ESSENT GROUP LTD.

INVESTOR PRESENTATION 4Q & FY-21

NYSE: ESNT

February 11, 2022

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: the impact of COVID-19 and related economic conditions; 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; 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; deteriorating economic conditions; 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, 2020 filed with the Securities and Exchange Commission on February 26, 2021, 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 mortgage insurance and reinsurance to support home ownership
- Transformed business model from “Buy and Hold” to “Buy, Manage & Distribute” through use of programmatic reinsurance
- Developed risk-based pricing engine EssentEDGE®, and the next generation of EssentEDGE®, a cloud-based AI pricing platform
- Essent Guaranty, Inc. is rated A3 by Moody’s, A (Excellent) by A.M. Best, and BBB+ by S&P

	4Q21	3Q21
IIF ($B)	**$207.2**	$208.2
NIW ($B)	**$16.4**	$23.6
New Defaults (K)	**5.8**	5.1
Portfolio Default Rate	**2.16%**	2.47%
Net Income ($M)	**$181.0**	$205.4
Combined Ratio	**17.4%**	15.9%
Annualized ROE	**17.2%**	19.9%
Shareholders’ Equity ($B)	**$4.2**	$4.2
PMIERs Sufficiency Ratio	**177%**	162%
% IIF With Reinsurance Protection	**90%**	75%
Risk-To-Capital Ratio[1]	**10.4:1**	10.5:1

Recent Developments

- Executed the Radnor Re 2021-2 Insurance-Linked Note (“ILN”) transaction during 4Q21, with 90% of IIF subject to reinsurance protection at year end
- Amended and extended our credit facility from a total of $625m to $825m in December 2021
- Announced the promotion of Chris Curran to President of Essent Guaranty, Inc. effective January 1, 2022

Capital Distribution To Shareholders

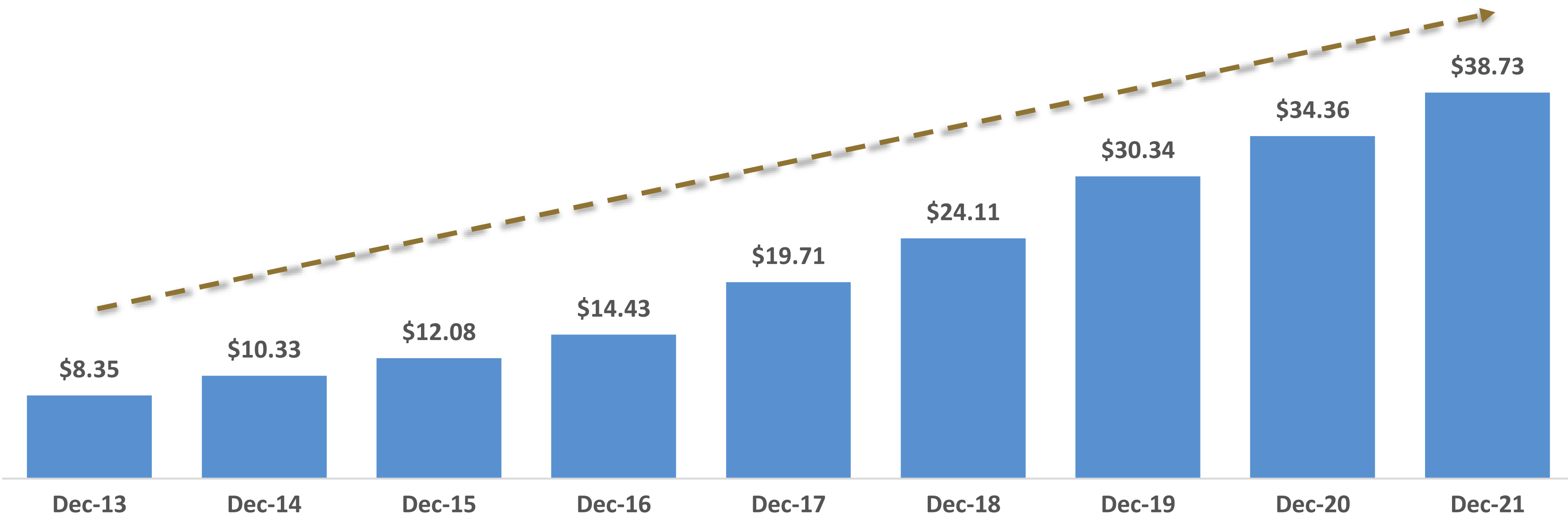
- Purchased 3,469,560 ESNT shares through December 31, 2021, or $157.8 million of the $250 million authorized under our share repurchase program announced in May 2021
- Announced Board approval in conjunction with the 4Q & FY-21 earnings release to increase the quarterly dividend to $0.20 per common share, payable during 1Q22

[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.

Delivering Shareholder Value

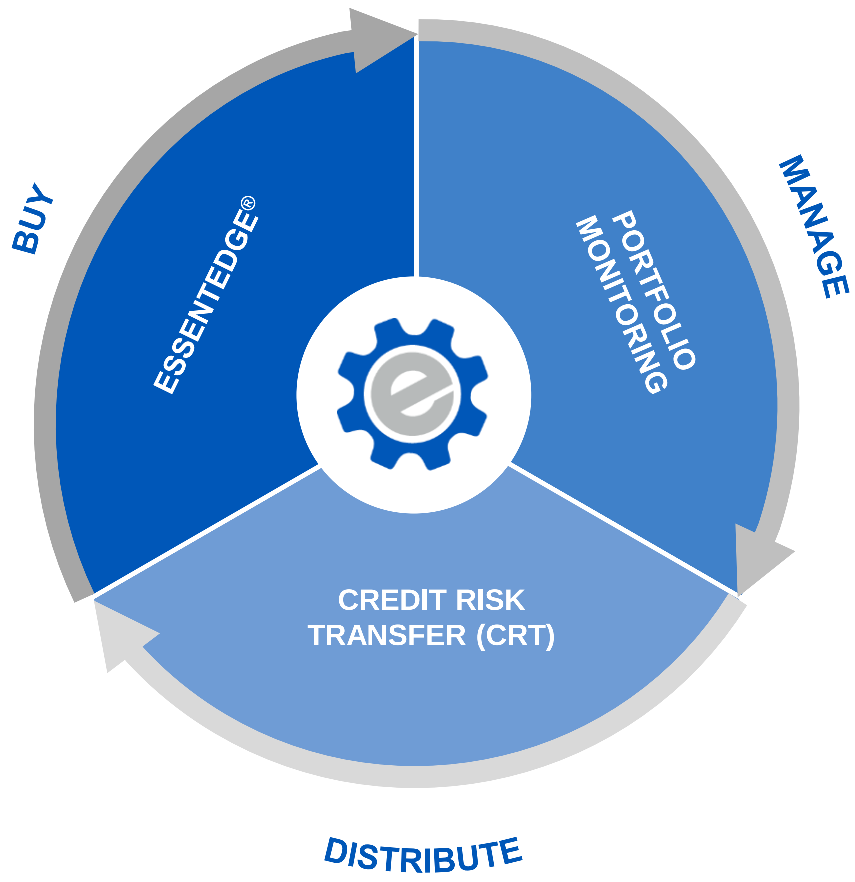
BOOK VALUE PER SHARE GROWTH

Annualized growth rate of 21.1% from December 31, 2013



Strong Cash Flows & Earnings → **Programmatic Reinsurance Protection** → **Steadily Increasing Dividends** → **Initiated Share Repurchases**

Buy, Manage & Distribute Operating Model



NEXT GENERATION OF ESSENTEDGE®

- Sophisticated risk-based pricing engine and an effective risk management tool
- Increased lender adoption and integration with third party loan origination and pricing systems
- The next generation of EssentEDGE® is powered by machine learning. It evaluates borrower credit data with 400+ attributes in calculating and delivering an MI rate in ~3 seconds
- Long-term advantage in pricing and managing credit risk

PORTFOLIO MONITORING

- Leverage underwriting standards to adjust new business flows
- Shape portfolio risk profile
- Robust internal risk analytics and quality assurance

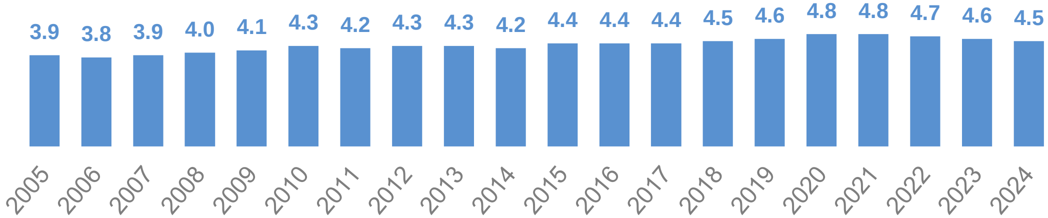
CREDIT RISK TRANSFER (CRT)

- Mitigate return volatility during down cycles
- Diversify source of capital through Insurance-Linked Notes (“ILN”), Excess of Loss (“XOL”), and Quota Share Reinsurance (“QSR”) transactions
- Manage housing cycles with stronger franchise

Supportive Industry Fundamentals

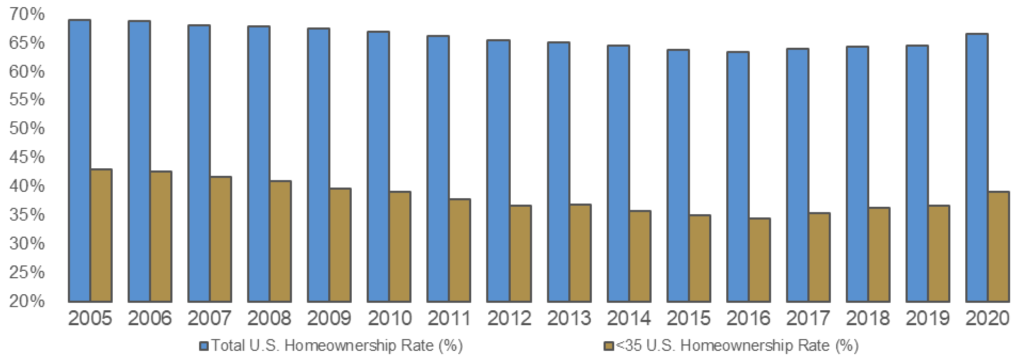
GROWING DOMESTIC FIRST-TIME HOMEBUYER POPULATION

New Entrants to Domestic First-Time Homebuyer Population (M)



- Millennial generation of roughly 80M will drive housing’s longer-term prospects and first-time buyer activity.
- Over next several years, on an annual basis, approximately 4-5M millennials will enter their early thirties, the average age of a first-time home buyer.

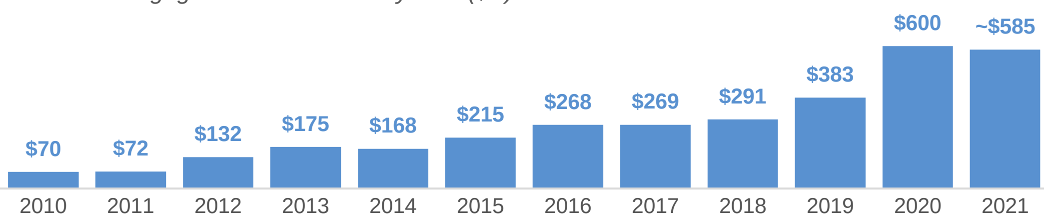
HOMEOWNERSHIP RATE HAVE STARTED TO REBOUND



- Homeownership rates have been increasing in recent years.
- Purchase demand remains strong in spite of higher home prices and rising interest rates
- The COVID-19 pandemic also accelerated demand for single family homes given work-from-home and work-from-anywhere dynamics

INDUSTRY NIW HAS EXPERIENCED STRONG GROWTH

Private Mortgage Insurance Industry NIW ($B)



- Demographic and macroeconomic tailwinds have supported NIW growth over the past decade.
- Growth has been focused on high credit quality business.
- Low unemployment rates and rising income support favorable credit trends

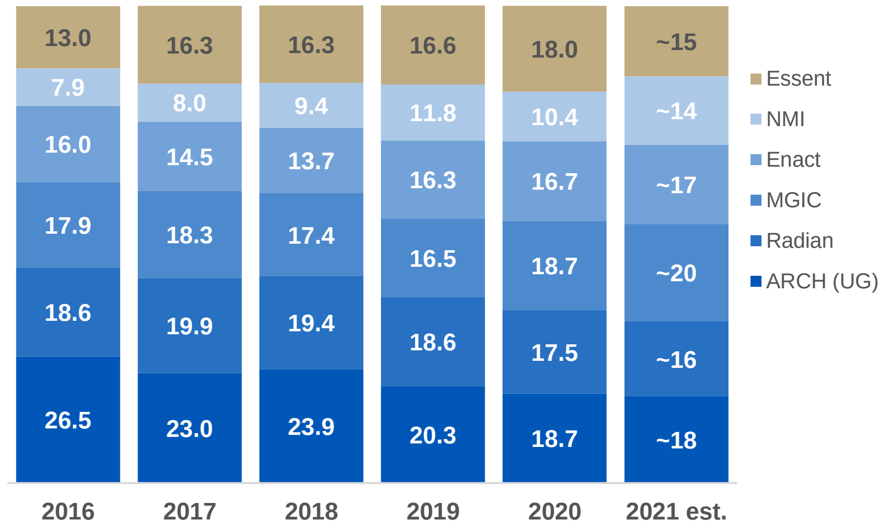
Sources: U.S. Census Bureau. Mortgage Bankers Association. Inside Mortgage Finance. Company public disclosures.

Market Remains An Attractive Opportunity

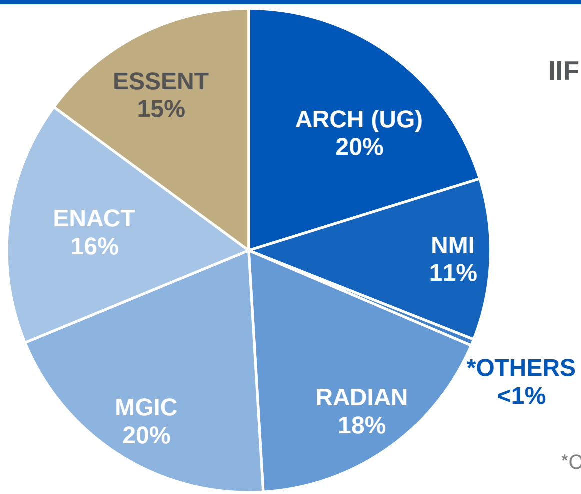
KEY HIGHLIGHTS

- Essent maintains a strong market position while industry insurance in force continues to grow
- Essent has averaged an annual NIW market share of approximately 16% from 2016 through 2021.
- The MI industry continues to benefit from large mortgage origination markets and robust private MI penetration rates in increasing purchase mortgage volumes

ANNUAL NIW MARKET SHARE



TOTAL MARKET IIF SHARE

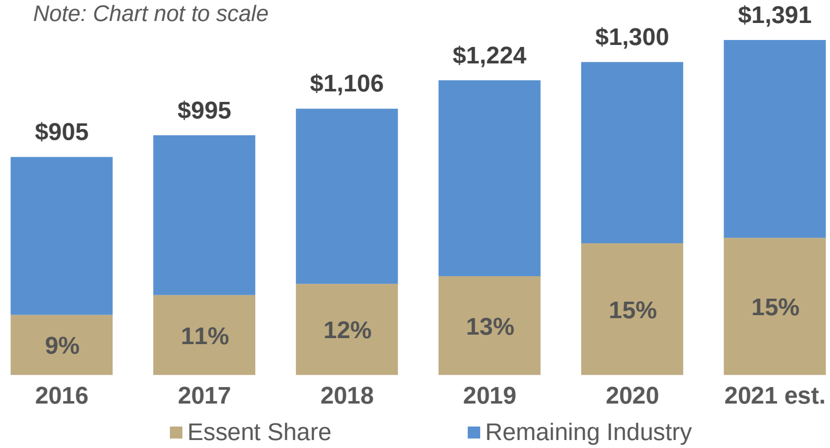


Q4-21 est. IIF Outstanding: $1,391B

*OTHERS: MI's in runoff

MARKET SIZE & GROWTH

Insurance In Force ($B)
Note: Chart not to scale



Sources: Mortgage Bankers Association. Inside Mortgage Finance. Company public disclosures.

Focus On Profitability, Capital & Liquidity…

1

EssentEDGE® Enables Rapid Execution of Targeted Pricing Strategies

- Lender utilization continued to increase in 2021
- The next 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

2

Strong Operating Results

- Full Year 2021 Operating Margin of 80% with $709 million in Operating Cash Flow
- Continue to focus on optimizing unit economics
- Credit quality of portfolio remains strong
- Efficient platform enables increased operating leverage and profitability

3

Committed To Programmatic Reinsurance

- Buy-Manage-Distribute model mitigates franchise volatility during weak economic cycles
- Executed latest ILN deal of $439M during 4Q21
- As of December 31, 2021, Essent has access to $2.7 billion in ILN/XOL reinsurance coverage, with 90% of IIF subject to reinsurance protection

4

Fortifying Balance Sheet and Enhancing Financial Flexibility

As of December 31, 2021:

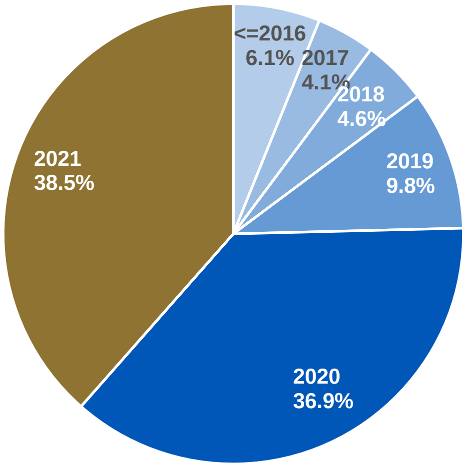
- $4.2B in GAAP Equity
- Ample liquidity with $618M net cash and investments available for sale at the holding companies
- An additional $400M in undrawn capacity with our credit facility
- Conservative financial leverage of 9.1%

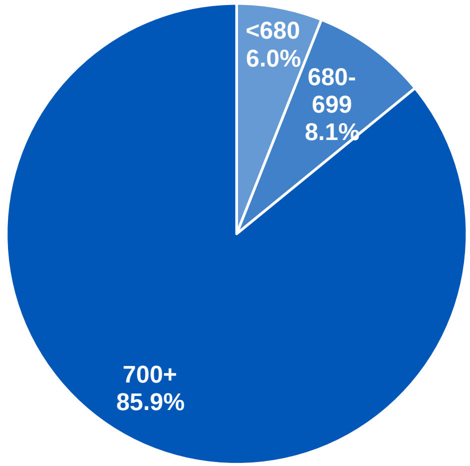
…While Building A High Credit Quality Portfolio

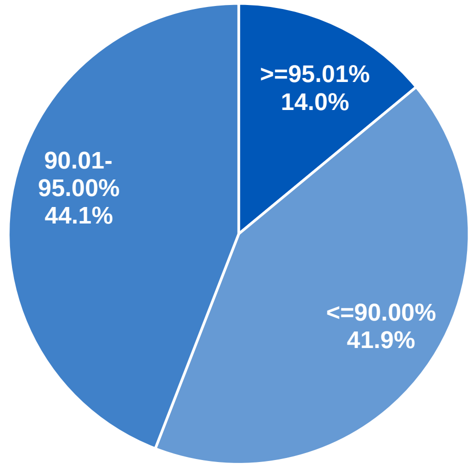
As Of December 31, 2021, Essent Has $207.2 Billion Of Insurance In Force

	IIF BY VINTAGE	IIF BY FICO SCORE	IIF BY LTV

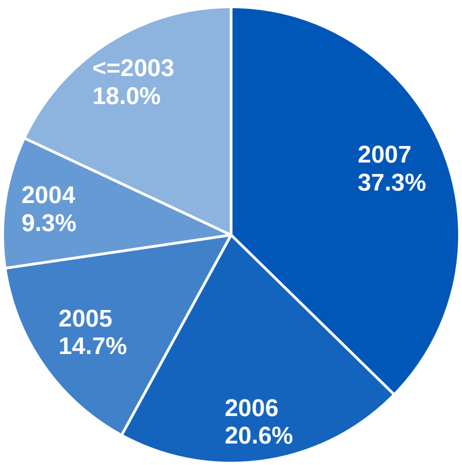
ESSENT Q4 IIF

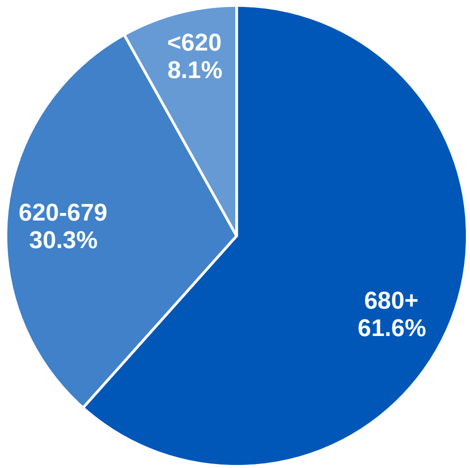


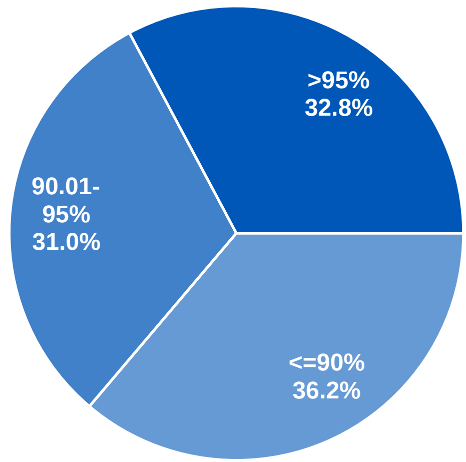




2007 INDUSTRY AVERAGE[1]







[1] Represents the average breakdown of primary RIF for Q4 2007 between Radian, MGIC, Genworth U.S. M.I., and Triad Guaranty. FICO breakdown excludes Triad Guaranty for FICO 620-679 and 680+ due to lack of comparable disclosure. As reported in SEC filings for each Company for Q4 2007.

Key Milestones in Essent's Evolution

Essent is primed for future growth with the convergence of housing finance, real estate, insurance and technology sectors

2009

2010 — **Launch of Essent Guaranty**
Essent obtains GSE approvals and writes first MI policy

2013 — **IPO**
Essent completes IPO; emerges as a key player in future of MI

2014 — **Launch of Essent Re**
Essent Re completes first GSE risk share deal and reinsures Essent Guaranty

2018 — **First CRT**
Essent initiates its first credit-risk transfer program

2019 — **EssentEDGE®**
Essent launches proprietary innovative pricing platform

2021 — **EssentEDGE® Next Generation**
Essent launches cloud-based AI pricing platform

2022+

VERTICAL INTEGRATION

- Scaled platform broadens Essent's proprietary data analytics capabilities
- Increased penetration of integration opportunities with mortgage technology providers
- Leverage core competencies to expand into consumer finance and key insurance adjacencies

HORIZONTAL EXPANSION

KEY DIFFERENTIATORS OF ESSENT

25+ yrs Experienced Management Team	Strong Capital Position	Conservative Financial Leverage	Highly Efficient Operating Platform	Best in Class Analytics & Technologies

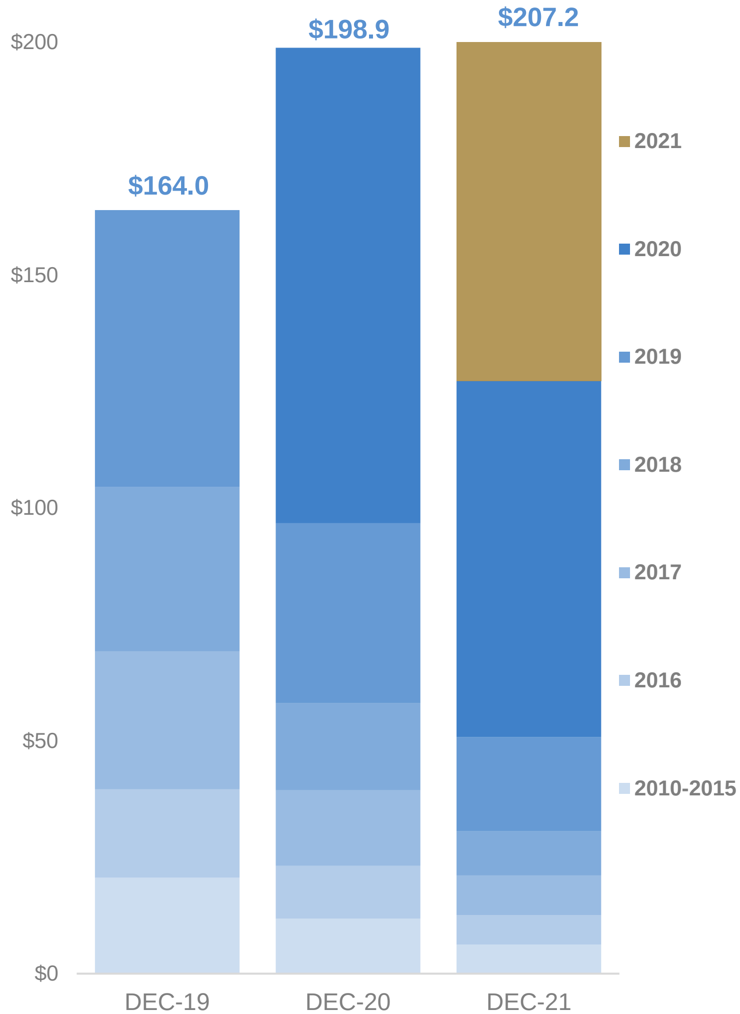
Financial Highlights

($ in millions, except per share amounts)	4Q21	3Q21	2Q21	1Q21	4Q20
	AS OF END OF PERIOD				
KEY METRICS					
Insurance In Force	**$207,190.5**	$208,216.5	$203,559.9	$197,091.2	$198,882.4
Total Assets	**$5,722.2**	$5,589.5	$5,521.8	$5,331.8	$5,202.7
Total Investments	**$5,133.4**	$5,031.3	$4,891.6	$4,801.9	$4,654.3
Loss Reserves	**$407.4**	$413.0	$421.9	$411.1	$374.9
Debt-to-Capital	**9%**	7%	7%	8%	8%
Shareholders' Equity	**$4,236.1**	$4,168.0	$4,084.8	$3,920.9	$3,862.6
Book Value Per Share	**$38.73**	$37.58	$36.32	$34.75	$34.36
Available / Total HoldCo Liquidity (1)	**$618 / $1,018**	$513 / $813	$590 / $890	$544 / $844	$575 / $875
PMIERs Excess Available Assets (or "Cushion") (2)	**$1,379 / 77%**	$1,211 / 62%	$1,284 / 74%	$1,132 / 61%	$1,185 / 71%

1) HoldCo Liquidity includes net cash and investments available for sale at the holding companies.
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.

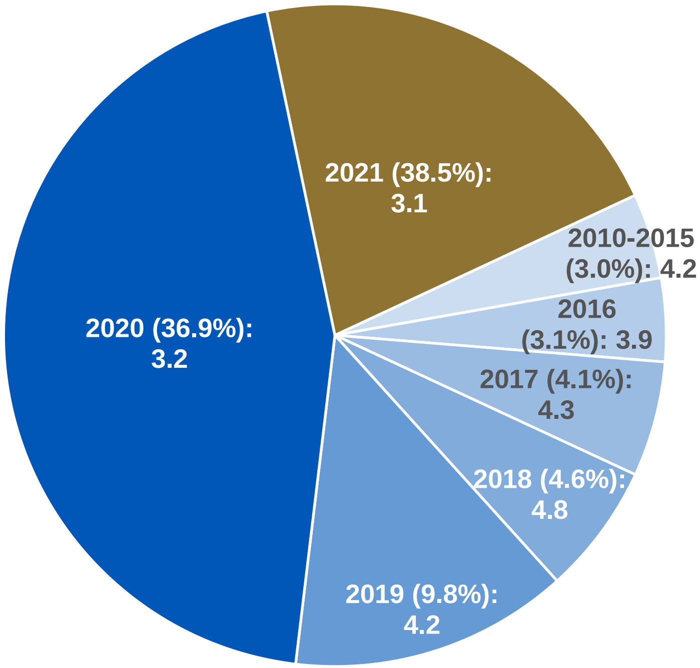
Insurance In Force (IIF)

IIF BY VINTAGE YEAR ($B)



($ in billions)	DEC. 31, 2021		DEC. 31, 2020		DEC. 31, 2019	
2021	**$79.8**	**38.5%**	-	-	-	-
2020	**$76.6**	**36.9%**	$102.1	51.3%	-	-
2019	**$20.3**	**9.8%**	$38.7	19.5%	$59.5	36.3%
2018	**$9.5**	**4.6%**	$18.7	9.4%	$35.3	21.5%
2017	**$8.5**	**4.1%**	$16.3	8.2%	$29.6	18.1%
2016	**$6.3**	**3.1%**	$11.3	5.7%	$19.0	11.6%
2010 - 2015	**$6.2**	**3.0%**	$11.8	5.9%	$20.6	12.5%
Total:	**$207.2**	**100%**	**$198.9**	**100%**	**$164.0**	**100%**

IIF AS OF DEC. 31, 2021: BY WA COUPON RATE



In Force Portfolio Premium Yield

U.S. Mortgage Insurance Portfolio	PERIOD ENDING				
(in basis points)	**4Q21**	**3Q21**	**2Q21**	**1Q21**	**4Q20**
Base Premium Earned	42 bps	42 bps	43 bps	44 bps	44 bps
Singles Cancellation Premium	3 bps	3 bps	3 bps	4 bps	5 bps
Gross Premium Rate	**45 bps**	**45 bps**	**46 bps**	**48 bps**	**49 bps**
Ceded Premium	(5) bps	(5) bps	(5) bps	(6) bps	(6) bps
Net Premium Rate	**40 bps**	**40 bps**	**41 bps**	**42 bps**	**43 bps**
Average IIF ($B)	**$207.39**	**$206.73**	**$199.74**	**$197.75**	**$195.67**

Default Rollforward

U.S. Mortgage Insurance Portfolio

(number of loans)	PERIOD ENDING 4Q21	3Q21	2Q21	1Q21	4Q20
Beginning Default Inventory	19,721	23,504	29,080	31,469	35,464
Plus: New Defaults	5,809	5,132	4,934	7,422	8,745
Less: Cures	(8,514)	(8,862)	(10,453)	(9,737)	(12,679)
Less: Claims Paid	(47)	(41)	(46)	(61)	(49)
Less: Recessions & Denials, net	(6)	(12)	(11)	(13)	(12)
Ending Default Inventory	**16,963**	**19,721**	**23,504**	**29,080**	**31,469**
Default Rate	2.16%	2.47%	2.96%	3.70%	3.93%

Components Of Provision For Losses & LAE

U.S. Mortgage Insurance Portfolio	PERIOD ENDING				
($ in millions)	**4Q21**	**3Q21**	**2Q21**	**1Q21**	**4Q20**
Provision for Losses & LAE occurring in:					
Current Period	$13.23	$11.37	$24.53	$47.76	$63.60
Prior Year Development	($16.62)	($18.85)	($14.96)	($15.68)	($1.88)
Provision For Losses & LAE	**($3.39)**	**($7.48)**	**$9.57**	**$32.08**	**$61.72**
End Of Period Reserves	**$406.10**	**$411.57**	**$420.48**	**$409.81**	**$373.87**

Cumulative Incurred Loss Ratio By Vintage Year

	PRE-2015	2015	2016	2017	2018	2019	2020	2021
Pre-2015	2.4%	2.9%	3.1%	3.0%	2.7%	2.6%	3.3%	3.3%
2015		2.1%	3.3%	4.0%	3.0%	2.7%	4.6%	4.3%
2016			2.3%	4.6%	3.4%	2.9%	6.4%	5.3%
2017				7.5%	4.6%	4.2%	9.7%	8.3%
2018					3.3%	6.0%	16.4%	13.7%
2019						4.2%	31.2%	21.8%
2020							24.5%	13.6%
2021								9.1%

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

Excess Of Loss Reinsurance Coverage by Vintage

As Of December 31, 2021

($ in millions)

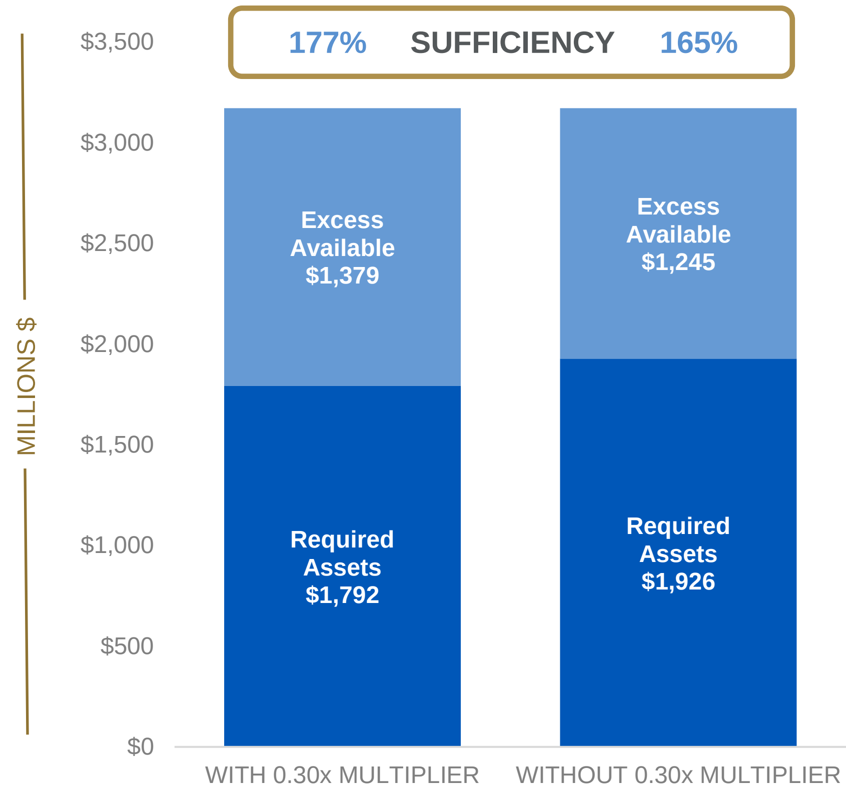
Vintage	Gross RIF	RIF Ceded to QS[1]	RIF Net of QS[1]	Excess Of Loss Coverage as % of RIF Net of QS[1]	Excess Of Loss Reference Pool
2014 and prior	$785	$ -	$785	-	$ -
2015	838	-	838	97.1%	814
2016	1,688	-	1,688	97.7%	1,649
2017	2,194	-	2,194	97.7%	2,144
2018	2,409	-	2,409	98.9%	2,383
2019	5,132	489	4,643	93.4%	4,337
2020	18,888	4,102	14,786	97.9%	14,480
2021	20,620	-	20,620	78.8%	16,255
Total	**$52,554**	**$4,591**	**$47,963**	**87.7%**	**$42,062**

1) "QS" = quota share reinsurance

Maintaining A Sufficient PMIERs Cushion

- At December 31, 2021, Essent Guaranty, Inc. (“Essent Guaranty”) has a PMIERs required asset amount of $1.8 billion and an excess asset amount of $1.4 billion, yielding a PMIERs sufficiency ratio of 177%, with the 0.3x factor applied to the PMIERs asset requirements for defaulted loans resulting from COVID-19.
- Excluding the 0.3x factor, our PMIERs required asset amount would increase to $1.9 billion, resulting in a PMIERs excess of $1.2 billion and a sufficiency ratio of 165%.
- The exclusion of the 0.3x factor would increase PMIERs gross required asset amount, partially offset by increased PMIERs credit provided by reinsurance programs.
- PMIERs sufficiency calculation does not account for the $618 million of net cash & investments available for sale at the holding companies, or the $400 million undrawn capacity from the credit facility at December 31, 2021.

PMIERS WITH AND WITHOUT 0.3x MULTIPLIER

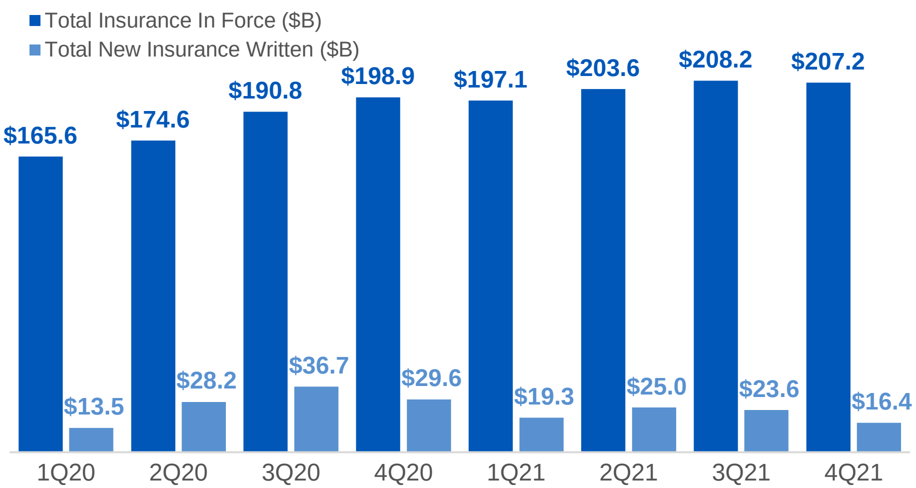


Essent believes it is well positioned to maintain a sufficient PMIERs cushion

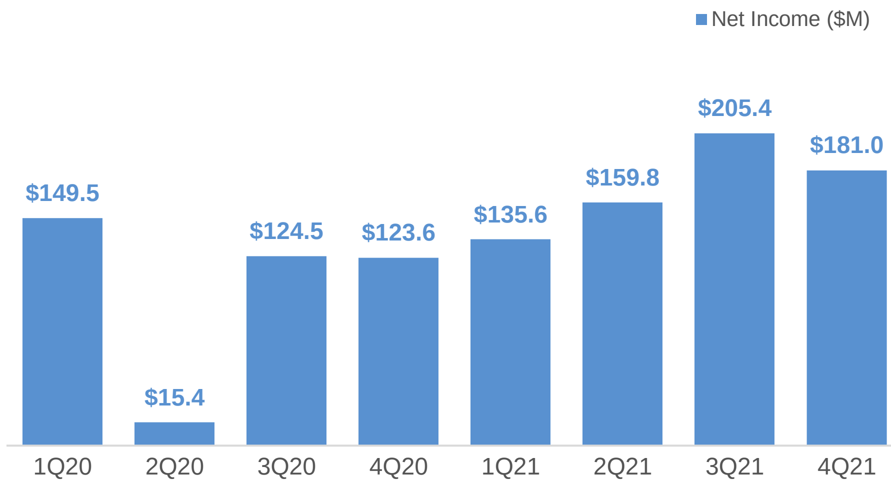
PMIERs available and required assets as reported as of 12/31; Without 0.3x figures represent approximation of Essent PMIERs capital position at 12/31, assuming PMIERs 0.3x multiplier is not applied.

Quarterly Financial Trends

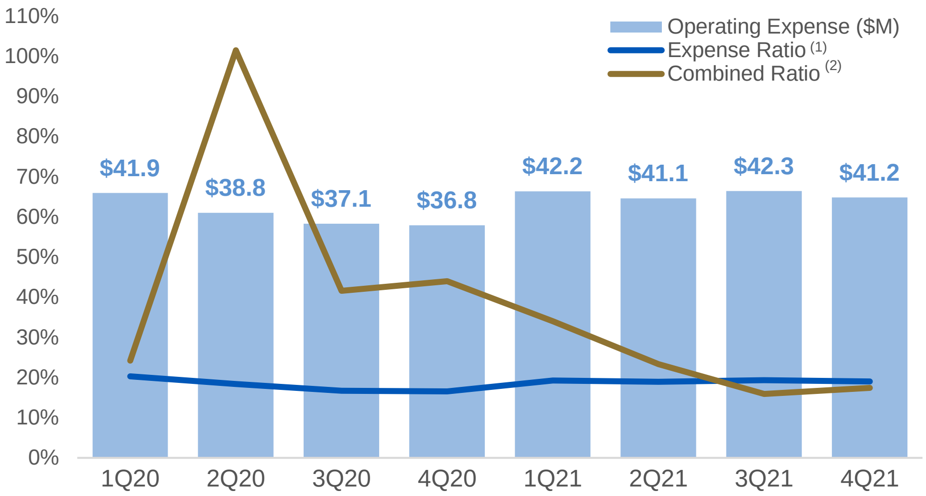
INSURANCE IN FORCE & NEW INSURANCE WRITTEN



NET INCOME

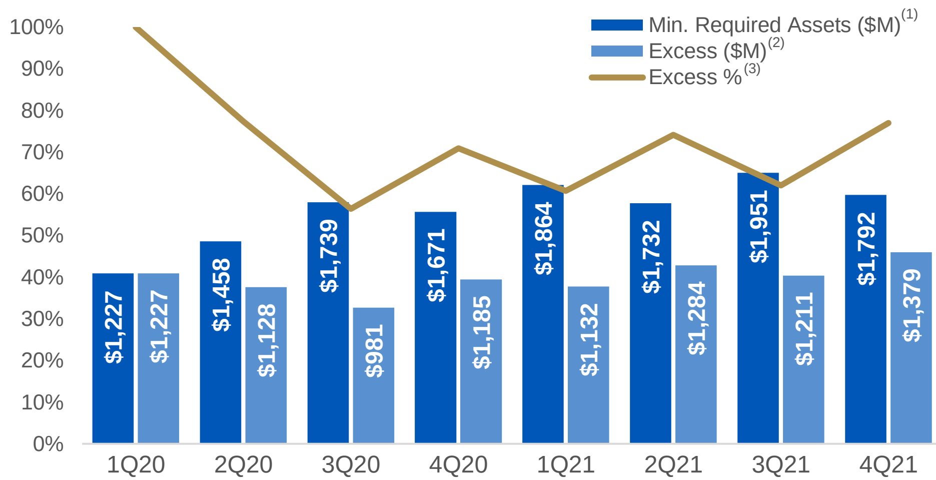


OPERATING EXPENSES



1) Expense ratio is calculated by dividing operating expenses by net premiums earned.
2) Loss ratio plus expense ratio.

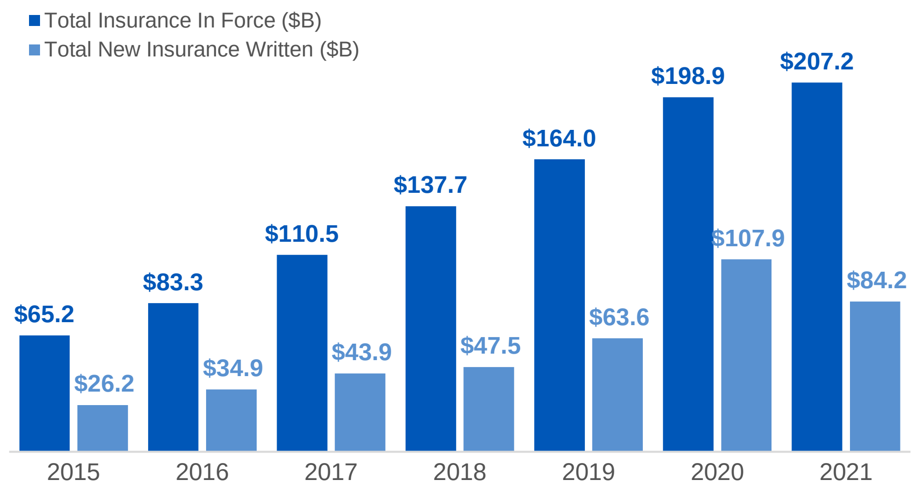
PMIERs CAPITAL



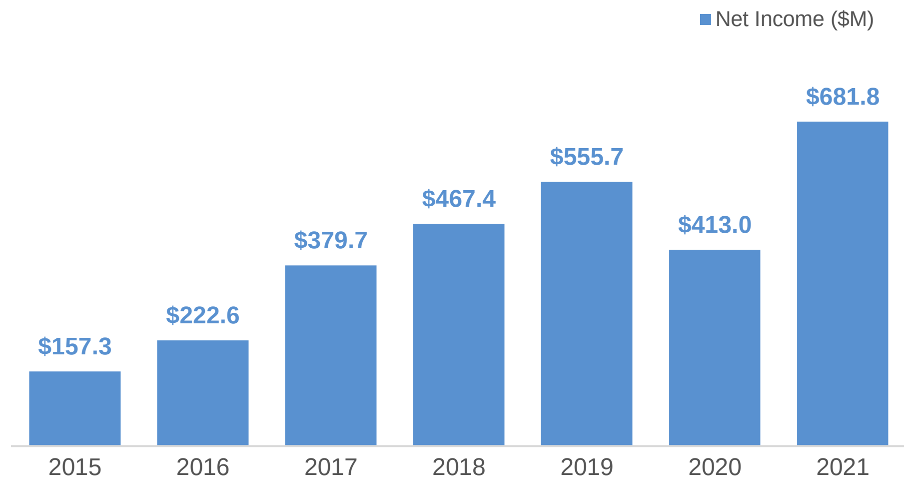
1) Essent Guaranty's Minimum Required Assets calculated based on our interpretation of the PMIERs as of the dates indicated.
2) Excess of Essent Guaranty's Available Assets over Minimum Required Assets.
3) Excess as a % of Essent Guaranty's Minimum Required Assets.

Annual Financial Trends

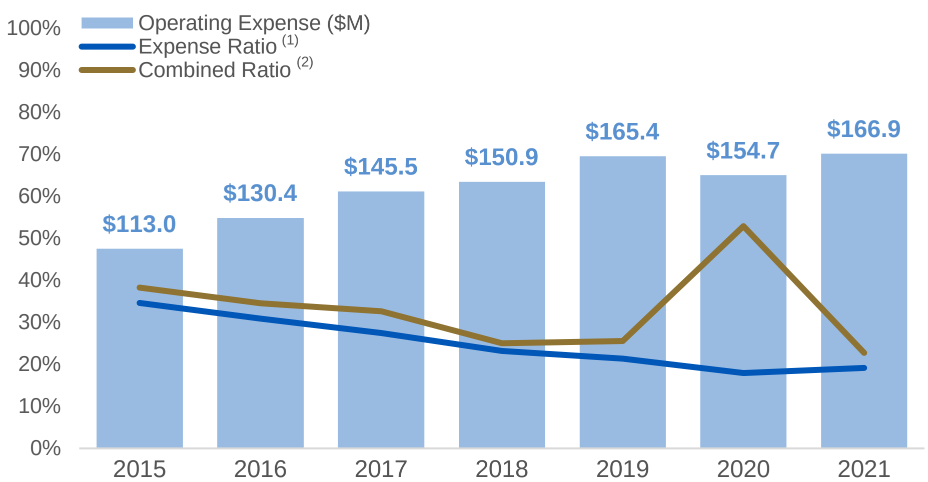
INSURANCE IN FORCE & NEW INSURANCE WRITTEN



NET INCOME

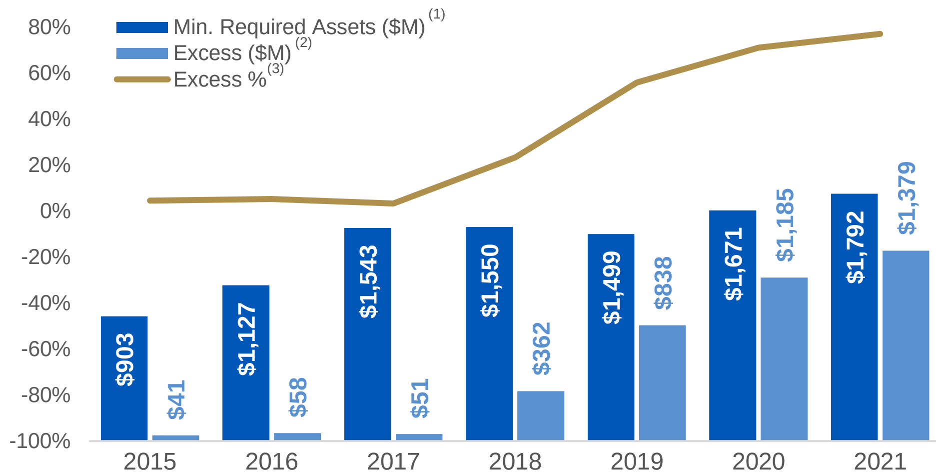


OPERATING EXPENSES



1) Expense ratio is calculated by dividing operating expenses by net premiums earned.
2) Loss ratio plus expense ratio.

PMIERs CAPITAL



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.

Key Takeaways

Essent is a leading mortgage insurer and reinsurer operating in a large and growing market with high barrier of entry

Essent's financial strength and flexibility positions us to seize attractive opportunities as the market evolves

Essent has transformed its business model from "Buy & Hold" to "Buy, Manage & Distribute"

Strong capital and liquidity, along with 3rd party reinsurance, enhance Essent's long-term sustainability