UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K/A

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): November 14, 2024

MATHENE

ATHENE HOLDING LTD.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of

incorporation or organization)

001-37963 (Commission file number) **98-0630022** (I.R.S. Employer Identification Number)

7700 Mills Civic Pkwy West Des Moines, Iowa 50266 1 (515) 342-4678

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbols	Name of each exchange on which registered
Depositary Shares, each representing a 1/1,000 th interest in a 6.35% Fixed-to-Floating Rate Perpetual Non-Cumulative Preferred Stock, Series A	ATHPrA	New York Stock Exchange
Depositary Shares, each representing a 1/1,000 th interest in a 5.625% Fixed Rate Perpetual Non-Cumulative Preferred Stock, Series B	ATHPrB	New York Stock Exchange
Depositary Shares, each representing a 1/1,000 th interest in a 6.375% Fixed-Rate Reset Perpetual Non-Cumulative Preferred Stock, Series C	ATHPrC	New York Stock Exchange
Depositary Shares, each representing a 1/1,000 th interest in a 4.875% Fixed-Rate Perpetual Non-Cumulative Preferred Stock, Series D	ATHPrD	New York Stock Exchange
Depositary Shares, each representing a 1/1,000 th interest in a 7.75% Fixed-Rate Reset Perpetual Non-Cumulative Preferred Stock, Series E	ATHPrE	New York Stock Exchange
7.250% Fixed-Rate Reset Junior Subordinated Debentures due 2064	ATHS	New York Stock Exchange

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company □

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

EXPLANATORY NOTE

This Form 8-K/A amends and restates the Form 8-K filed by Athene Holding Ltd. on November 14, 2024. The sole purpose of this Form 8-K/A is to provide clarification to the footnote on page number 25 of the presentation furnished as an exhibit in the prior filing. No other modifications have been made to the original filing.

Item 7.01 Regulation FD Disclosure.

In connection with the previously announced fixed income investor call hosted by Athene Holding Ltd. (the "Company") taking place today, November 14, 2024, at 10:00 a.m. ET, the Company has made available to investors a presentation on its website titled "Athene Fixed Income Investor Presentation November 2024." The presentation is furnished as Exhibit 99.1 to this current report on Form 8-K and is incorporated herein by reference.

The foregoing information, including the Exhibit referenced in this Item 7.01, is being furnished pursuant to this Item 7.01 and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference in any filing or other document pursuant to the Securities Act of 1933, as amended, or the Exchange Act, regardless of any general incorporation language in such filing or document, except as shall be expressly set forth by specific reference in such a filing or document.

Item 9.01 Financial Statements and Exhibits.

(d)	Exhibits
99.1	Athene Fixed Income Investor Presentation, dated November 2024 (furnished and not filed).
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized. ATHENE HOLDING LTD.

Date: November 15, 2024

/s/ Martin P. Klein

Martin P. Klein Executive Vice President and Chief Financial Officer



Athene Fixed Income Investor Presentation

November 2024

Disclaimer

This presentation does not constitute an offer to sell, or the solicitation of an offer to buy, any security of Athene Holding Ltd. ("AHL" and together with its consolidated subsidiaries, "Athene").

This presentation is not intended to constitute a solicitation of any insurance policy or contract or application therefor.

Unless the context requires otherwise, references in this presentation to "AGM" refer to Apollo Global Management, Inc., together with its subsidiaries, references in this presentation to "AGM HoldCo" refer to Apollo Global Management, Inc., and references in this presentation to "AAM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AGM HoldCo" refer to Apollo Global Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AAM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AGM HoldCo" refer to Apollo Global Management, Inc., and references in this presentation to "AGM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AGM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AGM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AGM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and references in this presentation to "AGM" refer to Apollo Asset Management, Inc., a subsidiary of Apollo Global Management, Inc., and the apollo Global Management, Inc.,

This presentation contains, and certain oral statements made by Athene's representatives from time to time may contain, forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements are subject to risks, uncertainties and assumptions that could cause actual results, events and developments to differ materially from those set forth in, or implied by, such statements. These statements are based on the beliefs and assumptions of Athene's management. Generally, forward-looking statements include actions, events, results, strategies and expectations and are other identifiable by use of the words "believes," "expectations, "seeks," "estimates," "expectations, "results, "events and "or "continues" or "animal expressions. Forward-looking statements within this presentation include, but are not limited to, benefits to be derived from Athene's capital allocation decisions; the anticipated performance of Athene's business; general economic conditions; expected future operating results; Athene's liquidity and capital resources; and other non-historical statements. Although Athene's related to Athene's low or be correct. For a discussion of other risks and uncertainties related to Athene's lowing statements, see its annual report on Form 10-K for the year ended December 31, 2023 and quarterly report on Form 10-Q filed for the period ended September 30, 2024, which can be found at the SEC's website at www.sec.gov. All forward-looking statements desired by these cautionary stored have and other can be no assurance that the actual results, events or developments referenced herein will occur or be realized. Athene does not undertake any obligation to update or revise forward-looking statements.

Athene adopted the US GAAP accounting standard related to Targeted Improvements to the Accounting for Long-Duration Contracts (LDTI) as of January 1, 2023, which required Athene to apply the new standard retrospectively back to January 1, 2022, the date of Athene's merger with AGM. Certain 2022 US GAAP financial metrics and disclosures in this presentation have been retrospectively adjusted in accordance with the requirements of the adoption guidance of LDTI. Please refer to the discussion of Non-GAAP Measures and Definitions herein for additional information on items that are excluded from Athene's non-GAAP measure of spread related earnings, which was retrospectively adjusted in accordance with the requirements of the adoption guidance of LDTI.

Information contained herein may include information respecting prior performance of Athene. Information respecting prior performance, while a useful tool, is not necessarily indicative of actual results to be achieved in the future, which is dependent upon many factors, many of which are beyond Athene's control. The information contained herein is not a guarantee of future performance by Athene, and actual outcomes and results may differ materially from any historic, pro forma or projected financial results indicated herein. Certain of the financial information contained herein is unaudited or based on the application of non-GAAP financial measures. These non-GAAP financial measures should be considered in addition to and not as a substitute for, or superior to, financial measures presented in accordance with GAAP. Furthermore, certain financial information is based on estimates of management. These estimates, which are based on the reasonable expectations of management, are subject to change and there can be no assurance that they will prove to be correct. The information contained herein they are prevented in the reasonable expectations of management, are subject to change and there can be no assurance that they will prove to be correct. The information contained herein does not purport to be all-inclusive or contain all information that an evaluator may require in order to properly evaluate the business, prospects or value of Athene. Athene does not have any obligation to update this presentation may the information may change at any time without notice.

Models that may be contained herein (the "Models") are being provided for illustrative and discussion purposes only and are not intended to forecast or predict future events. Information provided in the Models may not reflect the most current data and is subject to change and may be subject to change. The Models are based on estimates and assumptions that are also subject to change and may be subject to significant business, economic and competitive uncertainties, including numerous uncontrollable market and event driven situations. There is no guarantee that the information presented in the Models is accurate. Actual results may differ materially from those reflected and contemplated in such hypothetical, forward-looking information. Undue reliance should not be placed on such information and investors should not use the Models to make investment decisions. Athene has no duty to update the Models in the future.

Certain of the information used in preparing this presentation was obtained from third parties or public sources. No representation or warranty, express or implied, is made or given by or on behalf of Athene or any other person as to the accuracy, completeness or fairness of such information, and no responsibility or liability is accepted for any such information. The contents of any website referenced in this presentation are not incorporated by reference and only speak as of the date listed thereon.

This document is not intended to be, nor should it be construed or used as, financial, legal, tax, insurance or investment advice. There can be no assurance that Athene will achieve its objectives. Past performance is not indicative of future success.

All information is as of the dates indicated herein.

2024 Operating Performance Continues to be Strong Record YTD gross organic inflows, and continued momentum \$57B with financial institutions (76% of YTD retail sales) Gross Organic Inflows YTD \$2.4B **Robust Spread Related Earnings YTD** Strong new business profitability \$29B \$2B Robust capitalization in excess of 'AA' rating levels 4bps **Operating expense** improvement Improvement vs. 2023³ ss regulatory capital as of September 30, 2024. Represents the aggregate capital of Athene's US and Bernuda insurance entities, determined with respect to each insurance entity by applying the statutory accounting principles applicable to each such entity. Adjustments are made to g other things, assets and expenses at the holding company level. Includes capital from the noncontrolling interests in ACRA. 2. Excess capital as of September 30, 2024. Computed as capital in excess of the capital required to support our core operating strategies, as determined bas network modeling and analysis of economic risk, as well as inputs from taing agency capital models and consideration of both National Association of Insurance Commissioners (NAIC) risk-based capital (RBC) and Bernuda capital requirements. 3. Calculated as 30;24 other operating to by less 40;25 other operating expenses bys, net of the noncontrolling interests in ACRA. 3 ATHENE



Special Topic: Growth Across Different Market Environments

We Actively Manage the Business through Different Interest Rate and Credit Environments

1

Diversified Funding Model Allows Us to Pivot Across Our Growth Channels to Source the Most Attractive Liabilities in Different Market Environments

2

Opportunistically Reallocate 'Back Book' of Existing Assets to Capture Safe Yield During Market Dislocation

3

Actively Manage Floating Rate Exposure Across Different Interest Rate Environments

ATHENE

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Different Liabilities Are More Attractive in Different Yield Curve Environments

- When rates are low and expected to rise, it is more attractive to lock in longer-dated liabilities like PGA that don't fluctuate with rates
- When rates are higher and expected to decline, it is more attractive to issue shorter-dated liabilities like MYGA



Our Mix of New Business Origination Can Flex Depending on the Shape and Level of the Yield Curve



Managing Floating Rate Position Through Changing Rate Environments





Third Quarter Update

Key Highlights Reflect Relative Strength of Franchise

1 ATHENE IS THE MARKET LEADER IN RETIREMENT SERVICES Attractive savings products provide guaranteed income to a growing and increasingly underprepared retirement population
2 SCALABLE PLATFORM WITH DIVERSIFIED ORGANIC GROWTH CAPABILITIES Demonstrated ability to source stable, low-cost, long-dated funding across multiple organic business channels
3 DISCIPLINED OPERATORS WITH A PRINCIPAL MINDSET Athene prioritizes strong return generation through periods of accelerated and measured growth
4 ATHENE HAS BUILT A FORTRESS BALANCE SHEET DESIGNED TO DELIVER EFFICIENT GROWTH Highly rated and conservatively managed with robust excess capital and liquidity; strategic sidecars provide on-demand equity capital
5 INVESTMENT PORTFOLIO IS HIGH-QUALITY AND GENERATES SAFE YIELD Consistent net spread generation supported by Apollo's proprietary investment grade origination; minimal credit losses

Athene has a Distinct Credit Profile Within Apollo



Athene is a Leading Retirement Services Business...



...Serving a Booming Retirement Population



Athene Has Diligently Built Diversified Organic Growth Capabilities



Retail Distribution Capabilities are Expanding

Highlights

- 3Q'24 LTM Retail Inflows by Distribution Channel
- Continuing to add and deepen relationships with financial institutions, which comprise 76% of Retail inflows over the last twelve months
- Writing more business through banks and broker-dealers elevates Athene's platform, creates more scale potential and diversifies underlying sources of new business origination
- Launched distribution of Fixed Annuities, Fixed Indexed Annuities (FIA) and Registered Index-Linked Annuities (RILA) at Bank of America Merrill Lynch in October
- Deepening existing relationships by adding FIA and RILA products to the shelves at larger financial institutions
- FIA product sold via the IMO channel generally has longer duration and higher surrender charges
 - This channel accounted for 52% of total FIA sales YTD

Note: Distribution partners as of September 30, 2024



Athene Has Built a Fortress Balance Sheet...



Note: Athene metrics are net of the noncontrolling interests in ACRA, as of September 30, 2024, unless otherwise noted. 1. Relates to Athene's primary insurance subsidiaries; represents ratings from AM Best "A+", Fich "A+", SkP "A+" and Moody's "A1". 2. Represents the aggregate capital of Athene's US and Bernuda insurance entities, determined with respect to each insurance entity by applying the statutory accounting principles applicable to each such entity. Adjustments are made to, among other things, assets and expenses at the holding company level. Includes capital from the noncontrolling interests in ACRA. 3. Computed as capital enquired to support our core operating strategies, as determined based upon internal modeling and nansysis of economic risk, as well as insufts from than accounting interests are made to, among other things, assets and expenses at the holding company level. Includes capital form the noncontrolling interests in ACRA. 3. Computed as capital enquired to support our core operating strategies, as determined based upon internal modeling and nansysis of economic risk, as well as insufts from than ALC reaction features, \$12 billion ALL credit facility with \$05 billion accordion features, \$12 billion ALL credit facility with \$05 billion accordion features, \$12 billion ALL credit facility with \$05 billion accordion features, \$12 billion ALL credit facility with \$05 billion accordion features, \$12 billion of HLI credits, \$20 billion in excess equity capital, \$20 billion consent and other factors. Sindukes \$20 billion in excess equity capital, \$20 billion accordion features, \$21 billion ALL credits, \$21 billion accordion features, \$22 billion ALL credits, \$21 billion accordian features, \$32 billion accordian fea

... That Outperforms the Competition



Strong Capital and Liquidity Profile



Note: Athene metrics are net of the noncontrolling interests in ACRA, as of September 30, 2024, unless otherwise noted. 1. The consolidated risk-based capital ratio of our non-US reinsurance subsidiaries calculated by aggregating US RBC and Bermuda RBC. 2. The CAL RBC ratio for Athene Annuity & Life Assurance Company, our parent US insurance company, which merged with and into Athene Annuity & Life Company on October 11, 2024. 3. The risk-based capital ratio of our non-US reinsurance subsidiaries calculated by aggregating US RBC and Bermuda RBC. 2. The CAL regression of the provide need Gesptember 30, 2024 and applying NAC risk-based capital ratio of our non-US reinsurance subsidiaries which merged with and a defined in our form 10-0 for the period ended September 30, 2024 and applying NAC risk-based capital factors excluding US subsidiaries which are included within our US RBC Ratio and limiting RBC concentration thanges such tarket using determine target capital, the charges do not exceed 100% of the asset's carrying value. 4. Relates to the \$2.6 billion liquidity facility, with \$0.5 billion accordion feature available to AHL and ALRe and the \$1.2 billion credit facility, with \$0.5 billion accordin feature available to AHL. Availability of according investment grade market value of bublic corporate bonds, \$4.3 billion of US government and agencies, \$1.6 billion of our state and municipal bonds, and \$0.9 billion of agency RMBS; excludes pledged assets, mainly associated with funding agreement liabilities, but includes assets held in reinsurance trusts:

Athene Utilizes Numerous Sources of Capital to Grow



Strategic Sidecar Supports Athene's Growth with On-Demand Equity Capital



Capital Allocation Priorities Support Profitable Growth



Consistent Investment Management Philosophy

Target higher and sustainable riskadjusted returns by capturing origination premia to drive consistent yield outperformance

Focus on downside protection given longdated liability profile and low cost of funding

Dynamic asset allocation to take advantage of market dislocations Differentiation driven by proprietary asset origination and greater asset expertise

30-40 bps

Targeted Asset Yield Outperformance vs the Industry Without Incremental Credit Risk

High Quality Asset Portfolio Generates Safe Yield



Alignment with Apollo Provides Access to Alpha-Generating Assets

Asset Sourcing Highlights

- Apollo's proprietary asset origination capabilities allow Athene to access senior-secured, private investment-grade credit, which provides compelling excess spread
- Athene's average yield on total fixed income purchases was ~65 basis points higher, net of fees, than the average yield of the BBB corporate bond index over the last 12 months
- Athene's asset portfolio generates outperformance relative to corporate credit benchmarks while recording lower impairments than the industry average
- ~\$33B of total 3Q'24 LTM deployment activity was comprised of investment grade credit directly originated by Apollo, at attractive spreads of approximately 230 basis points above comparably rated public corporate benchmarks

Note: Deployment numbers include the noncontrolling interests in ACRA.

ATHENE



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Alternatives Portfolio Repositioning

- Re-positioned and reduced certain retirement services alternative investments by ~\$1B in 3Q'24
- Alternative investment portfolio is now more closely aligned with Apollo Aligned Alternatives ("AAA")



Persistent and Predictable Liability Portfolio Provides Long-Dated Funding

Retirement Savings Products with Structural Features That Increase Funding Stability



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Outflow Activity Remains Highly Predictable

Historical/Projected Annualized Outflow Rates																
	I	2022			2023			2024								
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q3E	Q4E	FY'22	FY'23	FY'24E
Maturity-Driven, Contractual-Based Outflows ¹	3.1%	2.8%	5.9%	3.0%	3.4%	7.6%	6.3%	3.7%	5.1%	8.3%	3.9 %	4.4%	3.8%	3.7%	5.2%	5.6%
Policyholder-Driven Outflows ²	5.9%	5.9%	6.2 %	7.1%	7.6%	7.4%	6.9 %	7.2%	7.0%	6.7%	6.5%	5.9 %	6.0%	6.3%	7.3%	6.2%
Income Oriented Withdrawals (Planned) ³	3.4%	3.0%	3.2%	3.7%	3.5%	3.3%	3.1%	3.4%	3.0%	2.7%	2.6%	2.9%	3.3%	3.3%	3.3%	3.0%
From Policies Out-Of-Surrender-Charge (Planned) ⁴	1.9%	2.3%	2.3%	2.5%	3.0%	2.6%	2.6%	2.6%	2.7%	2.7%	2.4%	2.1%	1.8%	2.3%	2.7%	2.2%
From Policies In-Surrender-Charge (Unplanned) ⁵	0.6%	0.6%	0.7%	0.9%	1.1%	1.5%	1.2%	1.2%	1.3%	1.3%	1.5%	0.9%	0.9%	0.7%	1.3%	1.0%
Core Outflows	9.0%	8.7%	12.1%	10.1%	11.0%	15.0%	13.2%	10. 9 %	12.1%	15.0%	10.4%	10.3%	9.8%	10.0%	12.5%	11.8%
Memo: Total Outflow Rates, Incl. Strategic Reinsurance Transactions (Catalina and Venerable Transactions in 4Q'22 and 3Q'23, respectively)	9.0%	8.7%	12.1%	20.0%	11.0%	15.0%	18.4%	10.9%	12.1%	15.0%	10.4%	10.3%	9.8%	12.6%	13.8%	11.8%

Note: Projections in above table represent a best estimate and actual experience may vary. Outflow rate is calculated as outflows attributable to Athene divided by average net invested assets for the respective period, on an annualized basis. 1. Represents outflows from funding agreements, persion group annuities, and multi-year guarantee fixed annuities, all of which occur based on defined maturities or substantially lapse upon reaching their contractual term. Amounts may vary on a guarantee fixed annuities, all of which occur based on defined maturities or substantially lapse upon reaching their contractual term. Amounts may vary on a guarantee fixed annuities, all of which accur based on defined maturities or ubiotantial annuity withdrawals to meet retirement income needs within contractual annual limits. 4. Represents outflows from policies that no longer have an active surrender charge in force. 5. Represents outflows from policies with an active surrender charge in force.



Athene is Committed to Strong Ratings, with an Upward Trajectory

Moody's	'A1' Outlook Stable	"Strengths also include very good capital levels , modest financial leverage, and strong interest coverage metrics, as well as solid profitability driven by strong asset returns and higher interest margins on spread-based products." MOODY'S, SEPTEMBER 2024
S&P Global	'A+' Outlook Stable	"We view Athene's competitive position as strong, as it has expanded its liability profile and market share over the past few years In the past couple of years, the company has also expanded into flow reinsurance in Japan, and it has recently executed a small block acquisition there. These expansions reflect the strength of Athene's business model and its competitive advantage in its various spread-lending businesses" S&P, JANUARY 2024
Fitch Ratings	'A+' Outlook Stable	"Athene continues to benefit from its leading position in its core markets , including fixed annuities, pension group annuities and institutional spread products. Athene's significant operating scale affords it material competitive advantages against many annuity peers. While the company remains focused on spread-based liabilities, Fitch Ratings views Athene as having favorable diversification relative to more modest annuity peers , and an overall risk appetite consistent with the broader annuity sector." FITCH, SEPTEMBER 2024
CE 1899	'A+' Outlook Stable	"The rating upgrade to A+ reflects a continuing trend of Athene's improving balance sheet strength. A.M Best views Athene's consolidated risk-adjusted capitalization as strongest supported by favorable financial flexibility, including significant excess liquidityAthene's favorable business profile reflects continued enhancements through additional distribution channels in its retail markets." AM BEST, JUNE 2024
Note: Ratings represent financial strength ratings for primary insu purposes and should not be relied on as investment advice.	urance subsidiaries. Financial strength ratings ar	e statements of opinions and not statements of facts or recommendations to purchase, hold or sell securities. They do not address the suitability of securities for investment

Historical Credit Loss Experience Outperforms Industry



Risk Management is Embedded in Everything We Do

Managing Risk Such That Athene Can Grow Profitably Across Market Environments



Athene is Committed to Transparency and Ongoing Disclosure



Non-GAAP Measures & Definitions

Non-GAAP Definition

In addition to our results presented in accordance with accounting principles generally accepted in the United States of America (US GAAP), we present certain financial information that includes non-GAAP measures. Management believes the use of these non-GAAP measures, together with the relevant US GAAP measures, provides information that may enhance an investor's understanding of our results of operations and the underlying profitability drivers of our business. The majority of these non-GAAP measures are intended to remove from the results of operations the impact of market volatility (driver shoure than with respect to alternative investments), which consists of investment gains (losses), net of offsets and non-operating change in insurance liabilities and related derivatives, as well as integration, restructuring, stock compensation and certain other expenses which are not part of our underlying profitability drivers, as such items fluctuate from period to period in a manner inconsistent with these drivers. These measures should be considered supplementary to our results in accordance with US GAAP and should not be viewed as a substitute for the corresponding US GAAP measures.

Spread Related Earnings (SRE)

Spread related earnings is a pre-tax non-GAAP measure used to evaluate our financial performance including the impact of any reinsurance transactions and excluding market volatility and expenses related to integration, restructuring, stock compensation and other expenses. Our spread related earnings equals net income available to AHL common stockholder adjusted to eliminate the impact of the following: (a) investment gains (losses), net of offsets; (b) non-operating expenses; (d) stock compensation expense; and (e) income tax (expense) benefit.

We consider these adjustments to be meaningful adjustments to net income (loss) available to AHL common stockholder. Accordingly, we believe using a measure which excludes the impact of these items is useful in analyzing our business performance and the trends in our results of operations. Together with net income (loss) available to AHL common stockholder, we believe spread related earnings provides a meaningful financial metric that helps investors understand our underlying results and profitability. Spread related earnings should not be used as a substitute for net income (loss) available to AHL common stockholder.

SRE, Excluding Notable Items

Spread related earnings, excluding notable items represents SRE with an adjustment to exclude notable items. Notable items include unusual variability such as actuarial experience, assumption updates and other insurance adjustments. We use this measure to assess the long-term performance of the business against projected earnings, by excluding items that are expected to be infrequent or not indicative of the ongoing operations of the business. We view this non-GAAP measure as an additional measure that provides investors on the historical, period-to-period comparability of our key non-GAAP operating measures.

Cost of Funds

Cost of funds includes liability costs related to cost of crediting on both deferred annuities and institutional products as well as other liability costs, but does not include the proportionate share of the ACRA cost of funds associated with the noncontrolling interests. Cost of crediting on deferred annuities is the interest credited to the policyholders on our fixed strategies as well as the option costs on the indexed annuity strategies. With respect to FIAs, the cost of providing index credits includes the expenses incurred to fund the annual index credits, and where applicable, minimum guaranteed interest credited. Cost of crediting on products is comprised of (1) pension group annuity costs, including interest credited. Cost of readiting on products is comprised of (1) pension group annuity costs, including interest credited. So ther reserve changes, net of premiums received when issued, and (2) funding agreement costs, including the interest payments and other reserve change. Additionally, cost of crediting includes the expensed products, premiums and eretina product stored thered structs. Vest schedules on the vester cost of liabilities on products other than deferred annuities and institutional products. The cost of liabilities on products other than product the greates and other reserve. Rule deferred annuels related to business added through assumed reinsurance transactions and exclude the costs or business related to usiness and cost of funds is computed as the total liability costs divided by the average net invested assets for the relevant period. To enhance the ability to analyze these measures across periods, interim periods are annualized. We believe a measure like cost of funds is useful in analyzing the trends of our core business operations, profitability and pringing discipline. While we believe cost of funds is a meaningful financial metric and enhances our understanding of the underlying profitability drivers of our business.

Other Operating Expenses

Other operating expenses excludes interest expense, policy acquisition expenses, net of deferrals, integration, restructuring and other non-operating expenses, stock compensation and long-term incentive plan expenses and the proportionate share of the ACRA operating expenses associated with the noncontrolling interests. We believe a measure like other operating expenses is useful in analyzing the trends of our core business operations and profitability. While we believe other operating expenses is a meaningful financial metric and enhances our understanding of the underlying profitability drivers of our business, it should not be used as a substitute for policy and other operating expenses presented under US GAAP.

Non-GAAP Measures & Definitions

Adjusted Senior Debt-to-Capital Ratio

Adjusted senior debt-to-capital ratio is a non-GAAP measure used to evaluate our capital structure excluding the impacts of AOCI and the cumulative changes in fair value of funds withheld and modco reinsurance assets as well as mortgage loan assets, net of tax. Adjusted senior debt-to-capital ratio is calculated as senior debt at notional value divided by adjusted capitalization. Adjusted capitalization includes our adjusted AHL common stockholder's equity, preferred stock and the notional value of funds withheld and modco reinsurance assets as well as mortgage loan assets as well as preferred stock. These adjusted AHL common stockholder's equity is calculated as the ending AHL stockholder's equity excluding AOCI, the cumulative changes in fair value of funds withheld and modco reinsurance assets and mortgage loan assets as well as preferred stock. These adjustments fluctuate period to period in a manner inconsistent with our underlying profitability drivers as the majority of such fluctuation is related to the market volatility of the unrealized gains and losses associated with our AFS securities, reinsurance assets and mortgage loans. Except with respect to reinvestment activity relating to acquired blocks of businesses, we typically buy and hold investments to maturity throughout the duration of market fluctuations, therefore, the period-over-period impacts in unrealized gains and losses are not necessarily indicative of current operating fundamentals or future performance. Adjusted senior debt-to-capital ratio should not be used as a substitute for the debt-to-capital ratio. However, we believe the adjustments to stockholders' equity and debt are significant to gaining an understanding of our capitalization, debt utilization and debt capacity.

Net Invested Assets

In managing our business, we analyze net invested assets, which does not correspond to total investments, including investments in related parties, as disclosed in our condensed consolidated financial statements and notes thereto. Net invested assets represent the investments that directly back our net reserve liabilities as well as surplus assets. Net invested assets is used in the computation of net investment arened rate, which allows us to analyze the profitability of our investment portfolio. Net invested assets include (a) total investments on the condensed consolidated balance sheets, with AFS securities, trading securities and mortage loans at cost or amortized cost, excluding derivatives, (b) cash and cash equivalents and restricted cash, (c) investments in related parties, (d) accrued investment income, (e) VIE assets, liabilities and noncontrolling interest adjustments, (f) net investment payables and receivables, (g) policy loans ceded (which offset the direct policy loans in total investments) and (h) an adjustment for the allowance for credit losses. Net invested assets exclude the derivative collateral offsetting the related cash positions. We include the underlying investments supporting our assumed funds withheld and modco agreements and exclude the underlying investments related to ceded reinsurance transactions in our net invested assets calculation in order to match the assets with the income received. We believe the adjustments for reinsurance provide a view of the assets for which we have economic exposure. Net invested assets include our proportionate share of investments, based on our economic ownership, but do not include the proportionate share of investments associated with the noncontrolling interest. Our net invested assets are averaged over the number of quarters in the relevant period to compute our net investments, including related parties, prese

Net Reserve Liabilities

In managing our business, we also analyze net reserve liabilities, which does not correspond to total liabilities as disclosed in our condensed consolidated financial statements and notes thereto. Net reserve liabilities represent our policyholder liability obligations net of reinsurance and are used to analyze the costs of our liabilities. Net reserve liabilities include (a) interest sensitive contract liabilities, (b) future policy benefits, (c) net market risk benefits, (d) long-term repurchase obligations, (e) dividends payable to policyholders and (f) other policy claims and benefits, offset by reinsurance recoverable, excluding policy loans ceded. Net reserve liabilities include (a) interest sensitive contract liability obligations, (e) dividends payable to policyholders and (f) other policy claims and benefits, offset by reinsurance recoverable, excluding policy loans ceded. Net reserve liabilities include the proportionate share of ACRA reserve liabilities associated with the noncontrolling interests. Net reserve liabilities are net of the coded liabilities to third-party reinsurers as the costs of the liabilities and related reinsurance recoverables to continue to be recorded in our consolidated financial statements despite the transfer of economic risk to the counterparty in connection with the reinsurance transactions, US GAAP requires the ceded liabilities assumed through modoc reinsurance agreements in our net reserve liabilities calculation in order to match the liabilities with the expenses incurred. While we believe net reserve liabilities as a substitute for total liabilities with the vome US GAAP.

Sales

Sales statistics do not correspond to revenues under US GAAP but are used as relevant measures to understand our business performance as it relates to inflows generated during a specific period of time. Our sales statistics include inflows for fixed rate annuities and FIAs and align with the LIMRA definition of all money paid into an individual annuity, including money paid into new contracts with initial purchase occurring in the specified period and existing contracts with initial purchase occurring prior to the specified period (excluding internal transfers). We believe sales is a meaningful metric that enhances our understanding of our business performance and is not the same as premiums presented in our condensed consolidated statements of income.

Non-GAAP Measures & Definitions

Assets Under Management

Assets Under Management, or AUM, refers to the assets of the funds, partnerships and accounts to which Apollo provides investment management, advisory, or certain other investment-related services, including, without limitation, capital that such funds, partnerships and accounts have the right to call from investors pursuant to capital commitments. AUM equals the sum of:

- the net asset value, plus used or available leverage and/or capital commitments, or gross assets plus capital commitments, of the credit and certain equity funds, partnerships and accounts for which Apollo provides investment
 management or advisory services, other than certain collateralized doan obligations, collateralized debt obligations, and certain perpetual capital vehicles, which have a fee-generating basis other than the mark-to-market value of
 the underlying assets; for certain perpetual capital vehicles in credit, gross asset value plus available financing capacity;
- 2. the fair value of the investments of equity and certain credit funds, partnerships and accounts Apollo manages or advises, plus the capital that such funds, partnerships and accounts are entitled to call from investors pursuant to capital commitments, plus portfolio level financings;
- 3. the gross asset value associated with the reinsurance investments of the portfolio company assets Apollo manages or advises; and
- 4. the fair value of any other assets that Apollo manages or advises for the funds, partnerships and accounts to which Apollo provides investment management, advisory, or certain other investment-related services, plus unused credit facilities, including capital commitments to such funds, partnerships and accounts for investments that may require pre-qualification or other conditions before investment plus any other capital commitments to such funds, partnerships and accounts for investments that may require pre-qualification or other conditions before investment plus any other capital commitments to such funds, partnerships and accounts available for investment that are not otherwise included in the clauses above.

Apollo's AUM measure includes Assets Under Management for which Apollo charges either nominal or zero fees. Apollo's AUM measure also includes assets for which Apollo does not have investment discretion, including certain assets for which Apollo cans only investment-related service fees, rather than management or advisory fees. Apollo's definition of AUM is not based on any definition of Assets Under Management contained in its governing documents or in any Apollo Fund management agreements. Apollo considers multiple factors for determining what should be included in its definition of AUM. Such factors include but are not limited to (1) Apollo's ability to influence the investment decisions for existing and available assets; (2) Apollo's ability to generate income from the underlying assets in its funds; and (3) the AUM measures that Apollo uses internally or believes are used by other investment managers. Apollo's calculation of AUM may differ from the calculations employed by other investment managers and, as a result, this measure may not be directly comparable to similar measures presented by other investment managers. Apollo's calculation also differs from the manner in which its affiliates registered with the SEC report "Regulatory Assets Under Management" on Form ADV and Form PF in various ways.

Apollo uses AUM, Gross capital deployed and Dry powder as performance measurements of its investment activities, as well as to monitor fund size in relation to professional resource and infrastructure needs.

Non-GAAP Measure Reconciliations

RECONCILIATION OF DEBT-TO-CAPITAL RATIO TO ADJUSTED SENIOR DEBT-TO-CAPITAL RATIO	Decem	ber 31, 2020	Decen	nber 31, 2021	Decembe	er 31, 2022	December 31, 20	23	Septembe	er 30, 2024
fotal debt	\$	1,976	\$	2,964	\$	3,658	\$ 4,2	09	\$	5,725
less: Subordinated debt								-		575
ess: Adjustment to arrive at notional debt		(24)		(36)		258	2	09		150
Notional senior debt	\$	2,000	\$	3,000	\$	3,400	\$ 4,0	00	\$	5,000
Total debt	\$	1,976	\$	2,964	\$	3,658	\$ 4,2	09	\$	5,725
Fotal AHL stockholders' equity		18,657		20,130		7,158	13,8	38		17,445
Total capitalization		20,633		23,094		10,816	18,0	47		23,170
ess: Accumulated other comprehensive income (loss)		3,971		2,430		(7,321)	(5,5	69)		(3,467)
ess: Accumulated change in fair value of reinsurance assets		1,142		585		(3,127)	(1,8	82)		(1,416)
ess: Accumulated change in fair value of mortgage loan assets		1				(2,201)	(2,2	33)		(1,733)
ess: Adjustment to arrive at notional debt		(24)		(36)		258	2	09		150
Total adjusted capitalization	\$	15,544	\$	20,115	\$	23,207	\$ 27,5	22	\$	29,636
Debt-to-capital ratio		9.6 %		12.8 %		33.8 %	23	3.3 %		24.7
Accumulated other comprehensive income (loss)		2.4 %		1.6 %		(10.5)%	(4	1.7)%		(2.9)
Accumulated change in fair value of reinsurance assets		0.7 %		0.4 %		(4.5)%	(1	1.6)%		(1.2)
Accumulated change in fair value of mortgage loan assets		— %		- %		(3.2)%	(1	1.9)%		(1.4)
Adjustment to exclude subordinated debt		— %		— %		— %		-%		(1.9)
Adjustment to arrive at notional debt		0.2 %	05	0.1 %		(0.9)%		0.6)%	2	(0.4)
Adjusted senior debt-to-capital ratio		12.9 %		14.9 %		14.7 %	14	1.5 %		16.9
			NITC.						C	20.0004
RECONCILIATION OF INVESTMENT FUNDS, INCLUDING RELATED PARTIES AND CONSOLIDATED VIES, T nvestment funds, including related parties and consolidated VIEs	O NET ALTERNAT	IVE INVESTME	INTS						Septembe	er 30, 2024 18,846

Investment funds, including related parties and consolidated VIEs	\$ 18,846
Equity securities	5
Certain equity securities included in AFS or trading securities	34
Investment funds within funds withheld at interest	879
Royalties	10
Net assets of the VIE, excluding investment funds	(4,768)
Unrealized (gains) losses	15
ACRA noncontrolling interests	(3,500)
Other assets	(165)
Fotal adjustments to arrive at net alternative investments	(7,490)
Net alternative investments	\$ 11,356

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Non-GAAP Measure Reconciliations

RECONCILIATION OF NET INCOME (LOSS) AVAILABLE TO AHL COMMON			Twelve months	Nine months ended				
STOCKHOLDER TO SPREAD RELATED EARNINGS, EXCLUDING NOTABLE ITEMS	2019	2020	2021	2022	2023	ended September 30, 2024	September 30, 2024	
Net income (loss) available to Athene Holding Ltd. common stockholder	\$ 2,136	\$ 1,44	6 \$ 3,718	\$ (3,051)	\$ 4,484	\$ 5,235	\$ 2,310	
Preferred stock dividends	36	5 9	5 141	141	181	181	136	
Net income (loss) attributable to noncontrolling interests	13	38	0 (59) (2,106)	1,087	2,112	1,379	
Net income (loss)	2,185	5 1,92	1 3,800	(5,016)	5,752	7,528	3,825	
Income tax expense (benefit)	117	28	5 386	(646)	(1,161)	(960)	659	
Income (loss) before income taxes	2,302	2,20	6 4,186	(5,662)	4,591	6,568	4,484	
Investment gains (losses), net of offsets	994	1 73	3 1,024	(7,434)	170	1,481	482	
Non-operating change in insurance liabilities and related derivatives, net of offsets1	(65	5) (23	5) 692	1,433	182	(55)	363	
Integration, restructuring and other non-operating expenses	(70)) (1	0) (124) (133)	(130)	(297)	(265)	
Stock compensation expense	(27	") (2	5) (38) (56)	(88)	(82)	(36)	
Preferred stock dividends	36	5 9	5 141	141	181	181	136	
Noncontrolling interests - pre-tax income (loss) and VIE adjustments	13	3 39	3 (18) (2,079)	1,169	2,208	1,421	
Less: Total adjustments to income (loss) before income taxes	881	95	1 1,677	(8,128)	1,484	3,436	2,101	
Spread related earnings	1,421	1,25	5 2,509	2,466	3,107	3,132	2,383	
Notable items	1	5 (4	0) (52) 3	(115)	(25)	(25)	
Spread related earnings, excluding notable items	\$ 1,420	\$ 1,21	5 \$ 2,457	\$ 2,469	\$ 2,992	\$ 3,107	\$ 2,358	

RECONCILIATION OF BENEFITS AND EXPENSES TO COST OF FUNDS	Three m	onths ended S	eptember 30, 2024
JS GAAP benefits and expenses	\$	4,847	8.15
Premiums	-	(389)	(0.65)*
Product charges		(267)	(0.45)
Other revenues		(4)	(0.01)
FIA option costs		410	0.69
Reinsurance impacts		(47)	(0.08)
Non-operating change in insurance liabilities and embedded derivatives		(1,252)	(2.11)
Policy and other operating expenses, excluding policy acquisition expenses		(573)	(0.96)
Forward points adjustment on FX derivative hedges		77	0.13
AmerUs Closed Block fair value liability		(55)	(0.09)
ACRA noncontrolling interests		(833)	(1.40)
Other		69	0.12
Total adjustments to arrive at cost of funds		(2,864)	(4.81)
Total cost of funds	\$	1,983	3.34
Average net invested assets	1	1	\$ 237,810
Prior to the adoption of LDTI, effective January 1, 2023, with a retrospective application back to January 1, 2022, offsets related to deferred acquisition costs, deferred sales inducements, value of business acquired and rider reserves			

Non-GAAP Measure Reconciliations

RECONCILIATION OF TOTAL INVESTMENTS, INCLUDING RELATED PARTIES, TO NET INVESTED ASSETS	September 30, 2024
Total investments, including related parties	\$ 286,102
Derivative assets	(7,529
Cash and cash equivalents (including restricted cash)	14,551
Accrued investment income	2,695
Net receivable (payable) for collateral on derivatives	(4,194
Reinsurance impacts	(4,284
VIE assets, liabilities and noncontrolling interests	15,697
Unrealized (gains) losses	11,674
Ceded policy loans	(167
Net investment receivables (payables)	(291
Allowance for credit losses	689
Other investments	(11)
otal adjustments to arrive at gross invested assets	28,830
iross invested assets	314,932
ACRA noncontrolling interests	(72,269
let invested assets	\$ 242,663

RECONCILIATION OF TOTAL LIABILITIES TO NET RESERVE LIABILITIES	September 30, 2024
Total liabilities	\$ 327,855
Debt	(5,725)
Derivative liabilities	(2,758)
Payables for collateral on derivatives and short-term securities to repurchase	(5,286)
Other liabilities	(7,058)
Liabilities of consolidated VIEs	(1,363)
Reinsurance impacts	(11,196)
Policy loans ceded	(167)
Market risk benefit asset	(311)
ACRA noncontrolling interests	(68,092)
Total adjustments to arrive at net reserve liabilities	(101,956)
Net reserve liabilities	\$ 225,899

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