index shown is unmanaged, and therefore, has no expenses. Investors cannot invest directly in an index. Source(s): Bloomberg Index Services Ltd.

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)	\$110,831
Total number of portfolio holdings	440
Total advisory fees paid (in thousands)	\$246
Portfolio turnover rate including mortgage dollar roll transactions	644%
Portfolio turnover rate excluding mortgage dollar roll transactions	52%

Portfolio holdings by asset type (percent of net assets)



*Includes derivatives.

Availability of additional information



Scan the QR code to view additional information about the fund, including its prospectus, financial information, holdings and information on proxy voting. Or refer to the web address included at the beginning of this report.

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 househanded, 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.