



ESSENT GROUP LTD.

INVESTOR PRESENTATION 4Q23

NYSE: ESNT

February 9, 2024

Disclaimer

This presentation may include “forward-looking statements” which are subject to known and unknown risks and uncertainties, many of which may be beyond our control. Forward-looking statements generally can be identified by the use of forward-looking terminology such as “may,” “will,” “should,” “expect,” “plan,” “anticipate,” “believe,” “estimate,” “predict,” or “potential” or the negative thereof or variations thereon or similar terminology. Actual events, results and outcomes may differ materially from our expectations due to a variety of known and unknown risks, uncertainties and other factors. Although it is not possible to identify all of these risks and factors, they include, among others, the following: changes in or to Fannie Mae and Freddie Mac (the “GSEs”), whether through Federal legislation, restructurings or a shift in business practices; failure to continue to meet the mortgage insurer eligibility requirements of the GSEs; competition for customers; lenders or investors seeking alternatives to private mortgage insurance; deteriorating economic conditions (including inflation, rising interest rates and other adverse economic trends); the impact of COVID-19 and related economic conditions; an increase in the number of loans insured through Federal government mortgage insurance programs, including those offered by the Federal Housing Administration; decline in new insurance written and franchise value due to loss of a significant customer; decline in the volume of low down payment mortgage originations; the definition of “Qualified Mortgage” reducing the size of the mortgage origination market or creating incentives to use government mortgage insurance programs; the definition of “Qualified Residential Mortgage” reducing the number of low down payment loans or lenders and investors seeking alternatives to private mortgage insurance; the implementation of the Basel III Capital Accord discouraging the use of private mortgage insurance; a decrease in the length of time that insurance policies are in force; uncertainty of loss reserve estimates; our non-U.S. operations becoming subject to U.S. Federal income taxation; becoming considered a passive foreign investment company for U.S. Federal income tax purposes; and other risks and factors described in Part I, Item 1A “Risk Factors” of our Annual Report on Form 10-K for the year ended December 31, 2022 filed with the Securities and Exchange Commission on February 17, 2023, as subsequently updated through other reports we file with the Securities and Exchange Commission. Any forward-looking information presented herein is made only as of the date of this presentation, and we do not undertake any obligation to update or revise any forward-looking information to reflect changes in assumptions, the occurrence of unanticipated events, or otherwise.

Essent Is A Leading Mortgage Insurer

Company Overview

- Essent Group Ltd. is a Bermuda-based holding company that went public in 2013, and is traded on the New York Stock Exchange (NYSE: ESNT).
- Two primary operating companies: Essent Guaranty, Inc. (Radnor, PA) and Essent Reinsurance Ltd. (Hamilton, Bermuda).
- Serves the U.S. housing finance industry by offering private mortgage insurance, reinsurance, risk management products and title insurance and settlement services to support home ownership.
- Transformed primary MI business model from “Buy and Hold” to “Buy, Manage & Distribute” through use of programmatic reinsurance.
- Developed proprietary scoring engine EssentEDGE®, a cloud-based AI platform that we leverage in MI risk management and pricing.
- Essent Guaranty, Inc. is rated A3 by Moody’s, A (Excellent) by A.M. Best, and A- by S&P.

Recent Developments

- In December, we closed our fifth XOL transaction, transferring \$37M of limit on our 2023 NIW to a panel of reinsurers, effective January 1, 2024.
- On January 8, 2024, S&P raised its long-term financial strength and issuer credit ratings on Essent Guaranty, Inc. and Essent Reinsurance Ltd. to ‘A-’ from ‘BBB+’, with a stable outlook.

¹ The combined risk-to-capital ratio equals the net risk in force of Essent Guaranty, Inc. and Essent Guaranty of PA, Inc. divided by the combined statutory capital of these U.S. insurance companies.

3Q23

4Q23

Consolidated Financial Results

Net Income (\$M)	\$178.0	\$175.4
Combined Ratio	31.7%	34.9%
Annualized ROE	14.9%	14.2%
Shareholders’ Equity (\$B)	\$4.8	\$5.1

U.S. Mortgage Insurance Portfolio

IIF (\$B)	\$238.7	\$239.1
NIW (\$B)	\$12.5	\$8.8
Portfolio Default Rate	1.62%	1.80%
PMIERs Sufficiency Ratio	174%	170%
% IIF With Reinsurance Protection	97%	93%
Risk-to-Capital Ratio ⁽¹⁾	10.3:1	10.2:1

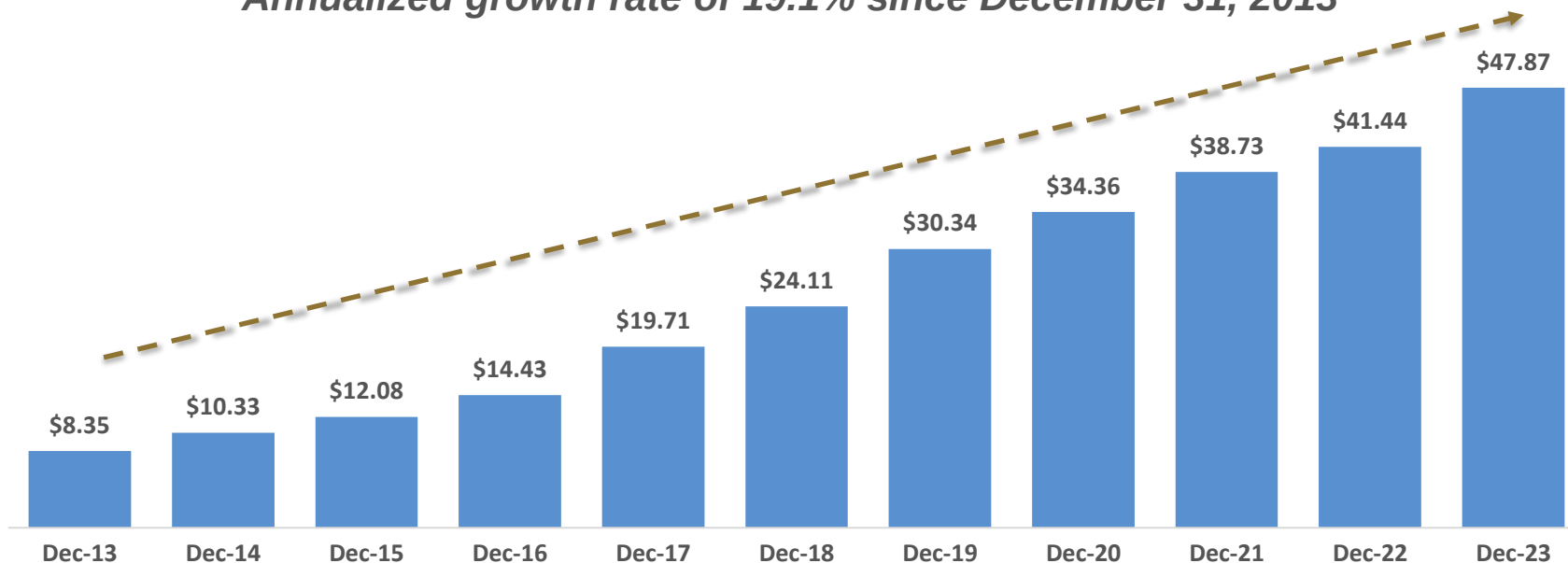
Capital Distribution To Shareholders

- In conjunction with our 4Q23 earnings release, we announced Board approval to increase the quarterly dividend to \$0.28 per common share for 2024.
- In 2023, we repurchased approximately 1.5 million common shares for \$66 million.
- In October 2023, the Board approved a share purchase plan that authorized the Company to repurchase \$250 million of common shares in the open market between 2024 and 2025.

Delivering Shareholder Value

BOOK VALUE PER SHARE GROWTH

Annualized growth rate of 19.1% since December 31, 2013



**Strong Cash Flows
& Earnings**



**Programmatic
Reinsurance
Protection**

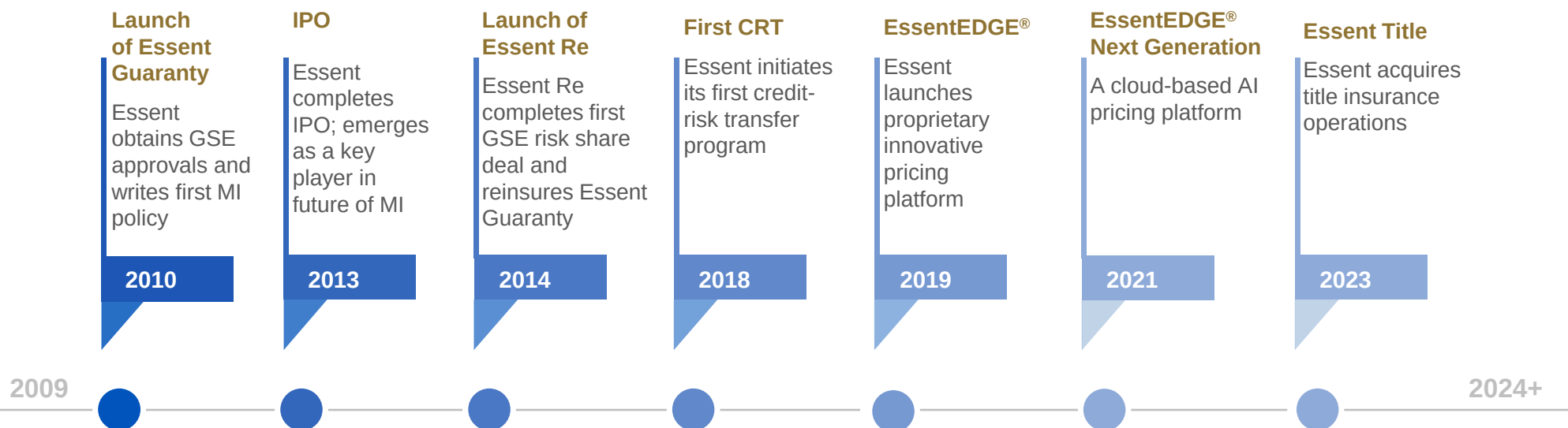


**Steadily Increasing
Dividends**



**Disciplined Capital
Management**

Key Milestones in Essent's Evolution



Essent Advantage



25+ years
Experienced
Management
Team



Strong
Capital
Position



Conservative
Financial
Leverage



Highly
Efficient
Operating
Platform

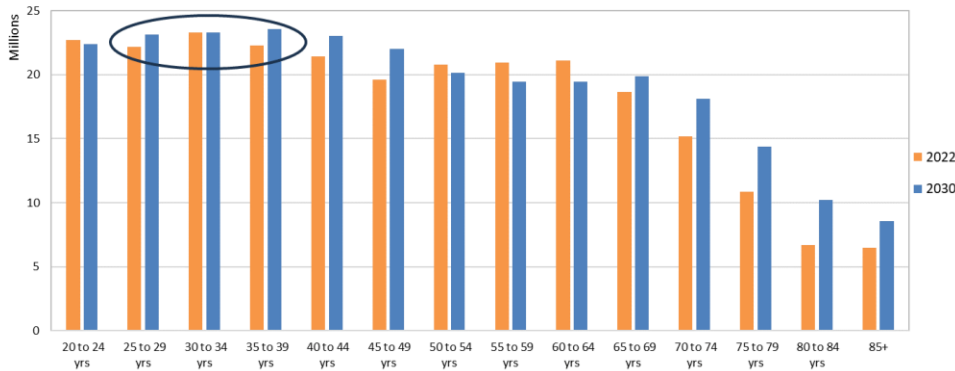


Best in Class
Analytics &
Technologies

Industry Fundamentals

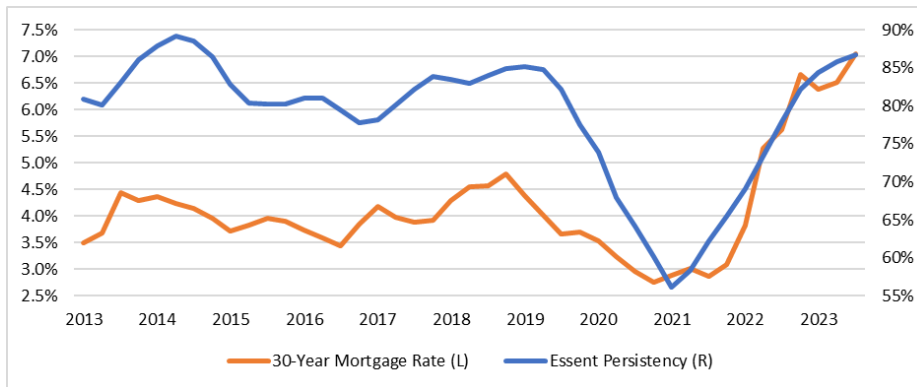
STABLE DEMAND OF FIRST-TIME HOMEBUYER POPULATION

Census Actual and Projected Population by Age Group



Favorable demographic trends should continue to provide fundamental support to housing demand as the projected population of people in the average age range of a first-time homebuyer is forecasted to increase over the next 5+ years.

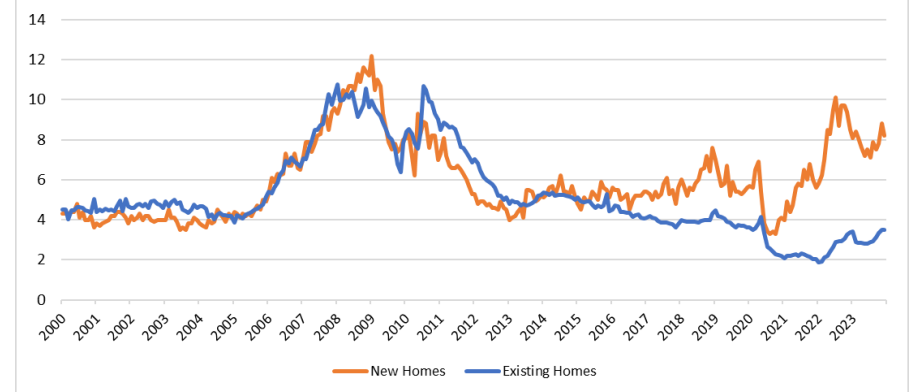
PERSISTENCY vs. 30-YEAR MORTGAGE RATE



Our annual persistency has historically had a positive correlation with the quarterly average rate on a 30-year fixed rate mortgage, with periods of higher mortgage rates translating to higher persistency.

Sources: National Association of Realtors, Federal Reserve Economic Data, Bureau of Labor Statistics, U.S. Census Bureau.

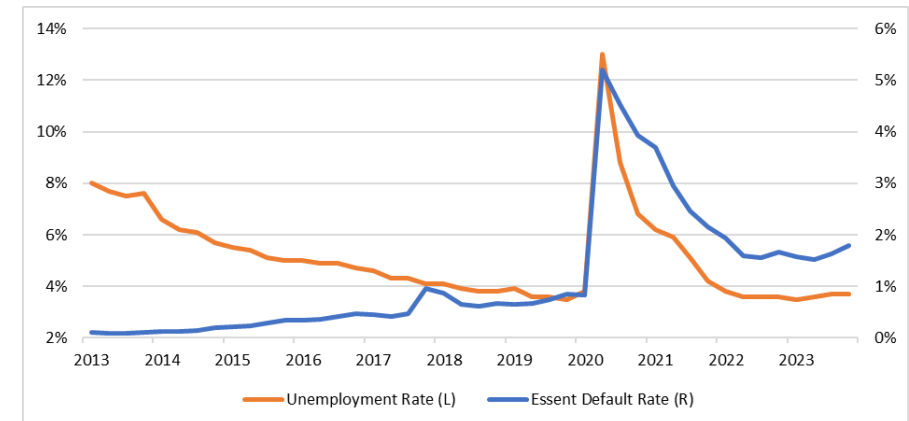
MONTHS' SUPPLY OF HOUSING INVENTORY



Total housing inventory remains low at approximately 3 months, driven by existing home inventory pressures from various macro trends (e.g. reductions in supply from the “lock-in” effect of existing homeowners in low-rate mortgages).

Note: The months' supply is the ratio of houses for sale to houses sold.

UNEMPLOYMENT RATE vs. DEFAULT RATE



The default rate for mortgage insurers tends to have a positive correlation with the U.S. unemployment rate, where periods of higher unemployment have typically been associated with periods of rising default rates on MI books.

Buy, Manage & Distribute Operating Model

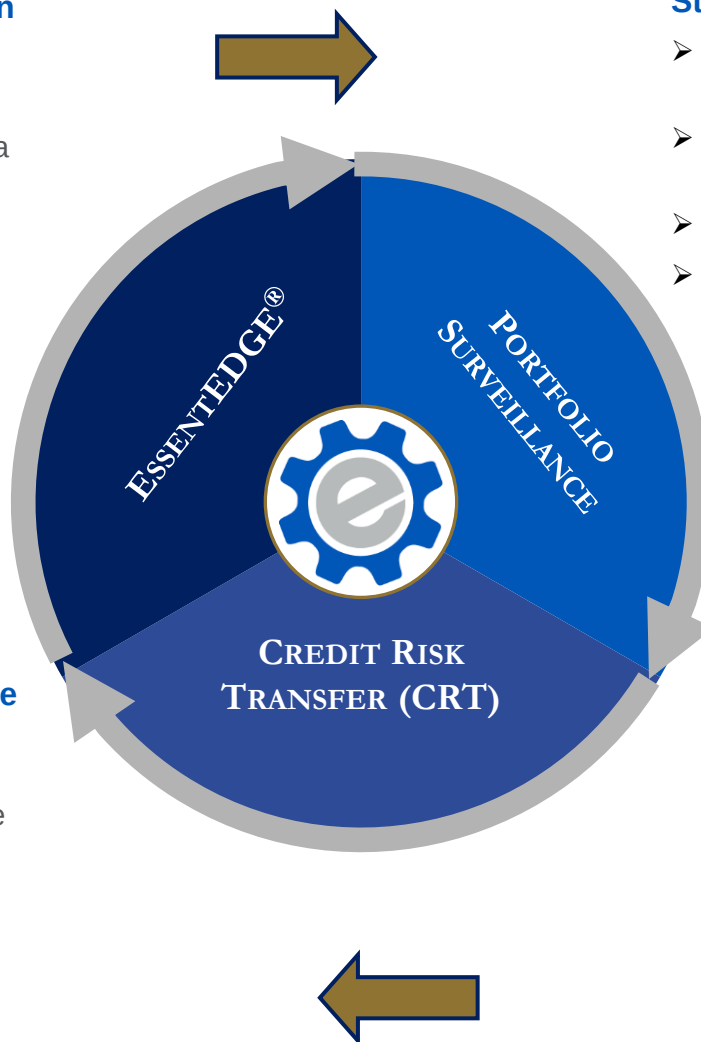
EssentEDGE® Enables Rapid Execution of Targeted Pricing Strategies

- Lender utilization continues to increase
- The latest generation of EssentEDGE® is a **cloud-based AI platform with machine learning techniques** that utilizes 400+ attributes to generate an MI quote in ~3 seconds
- Differentiated pricing strategy to deliver borrowers our best price



Committed To Programmatic Reinsurance

- Buy, Manage & Distribute model mitigates franchise volatility during weak economic cycles, with 93% of IIF subject to reinsurance protection
- As of December 31, 2023, Essent has ceded \$8.1 billion of RIF through three quota share treaties to a panel of highly rated third-party reinsurers
- As of December 31, 2023, Essent has access to \$1.4 billion in ILN/XOL reinsurance coverage



Strong Operating Results

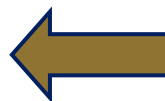
- Last Twelve Months Operating Cash Flow of \$763 million
- Continue to focus on optimizing unit economics
- Credit quality of portfolio remains strong
- Efficient platform enables increased operating leverage and profitability



Fortifying Balance Sheet and Enhancing Financial Flexibility

As of December 31, 2023:

- \$5.1B in GAAP Equity
- Ample liquidity with \$694M net cash and investments available for sale at the holding companies
- An additional \$400M in undrawn capacity with our credit facility
- Debt-to-Capital of 7.7%



Credit Risk Transfer

Since March 2018, Essent has transferred credit risk to:

- Capital market investors via **nine**⁽¹⁾ Radnor Re Insurance-Linked Note (ILN) issuances
- Reinsurers via **four**⁽¹⁾ Excess of Loss (XOL) reinsurance transactions
- Reinsurers via **three** Quota Share (QS) reinsurance programs

As of 12/31/23, **93%** of IIF is subject to reinsurance protection

<u>Capital Markets</u>	<u>Excess of Loss</u>	<u>Quota Share</u>
\$1.2 billion	\$255 million	\$8.1 billion
remaining risk in force in ILNs sold to investors	in risk limit reinsured by highly rated third-party reinsurers	of RIF ceded to a panel of highly rated third-party reinsurers

1) As of 12/31/23, we have 5 active ILN deals and 3 active XOL deals. Please see [here](#) for the Credit Risk Transfer Update presentation for additional detail.

Essent Re

- Essent Reinsurance Ltd. (“Essent Re”) is a Bermuda-based reinsurance company, rated A (Excellent) by A.M. Best and A- by S&P. At December 31, 2023, Essent Re’s GAAP equity was \$1.8 billion.
- Essent Re primarily focuses on three business lines:
 - Affiliate quota share (QS) to reinsure Essent Guaranty and leverage our Bermuda platform
 - GSE risk share to access a larger mortgage credit universe beyond primary MI
 - Agency provides advisory services to reinsurer clients and generates fee income



ESSENT®

ESSENT REINSURANCE LTD.

Affiliate Quota Share

Provide Quota Share reinsurance to Essent Guaranty with Net Risk In Force of \$19.9 billion

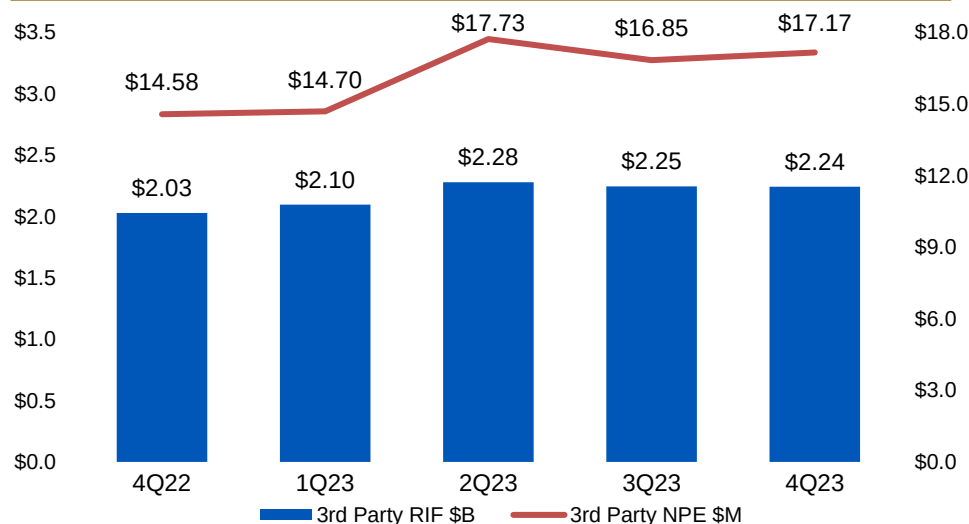
GSE Risk Share

Active participant in GSE risk share business with \$2.2 billion Risk In Force

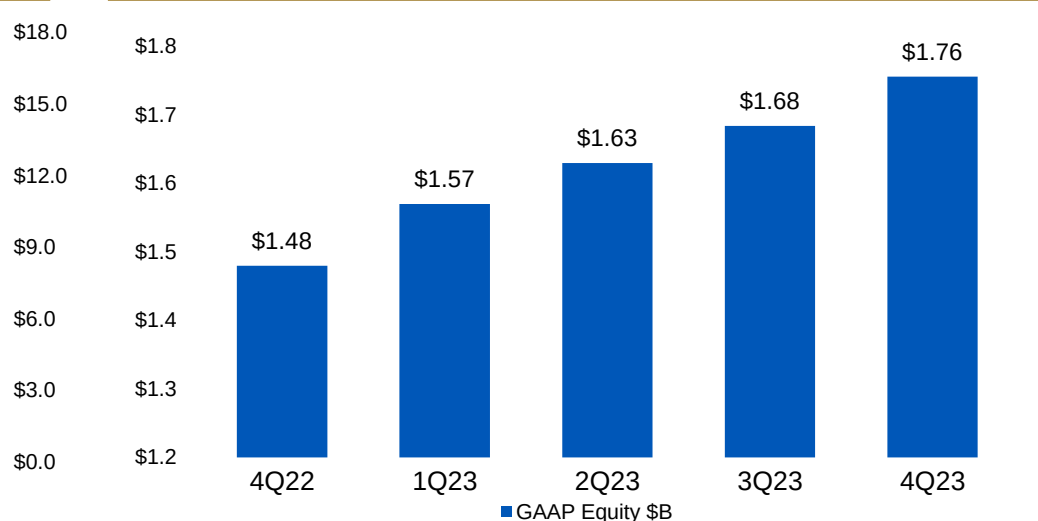
Agency

Offer underwriting, pricing and surveillance services to reinsurers writing mortgage risk

Third Party Premiums Earned & Risk In Force



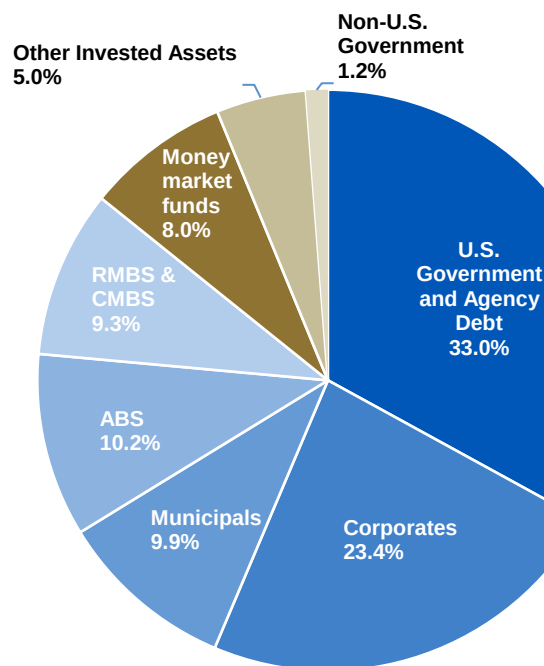
Total Equity \$B



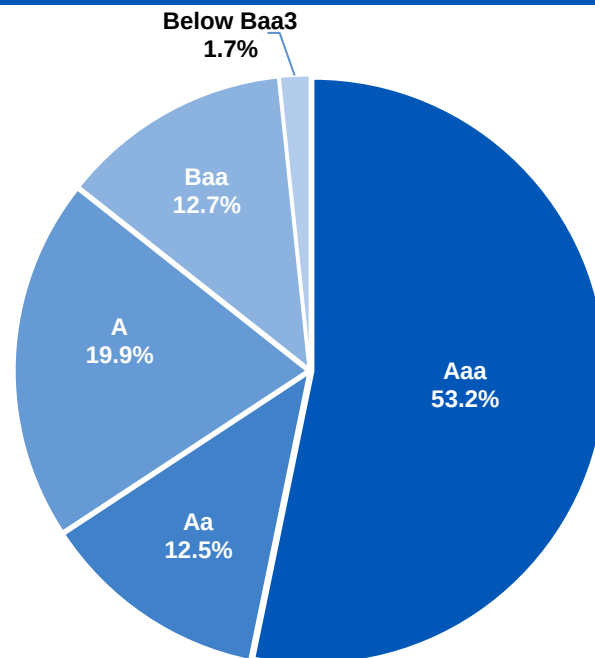
Investment Portfolio

As Of December 31, 2023, Essent Has \$5.5 Billion Of Total Investments

Portfolio by Asset Class



Portfolio by Rating¹



- Investment income yield of 3.6% for 4Q23, up from 3.0% in 4Q22
- New money yield in 4Q23 of ~5%
- Other Invested Assets of \$277M invested across venture funds, PE and structured funds along with direct investments into several companies

- 98% of the portfolio is investment grade
- 66% of the portfolio has a credit rating of Aaa to Aa

1) Based on ratings issued by Moody's, if available. S&P or Fitch rating utilized if Moody's not available. Credit rating is for the investments available for sale portfolio only and excludes money market funds.

Quarterly Financial Highlights

AS OF END OF PERIOD

(\$ in millions, except per share amounts)

	4Q22	1Q23	2Q23	3Q23	4Q23
KEY METRICS					
U.S. Mortgage IIF	\$227,062.1	\$231,537.4	\$235,649.9	\$238,661.6	\$239,078.3
Total Revenue	\$230.0	\$256.2	\$260.1	\$296.1	\$297.3
Net Income	\$147.4	\$170.8	\$172.2	\$178.0	\$175.4
Total Investments	\$4,999.6	\$5,205.3	\$5,288.7	\$5,270.3	\$5,541.0
Loss Reserves	\$216.5	\$216.0	\$216.9	\$241.3	\$260.1
Debt-to-Capital	9%	8%	8%	8%	8%
Shareholders' Equity	\$4,462.3	\$4,648.9	\$4,733.4	\$4,808.0	\$5,102.6
Book Value Per Share	\$41.44	\$43.18	\$44.24	\$44.98	\$47.87
Available / Total HoldCo Liquidity ⁽¹⁾	\$685 / \$1,085	\$723 / \$1,123	\$740 / \$1,140	\$649 / \$1,049	\$694 / \$1,094
PMIERS Excess Available Assets (or "Cushion") ⁽²⁾	\$1,359 / 74%	\$1,309 / 68%	\$1,254 / 63%	\$1,408 / 74%	\$1,394 / 70%

1) HoldCo Liquidity includes net cash and investments available for sale at the holding companies and undrawn capacity with our credit facility.

2) Percentages are calculated as excess divided by Essent Guaranty, Inc.'s Minimum Required Assets based on our interpretation of the PMIERS as of the dates indicated.

Annual Financial Highlights

AS OF END OF PERIOD

(\$ in millions, except per share amounts)

	2019	2020	2021	2022	2023
KEY METRICS					
U.S. Mortgage IIF	\$164,005.9	\$198,882.4	\$207,190.5	\$227,062.1	\$239,078.3
Total Revenue	\$867.6	\$955.2	\$1,028.5	\$1,000.8	\$1,109.8
Net Income	\$555.7	\$413.0	\$681.8	\$831.4	\$696.4
Total Investments	\$3,429.6	\$4,654.3	\$5,133.4	\$4,999.6	\$5,541.0
Loss Reserves	\$69.4	\$374.9	\$407.4	\$216.5	\$260.1
Debt-to-Capital	7%	8%	9%	9%	8%
Shareholders' Equity	\$2,984.8	\$3,862.6	\$4,236.1	\$4,462.3	\$5,102.6
Book Value Per Share	\$30.34	\$34.36	\$38.73	\$41.44	\$47.87
Available / Total HoldCo Liquidity ⁽¹⁾	\$98 / \$373	\$575 / \$875	\$618 / \$1,018	\$685 / \$1,085	\$694 / \$1,094
PMIERS Excess Available Assets (or "Cushion") ⁽²⁾	\$838 / 56%	\$1,185 / 71%	\$1,379 / 77%	\$1,359 / 74%	\$1,394 / 70%

1) HoldCo Liquidity includes net cash and investments available for sale at the holding companies and undrawn capacity with our credit facility.

2) Percentages are calculated as excess divided by Essent Guaranty, Inc.'s Minimum Required Assets based on our interpretation of the PMIERS as of the dates indicated.

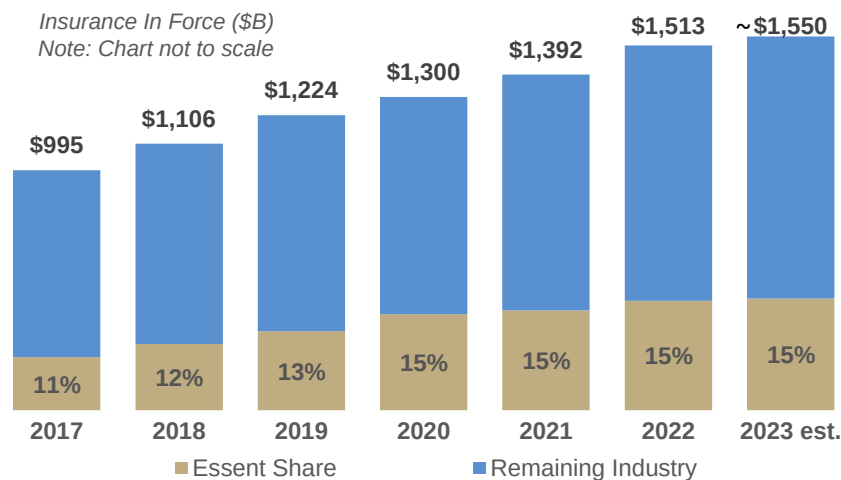
U.S. Mortgage Insurance In Force (IIF) & New Insurance Written (NIW)

IIF BY VINTAGE YEAR (\$B)							
(\$ in billions)	DEC. 31, 2021		DEC. 31, 2022		DEC. 31, 2023		
	IIF	% of Total	IIF	% of Total	IIF	% of Total	WA Coupon
2023	-	-	-	-	\$45.7	19.1%	6.7%
2022	-	-	\$60.6	26.7%	\$56.9	23.8%	5.1%
2021	\$79.8	38.5%	\$71.5	31.5%	\$61.4	25.7%	3.1%
2020	\$76.6	36.9%	\$59.2	26.1%	\$46.5	19.5%	3.2%
2019	\$20.3	9.8%	\$14.7	6.5%	\$12.4	5.2%	4.2%
2018	\$9.5	4.6%	\$6.7	3.0%	\$5.6	2.3%	4.8%
2017	\$8.5	4.1%	\$6.0	2.6%	\$4.8	2.0%	4.3%
2010 – 2016	\$12.5	6.1%	\$8.4	3.6%	\$5.8	2.4%	4.1%
Total	\$207.2	100%	\$227.1	100%	\$239.1	100%	4.4%

TOTAL IIF MARKET SIZE & GROWTH

Insurance In Force (\$B)

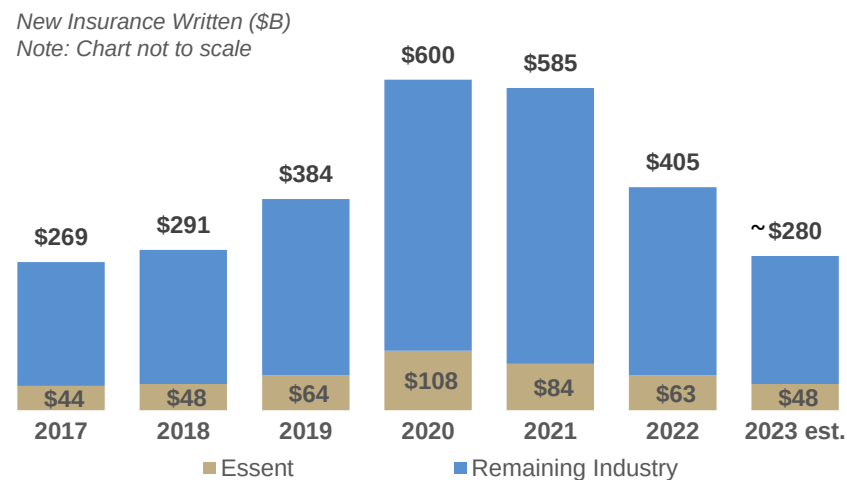
Note: Chart not to scale



TOTAL NIW MARKET SIZE & GROWTH

New Insurance Written (\$B)

Note: Chart not to scale



A High Credit Quality IIF Portfolio

IIF BY FICO SCORE (\$B)						
(\$ in billions)	DEC. 31, 2021		DEC. 31, 2022		DEC. 31, 2023	
	IIF	% of Total	IIF	% of Total	IIF	% of Total
>=760	\$85.5	41.3%	\$93.4	41.1%	\$97.1	40.6%
740-759	\$35.1	17.0%	\$38.8	17.2%	\$41.5	17.4%
720-739	\$31.2	15.0%	\$35.0	15.4%	\$37.4	15.7%
700-719	\$26.1	12.6%	\$29.2	12.8%	\$31.9	13.4%
680-699	\$16.8	8.1%	\$18.9	8.3%	\$19.8	8.3%
<=679	\$12.5	6.0%	\$11.8	5.2%	\$11.4	4.6%
Total	\$207.2	100%	\$227.1	100%	\$239.1	100%

IIF BY LTV (\$B)						
(\$ in billions)	DEC. 31, 2021		DEC. 31, 2022		DEC. 31, 2023	
	IIF	% of Total	IIF	% of Total	IIF	% of Total
85.00% and below	\$27.4	13.2%	\$24.5	10.8%	\$19.9	8.3%
85.01% to 90.00%	\$59.6	28.7%	\$63.4	27.8%	\$63.0	26.3%
90.01% to 95.00%	\$91.3	44.1%	\$107.9	47.6%	\$119.7	50.1%
95.01% and above	\$28.9	14.0%	\$31.3	13.8%	\$36.5	15.3%
Total	\$207.2	100%	\$227.1	100%	\$239.1	100%

In Force Portfolio Premium Yield

U.S. Mortgage Insurance Portfolio <i>(in basis points)</i>	PERIOD ENDING				
	4Q22	1Q23	2Q23	3Q23	4Q23
Base Premium Earned	40 bps	40 bps	40 bps	40 bps	40 bps
Singles Cancellation Premium	0 bps	0 bps	0 bps	0 bps	0 bps
Gross Premium Rate	40 bps	40 bps	40 bps	40 bps	40 bps
Ceded Premium	(6) bps	(6) bps	(7) bps	(5) bps	(5) bps
Net Premium Rate	34 bps	34 bps	33 bps	35 bps	35 bps
Average IIF (\$B)	\$224.8	\$228.9	\$233.5	\$237.3	\$239.0

Cost of Reinsurance Transactions

(\$ in millions)	PERIOD ENDING				
	4Q22	1Q23	2Q23	3Q23	4Q23
U.S. Mortgage Insurance Portfolio					
ILN/XOL Ceded Premium	\$23.85	\$22.28	\$27.71	\$16.59	\$16.56
QSR Ceded Premium	\$10.44	\$11.31	\$11.83	\$13.70	\$14.51
Total Ceded Premium	\$34.29	\$33.59	\$39.54	\$30.29	\$31.07
Increase (Reduction) of Provision for Losses & LAE	(\$1.39)	(\$1.80)	(\$1.68)	(\$2.92)	(\$3.56)
Reduction of Operating Expense ⁽¹⁾	(\$4.85)	(\$5.07)	(\$5.36)	(\$5.63)	(\$5.70)
Total Cost of Reinsurance	\$28.06	\$26.72	\$32.50	\$21.74	\$21.81

1) Ceding Commission

Default Rollforward

U.S. Mortgage Insurance Portfolio <i>(number of loans)</i>	PERIOD ENDING				
	4Q22	1Q23	2Q23	3Q23	4Q23
Beginning Default Inventory	12,435	13,433	12,773	12,480	13,391
Plus: New Defaults ⁽¹⁾	7,505	7,015	6,575	7,953	9,007
Less: Cures	(6,425)	(7,574)	(6,761)	(6,902)	(7,418)
Less: Claims Paid	(73)	(94)	(96)	(129)	(148)
Less: Recessions & Denials, net	(9)	(7)	(11)	(11)	(13)
Ending Default Inventory	13,433	12,773	12,480	13,391	14,819
Default Rate	1.66%	1.57%	1.52%	1.62%	1.80%

1) Loans are classified as defaulted when the borrower has missed two consecutive payments.

Components Of Provision For Losses & LAE

U.S. Mortgage Insurance Portfolio

PERIOD ENDING

(\$ in millions)

4Q22

1Q23

2Q23

3Q23

4Q23

Provision for Losses & LAE occurring in:

Current Period

\$36.14

\$32.69

\$31.37

\$35.61

\$38.92

Prior Year Development

(\$32.01)

(\$32.86)

(\$30.10)

(\$25.55)

(\$19.91)

Provision For Losses & LAE

\$4.13

(\$0.17)

\$1.27

\$10.06

\$19.01

End Of Period Reserves

\$216.39

\$215.96

\$216.89

\$226.62

\$245.40

Cumulative Incurred Loss Ratio By Vintage Year

U.S. Mortgage Insurance Portfolio

	PRE-2015	2015	2016	2017	2018	2019	2020	2021	2022	2023
Pre-2015	2.4%	2.9%	3.1%	3.0%	2.7%	2.6%	3.3%	3.3%	2.6%	2.5%
2015		2.1%	3.3%	4.0%	3.0%	2.7%	4.6%	4.3%	2.7%	2.5%
2016			2.3%	4.6%	3.4%	2.9%	6.4%	5.3%	2.8%	2.2%
2017				7.5%	4.6%	4.2%	9.7%	8.3%	4.0%	3.4%
2018					3.3%	6.0%	16.4%	13.7%	5.3%	4.5%
2019						4.2%	31.2%	21.8%	5.8%	4.3%
2020							24.5%	13.6%	4.4%	3.1%
2021								9.1%	7.9%	7.1%
2022									14.4%	20.1%
2023										14.5%

Incurred loss ratio is calculated by dividing the sum of case reserves and cumulative amount paid for claims by cumulative net premiums earned.

U.S. Mortgage Insurance Subsidiaries

(\$ in millions)

As of:

Statutory Financial Information

	4Q22	1Q23	2Q23	3Q23	4Q23
Risk-to-capital ratio	10.2:1	10.3:1	10.5:1	10.3:1	10.2:1
Common stock and paid-in surplus ⁽¹⁾	\$744	\$744	\$744	\$744	\$744
Unassigned funds ⁽²⁾	\$329	\$301	\$285	\$298	\$314
Statutory policyholders' surplus	\$1,073	\$1,045	\$1,029	\$1,042	\$1,058
Contingency reserve ⁽³⁾	\$2,105	\$2,162	\$2,214	\$2,267	\$2,318
Total statutory capital	\$3,178	\$3,207	\$3,243	\$3,310	\$3,376
Reserve for losses and LAE	\$143	\$140	\$137	\$139	\$148
Total	\$3,321	\$3,347	\$3,380	\$3,448	\$3,524

Ordinary Dividend Capacity

\$304

PMIERS Data⁽⁴⁾

PMIERS available assets	\$3,191	\$3,226	\$3,245	\$3,318	\$3,380
PMIERS minimum required assets	\$1,832	\$1,918	\$1,992	\$1,911	\$1,986
PMIERS excess available assets	\$1,359	\$1,309	\$1,254	\$1,408	\$1,394

PMIERS sufficiency ratio⁽⁵⁾

with 0.3x factor	174%	168%	163%	174%	170%
without 0.3x factor	165%	161%	157%	168%	165%

Scheduled Contingency Reserve Releases⁽³⁾

(\$ in millions)

2024	\$109
2025	\$147
2026	\$175
2027	\$205
2028	\$243
2029	\$285
2030	\$306
2031	\$298
2032	\$276
2033	\$274
Total	\$2,318

1) Common stock and paid-in surplus can only be affected by direct capital contributions and returns of capital approved by Pennsylvania Insurance Department.

2) Unassigned funds change as a result of earnings (net of contingency reserve inflows and outflows) and dividends, and is a regulatory constraint on the ability to pay an ordinary dividend, since unassigned funds must be positive in order to pay such a dividend. A Pennsylvania domiciled insurer may pay dividends during any 12-month period in an amount equal to the greater of (i) 10% of the preceding year-end statutory policyholders' surplus or (ii) the preceding year's statutory net income. While all proposed dividends and distributions to stockholders must be filed with the Pennsylvania Insurance Department prior to payment, dividends and other distributions can be paid out of positive unassigned surplus without prior approval.

3) Contingency reserves are established by contributing 50% of earned premiums every year. Contingency reserves are released to unassigned funds after 10 years on a first-in, first-out basis or after regulatory approval with an annual loss ratio greater than 35%.

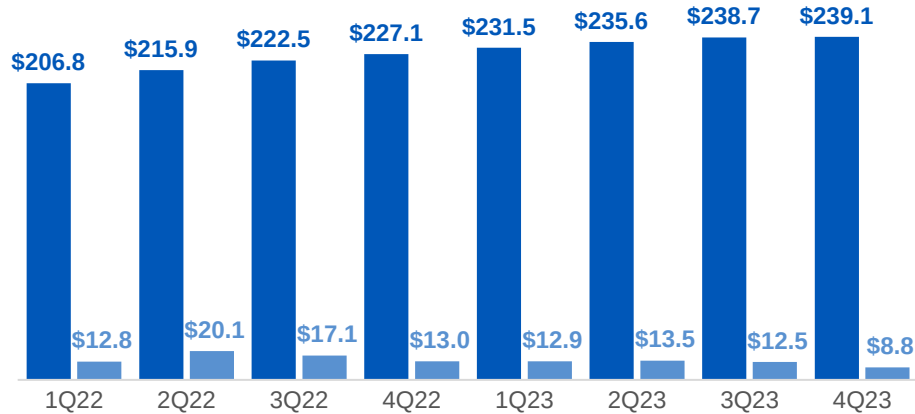
4) Essent Guaranty's Minimum Required Assets calculated based on our interpretation of the PMIERS as of the dates indicated.

5) Excess as a % of Essent Guaranty's Minimum Required Assets.

Quarterly Financial Trends

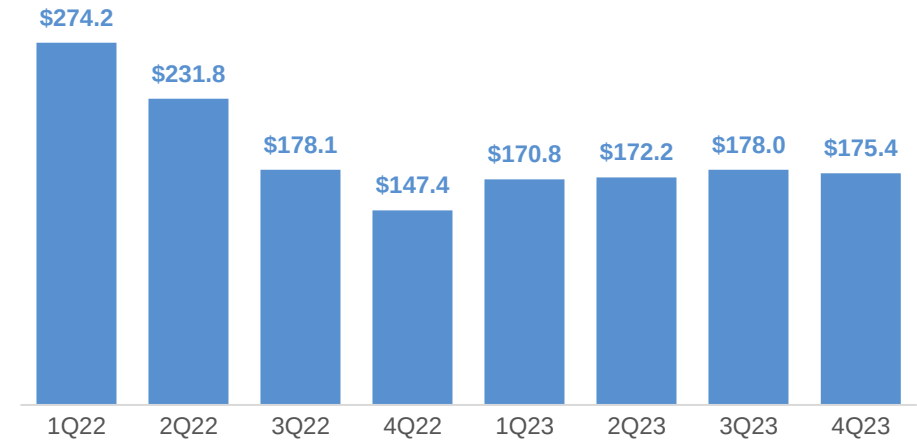
U.S. MORTGAGE IIF & NIW

- Total Insurance In Force (\$B)
- Total New Insurance Written (\$B)



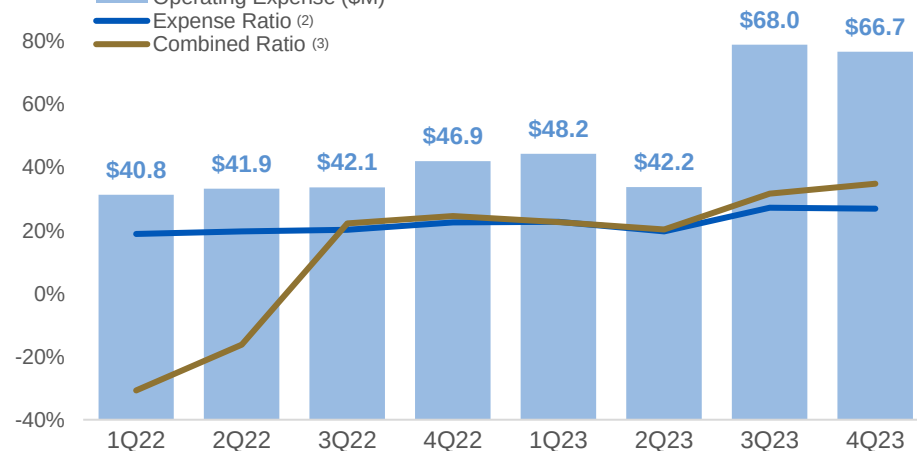
NET INCOME

- Net Income (\$M)



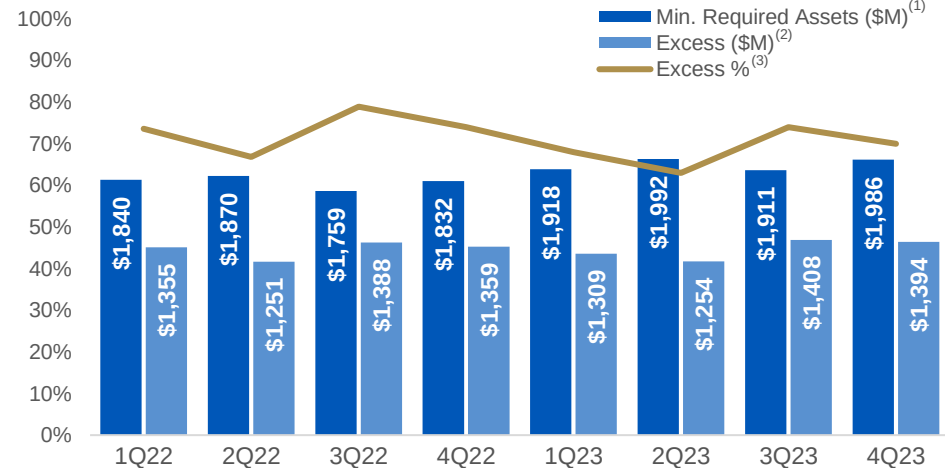
OPERATING EXPENSES

- Operating Expense (\$M) ⁽¹⁾
- Expense Ratio ⁽²⁾
- Combined Ratio ⁽³⁾



U.S. MORTGAGE INSURANCE PMIERs CAPITAL

- Min. Required Assets (\$M) ⁽¹⁾
- Excess (\$M) ⁽²⁾
- Excess % ⁽³⁾



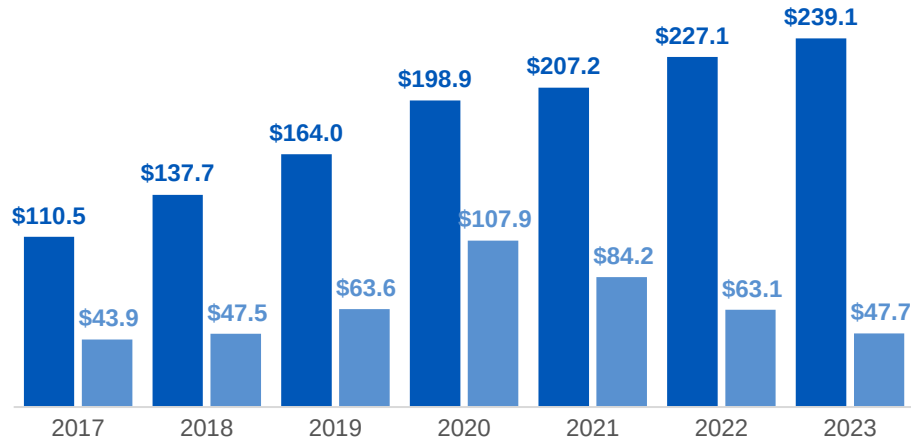
- Operating Expense includes premiums retained by agents.
- Expense ratio is calculated by dividing operating expenses by the sum of net premiums earned and settlement services revenue, if applicable.
- Loss ratio plus expense ratio.

- Essent Guaranty's Minimum Required Assets calculated based on our interpretation of the PMIERs as of the dates indicated.
- Excess of Essent Guaranty's Available Assets over Minimum Required Assets.
- Excess as a % of Essent Guaranty's Minimum Required Assets.

Annual Financial Trends

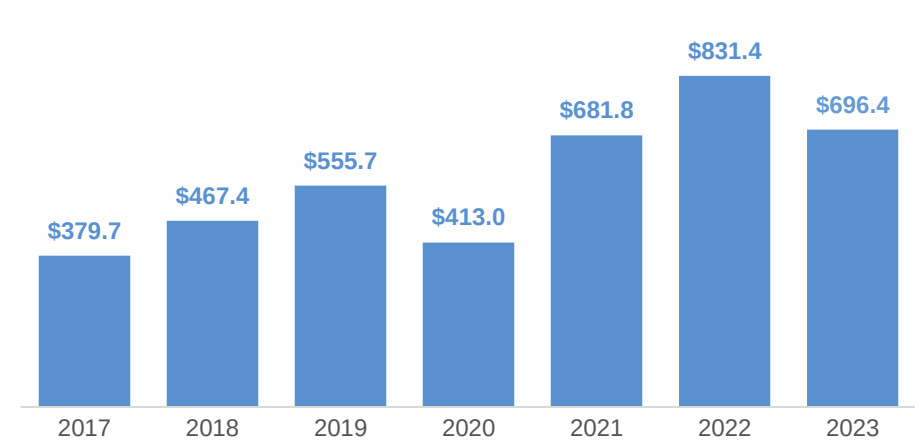
U.S. MORTGAGE IIF & NIW

■ Total Insurance In Force (\$B)
■ Total New Insurance Written (\$B)

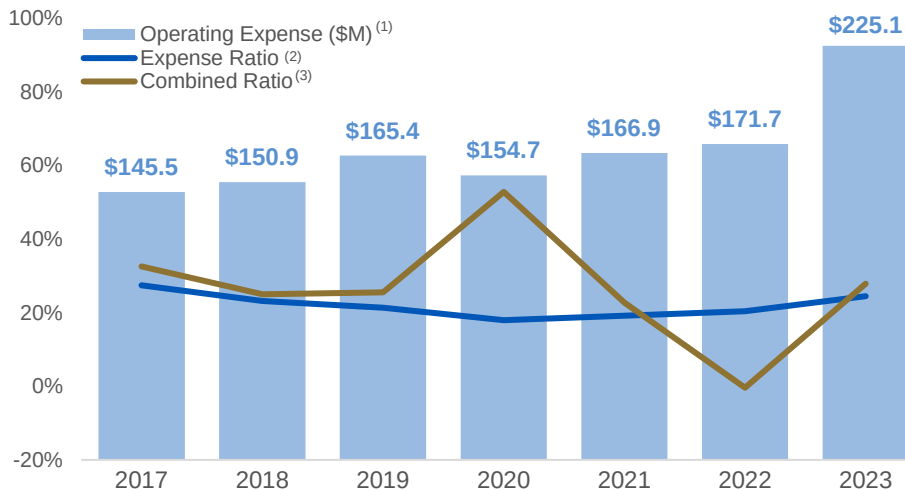


NET INCOME

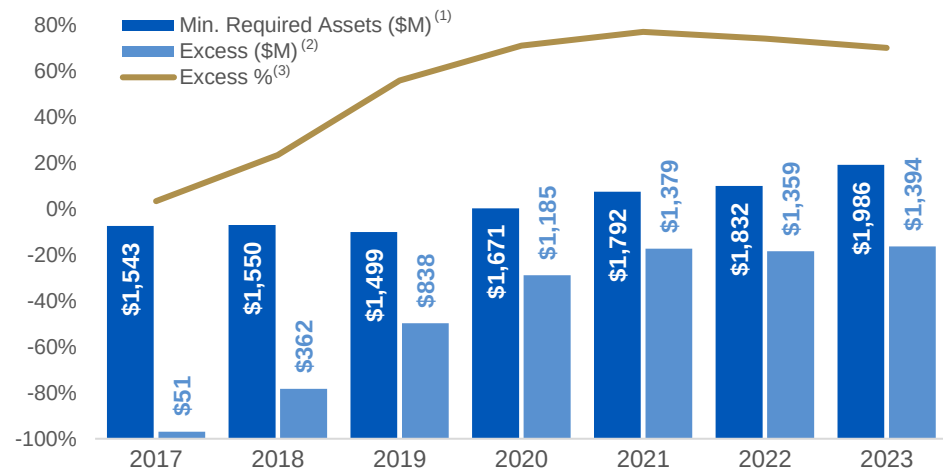
■ Net Income (\$M)



OPERATING EXPENSES



U.S. MORTGAGE INSURANCE PMIERS CAPITAL



- 1) Operating Expense includes premiums retained by agents.
- 2) Expense ratio is calculated by dividing operating expenses by the sum of net premiums earned and settlement services revenue, if applicable.
- 3) Loss ratio plus expense ratio.

- 1) Essent Guaranty's Minimum Required Assets calculated based on our interpretation of the PMIERS as of the dates indicated.
- 2) Excess of Essent Guaranty's Available Assets over Minimum Required Assets.
- 3) Excess as a % of Essent Guaranty's Minimum Required Assets.

CRT Summary: As Of 12/31/23

Insurance Linked Notes¹

dollars in millions

Deal Name	Vintage	IIF	IIF %	RIF	D60+ RIF %	DIq Trigger (Y / N)	Remaining Retention ³	Outstanding Note Balance ⁴	Attach %	Detach %	PMIERs Credit ⁵
Radnor Re 2020-1	Jan 19 - Aug 19	\$6,888	3%	\$1,798	3.97%	N	\$213	\$2	11.86%	32.11%	-
Radnor Re 2021-1	Aug 20 - Mar 21	31,673	13%	8,233	1.37%	N	279	309	3.38%	7.14%	233
Radnor Re 2021-2	Apr 21 - Sept 21	35,959	15%	9,735	1.76%	N	279	340	2.87%	7.83%	277
Radnor Re 2022-1	Oct 21 - Jul 22	31,521	13%	8,522	1.62%	N	303	231	3.56%	7.04%	213
Radnor Re 2023-1	Aug 22 - Jun 23	30,639	13%	8,382	0.81%	N	281	281	3.36%	6.72%	267
Total ILN		\$136,681	57%	\$36,670			\$1,356	\$1,164			\$989

Reinsurance - Excess of Loss²

Deal Name	Vintage	IIF	IIF %	RIF	D60+ RIF %	DIq Trigger (Y / N)	Remaining Retention ³	Program Limit	Attach %	Detach %	PMIERs Credit ⁵
XOL 2019-1	Jan 18 - Dec 18	\$5,503	2%	\$1,442	5.17%	Y	\$246	\$76	17.07%	44.93%	-
XOL 2020-1	Jan 19 - Aug 19	6,888	3%	1,798	3.97%	N	213	36	11.86%	32.11%	-
XOL 2022-1	Oct 21 - Dec 22	70,475	29%	19,058	1.60%	N	506	142	2.66%	6.38%	138
Total XOL		\$82,866	35%	\$22,297			\$965	\$255			\$138

Reinsurance - Quota Share²

Deal Name	Vintage	IIF	IIF %	Ceded RIF	D60+ Ceded RIF %	DIq Trigger (Y / N)	ILN & XOL Remaining Retention ³	ILN & XOL Balance Outstanding ⁴	Attach %	Detach %	PMIERs Credit ⁵
QSR 2019-1	Sept 19 - Dec 20	\$51,656	22%	\$3,004	1.50%	N/A	N/A	N/A	N/A	N/A	\$178
QSR 2022-1	Jan 22 - Dec 22	56,890	24%	3,080	1.60%	N/A	N/A	N/A	N/A	N/A	233
QSR 2023-1	Jan 23 - Dec 23	40,610	17%	1,967	0.56%	N/A	N/A	N/A	N/A	N/A	142
Total QSR		\$149,156	62%	\$8,051							\$554
Aggregate⁶		\$222,644	93%				\$1,787	\$1,419			\$1,681

1. Insurance Linked Note Transactions (ILN) are with Radnor Re (RMIR) entities
 ➤ The Radnor Re entities are Bermuda Special Purpose Insurers and are not subsidiaries of nor affiliated with Essent Group Ltd

2. Excess of Loss Agreements (XOL) and Quota Share (QSR) transactions are with panels of U.S. & global reinsurers
 3. Remaining Retention refers to retained outstanding first loss exposure
 4. Radnor Re 2020-1 outstanding note balance reflects impact of tender offers executed in 2023

5. Reduction in PMIERs Minimum Required Assets estimated by the Company
 6. The totals may differ from the sum of the individual reinsurance transactions due to overlapping coverage between certain transactions

• Please see [here](#) for the Credit Risk Transfer Update presentation for additional detail.

