



PROASSURANCE[®]
Treated Fairly

Investor Update

March 2023

ProAssurance Overview



The ProAssurance Mission We **Protect Others.**

Corporate Values
Integrity | Leadership | Relationships | Enthusiasm

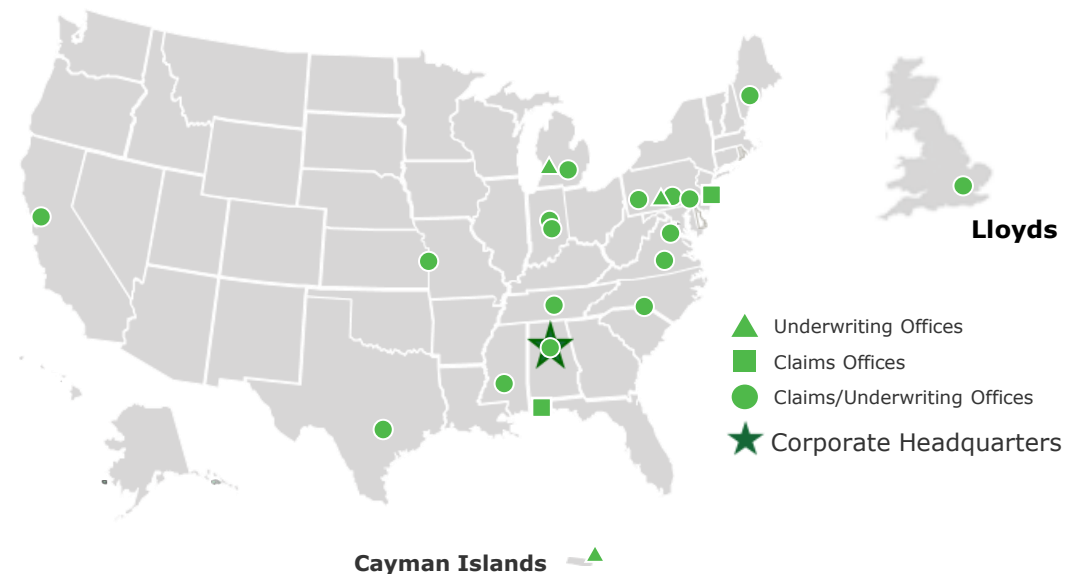
Our Brand Promise
We will honor these values in the execution of **treated fairly** to perform our mission and realize our vision.

At a Glance

- **Healthcare-centric specialty insurance writer**

- Specialty Property & Casualty
 - *Healthcare Professional Liability (HCPL)*
 - *Life Sciences and Medical Technology Liability*
 - *Small Business Unit*
- Workers' Compensation Insurance
- Segregated Portfolio Cell (SPC) Reinsurance
- Lloyd's of London Syndicates
- Total Assets: \$5.7 billion
- Shareholders' Equity: \$1.1 billion
- Claims-Paying Ratings
 - A.M. Best: "A" (Excellent)
 - Fitch: "A-" (Strong)
- 18 locations, with operations in three countries
 - 1,083 employees
- Writing in 50 states & DC

Business Unit	Principal Offices	Employees	Lines of Business
HCPL	8	605	Healthcare professional liability
Medmarc	1	34	Medical technology liability
Small Business Unit	1	98	Podiatrists, chiropractors, dentists, and lawyers
Eastern	7	251	Workers' Compensation & captive facilities (all lines)
PRA Corporate	1	95	Corporate functions



All employee and financial data as of 12/31/22.

ProAssurance Executive Leadership



Ned Rand - President & Chief Executive Officer

Mr. Rand became President and CEO in 2019, after serving as COO, CFO, Executive VP, and Senior VP of Finance at ProAssurance since joining the company in 2004. Prior to joining ProAssurance, he served in a number of financial roles for insurance companies.

Mr. Rand is a CPA and graduate of Davidson College (B.A., Economics)



Mike Boguski*
*President
Specialty P&C*



Noreen Dishart
*Executive Vice President
&
Chief Human Resources Officer*



Dana Hendricks
*Executive Vice President
&
Chief Financial Officer*



Jeff Lisenby
*Executive Vice President
&
General Counsel*



Kevin Shook
*President
Workers' Compensation &
Segregated Portfolio Cell
Reinsurance*

*On February 27, 2023, we announced that Mike Boguski will be retiring on 6/30/2023

Executive Team bios available on our website at [Investor.ProAssurance.com/OD](https://investor.proassurance.com/OD)

ProAssurance Board of Directors



A - Audit Committee **C** - Compensation Committee **E** - Executive Committee
N/C - Nominating/Corporate Governance Committee Underlined - Chair



Bruce D. Angiolillo
Independent Chair
E



Kedrick D. Adkins, Jr.
A



Fabiola Cobarrubias, MD
A



Samuel A. Di Piazza, Jr.
A, E



Maye Head Frei
C



M. James Gorrie
N/C



Ziad R. Haydar, MD
C



Edward L. Rand, Jr.
E



Frank A. Spinosa, DPM
N/C



Scott C. Syphax
C



Katisha T. Vance, MD
N/C



Thomas A.S. Wilson, Jr, MD
N/C

Director bios available on our website at [Investor.ProAssurance.com/OD](https://investor.proassurance.com/OD)

ProAssurance Brand Profile



Specialty P&C

Healthcare Professional Liability



Medical Technology & Life Sciences Products Liability



Legal Professional Liability



Workers' Comp



Alternative Risk Transfer



ProAssurance Reports Financial Results in Five Segments



ProAssurance Specialty Property & Casualty

- Healthcare Professional Liability (HCPL) insures healthcare providers and facilities, including E&S coverages
- The Small Business Unit insures podiatrists, chiropractors, dentists, and lawyers
- Medmarc insures medical technology and life sciences companies that manufacture or distribute products

Eastern Alliance Workers' Compensation

- Specialty underwriter of workers' compensation products and services
- Focused in the East, South, and Midwest regions of the United States
- Guaranteed cost, policyholder dividend, retro-rated, deductible, and alternative solutions policies available

Inova Re/Eastern Re SPC Reinsurance

- Segregated Portfolio Company structure
- Workers' compensation and healthcare professional liability coverage in a Cayman-based captive
- Industries include healthcare, forestry, staffing, construction, petroleum, marine and recreation, and social services

Lloyd's Syndicates

- The results from our participation in Lloyd's of London Syndicates. Participation has been reduced to 5% of one syndicate (1729) in the past two years.

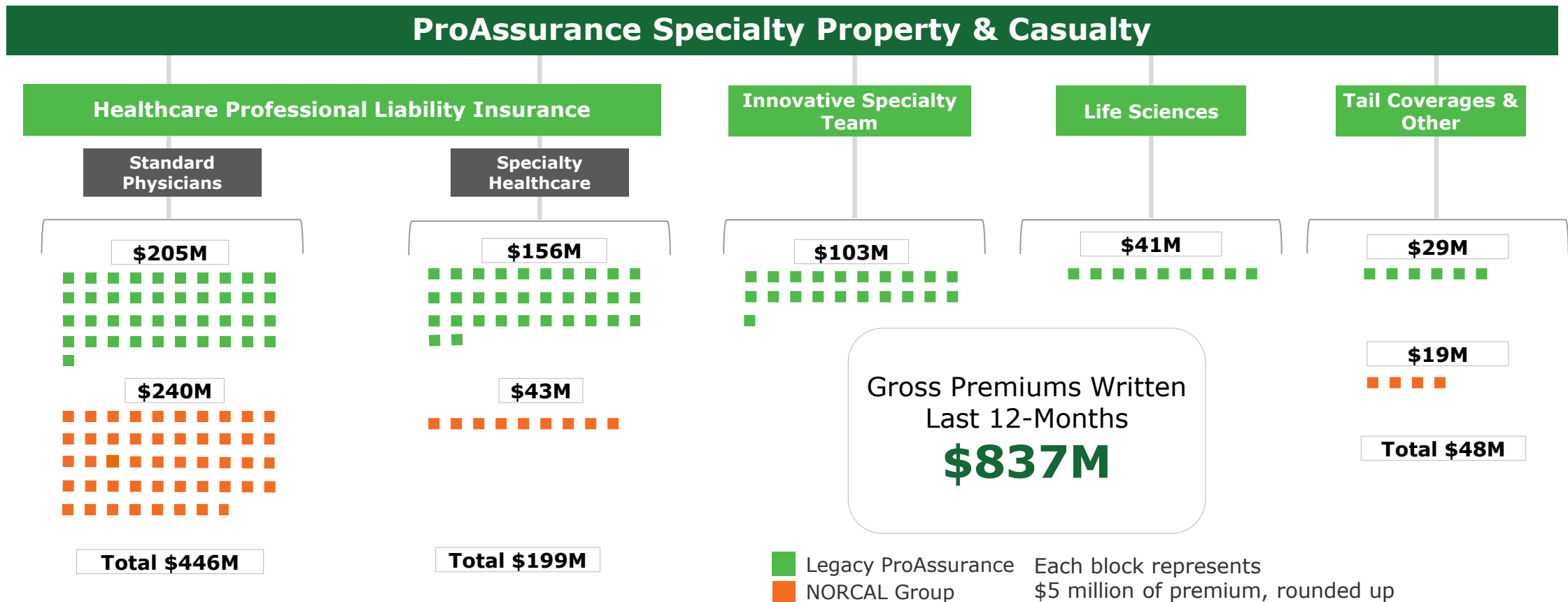
ProAssurance Corporate

- Reports our investment results, interest expense, and U.S. income taxes
- Includes corporate expenses and includes non-premium revenues generated outside of our insurance entities
- Company-wide administrative departments reside in ProAssurance Corporate

Specialty Property & Casualty



- Deep **expertise** and broad product spectrum in healthcare and related sciences
- Consolidation in HCPL → demand for **comprehensive insurance solutions**
- Innovative Specialty Team (Small Business Unit) → deliver products and services efficiently to the **small business healthcare community** and related businesses



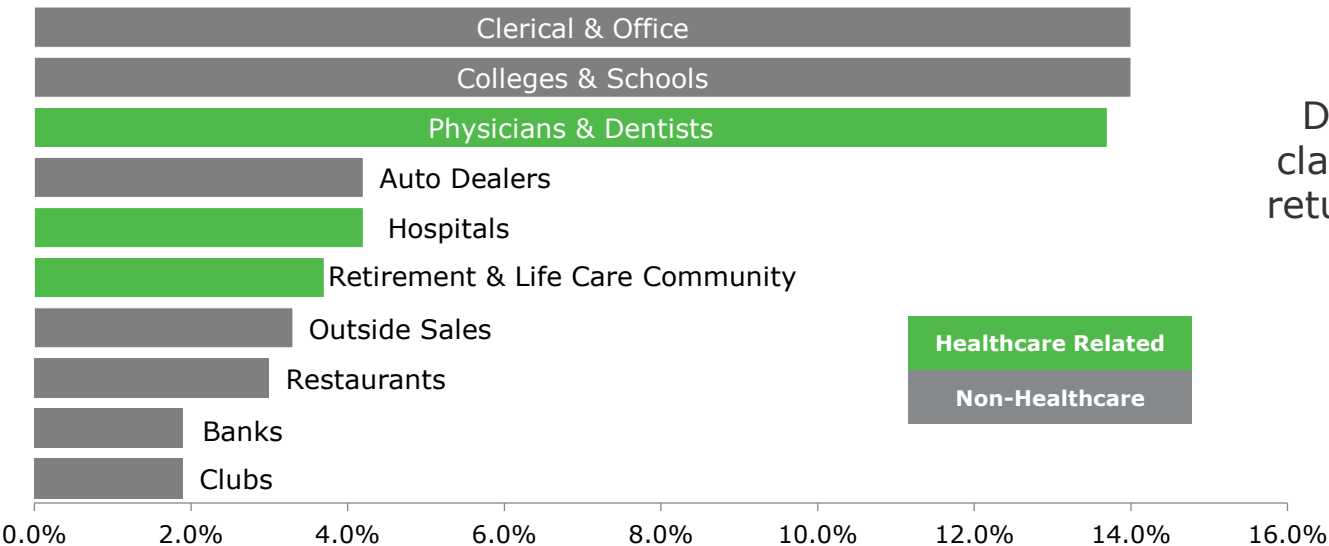
Workers' Compensation Insurance



Disciplined individual account underwriting with focus on rate adequacy in rural territories

- Guaranteed Cost Policies
- Loss-Sensitive Dividend Plans
- Deductible Plans
- Retrospective Rating Plans
- ParallelPay–“Pay as you Go”
- Specialty Risk (high hazard)
- Claims Administration and Risk Management

Top 10 Classes of Business by Payroll Exposure
(Traditional Business*)
as of 12/31/2022



- Wide **diversification** – over 600 class codes and 32 market segments, primarily in rural territories
- Opportunity for **organic growth** outside of Pennsylvania and Indiana
- Proactive claim-closing strategies key to being recognized as a **short-tail writer** of workers' compensation
 - Between 2011 and 2020, averaged approximately 38% faster claims closure rate than industry
 - No claims open from 2004 and earlier, net of reinsurance, and 27 net claims open from 2014 and prior
 - Pharmacy spend as a percent of medical payments of 3.6% compared to the industry average of 14%
- Value-added risk management services and claims/underwriting expertise cement **brand loyalty**



Dedicated to effective claims management and returning injured workers to wellness

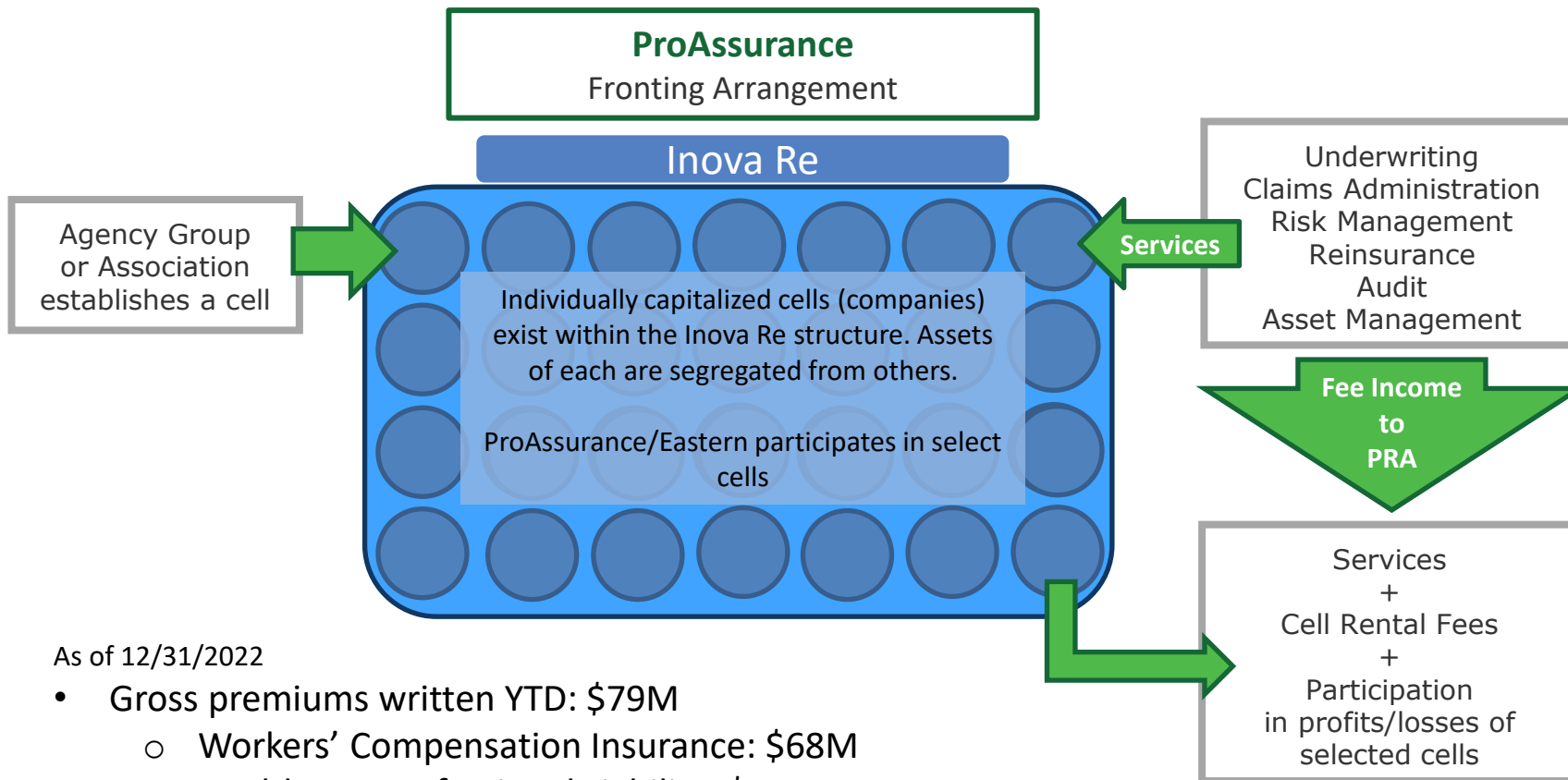


*Excludes alternative markets business ceded to the Segregated Portfolio Cell Reinsurance segment

Segregated Portfolio Cell Reinsurance



- HCPL and workers' compensation **captive insurance solutions** through Inova Re (Cayman Islands)
- SPCs are a **high ROE product** with favorable retention results
- Low capital requirement



As of 12/31/2022

- Gross premiums written YTD: \$79M
 - Workers' Compensation Insurance: \$68M
 - Healthcare Professional Liability: \$11M
- 25 active cells



- Strategic partnerships with select independent agencies looking to manage controllable expenses
- Alternative market solutions are in high demand
- Value-added risk management services and claims/underwriting expertise

Financial Ratings & Balance Sheet Highlights



- ProAssurance is recognized for our **financial strength** by top rating agencies
- We maintain a balance sheet that ensures **stability and security** for our customers
- Our **conservative reserving philosophy** enables success over the insurance cycles

Rating Agency	Financial Strength Rating	Date
AM Best	"A" ¹	4/26/2022
Fitch	"A-" ²	10/20/2022
Moody's	"A3"	7/22/2022

Balance Sheet Highlights 12/31/2022	
Total Assets	\$5,699,999
Total Investments	\$4,387,683
Net Loss Reserves	\$3,471,147
Total Debt (less Issuance Costs)	\$426,983
Shareholders' Equity	\$1,104,018
Book Value per Share	\$20.46

\$ in thousands, except per share data

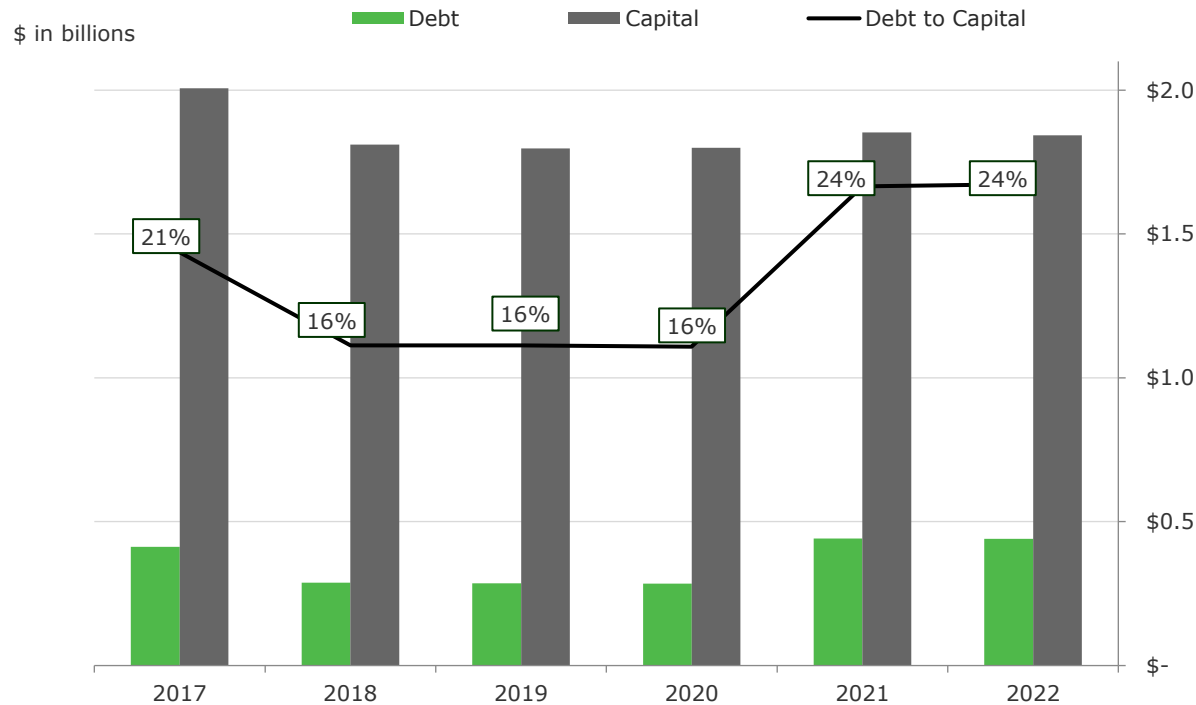
¹ ProAssurance Group only – AM Best assigns a rating of "A-" (excellent) to NORCAL Group

² Excludes NORCAL Group, which has not yet been rated by Fitch

All financial rating information is available on our website: <https://investor.proassurance.com/financial-information/financial-ratings/default.aspx>

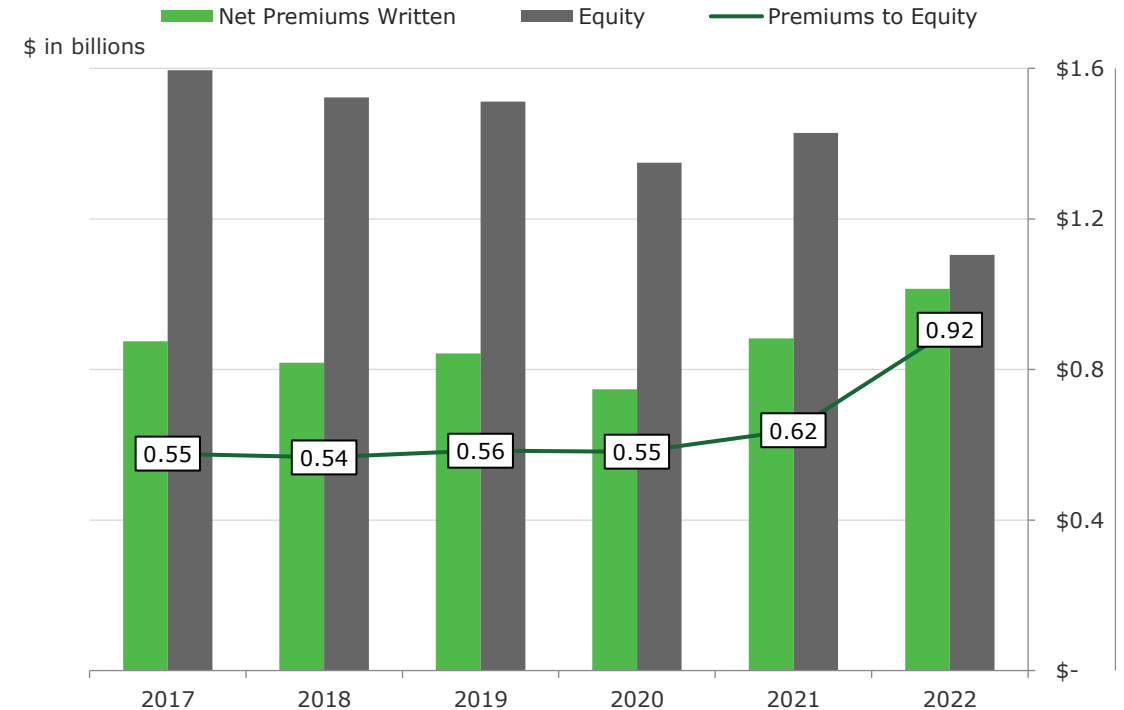
ProAssurance Leverage Update

Financial Leverage – Debt to Capital



- \$428M total debt principal (\$427M less issuance costs) at 12/31/2022
 - \$178M of Contribution Certificates from NORCAL acquisition
 - \$250M 5.3% 10-year notes due 11/15/2023
- \$250M revolving credit facility, \$50 million "accordion" option, no outstanding borrowing

Operating Leverage – Premiums to Equity



Targeted Premium to Equity ratio is 0.75:1

Success in Competitive Markets



A Foundation in Excellence

Superior brand identity and reputation in the market



Specialization

- Deep expertise and commitment to our customers throughout the insurance cycles enable us to outperform our peers over time

Experienced & Collaborative Leadership

- Average executive leadership tenure of 20 years with PRA or subsidiaries

History of Successful M&A

- Selective M&A with best-in-class partners, and nearly 20 transactions in our 46 year history

Scope & Scale

- Regional hubs combined with local knowledge of market dynamics and regulatory environments



“From our earliest days, we have operated with a strategy both responsive to near-term challenges and proactive to long-term opportunity.”

*-Ned Rand
President & CEO*

Executing our Strategy

Enterprise-Wide

- Safely and successfully re-opened offices after 2 years of primarily remote work
- AM Best and Fitch ratings moved to Stable outlook in 2022

Specialty Property & Casualty

- Achieved renewal rate increases of 10% for Specialty Healthcare and 7% for Standard Physicians
- Further integrated NORCAL business into legacy operations
- Improved retention in the Specialty P&C segment

Workers' Compensation Insurance

- Reduced combined ratio by 1.6 points for the year
- Closed 62% of 2021 and prior claims during 2022

Corporate Segment

- Increased investment income by over \$25 million for the year
- Streamlined corporate structure by eliminating or merging 5 entities throughout the year

Appendix



Income Statement Highlights (12/31/22)



	Three Months Ended		Year Ended	
	December 31			
	2022	2021	2022	2021
Gross Premiums Written	\$ 224.5	\$ 218.1	\$ 1,104.0	\$ 960.0
Net Premiums Earned	\$ 258.2	\$ 273.1	\$ 1,029.6	\$ 971.7
Net Investment Result	\$ 27.8	\$ 33.8	\$ 100.9	\$ 119.5
Net Investment Gains (Losses)	\$ 12.5	\$ 4.1	\$ (33.2)	\$ 24.3
Total Revenues	\$ 294.7	\$ 313.1	\$ 1,106.7	\$ 1,124.4
Net Losses and Loss Adjustment Expenses	\$ 191.6	\$ 197.2	\$ 776.8	\$ 752.2
Underwriting, Policy Acquisition & Operating Expenses	\$ 77.6	\$ 67.8	\$ 307.3	\$ 268.2
Gain on bargain purchase	\$ —	\$ —	\$ —	\$ 74.4
Net Income (Loss) (Includes Realized Investment Gains & Losses)	\$ 13.9	\$ 32.1	\$ (0.4)	\$ 144.1
Non-GAAP Operating Income (Loss)	\$ 3.5	\$ 33.4	\$ 24.5	\$ 75.9
Non-GAAP Operating Income (Loss) per Diluted Share	\$ 0.06	\$ 0.62	\$ 0.45	\$ 1.40

In millions, except per share data | Subject to rounding

Specialty P&C Financial Highlights (12/31/22)



	Three Months Ended		Year Ended	
	December 31			
	2022	2021	2022	2021
Gross Premiums Written	\$ 173.2	\$ 166.1	\$ 836.6	\$ 681.5
Net Premiums Earned	\$ 195.5	\$ 207.0	\$ 769.8	\$ 695.0
Total Revenues	\$ 196.7	\$ 207.6	\$ 774.8	\$ 698.4
Net Losses & Loss Adjustment Expenses	\$ (152.6)	\$ (157.3)	\$ (609.9)	\$ (575.2)
Underwriting, Policy Acquisition & Operating Expenses	\$ (50.1)	\$ (36.3)	\$ (192.4)	\$ (127.7)
Segment Results	\$ (6.0)	\$ 14.0	\$ (27.5)	\$ (4.5)
Current Accident Year Net Loss Ratio	79.6 %	82.2 %	83.1 %	87.5 %
Effect of Prior Accident Year Reserve Development	(1.5%)	(6.2%)	(3.9%)	(4.7%)
Net Loss Ratio	78.1 %	76.0 %	79.2 %	82.8 %
Underwriting Expense Ratio	25.6 %	17.6 %	25.0 %	18.4 %
Combined Ratio	103.7 %	93.6 %	104.2 %	101.2 %

In millions, except ratios | Subject to rounding

Workers' Compensation Insurance Financial Highlights (12/31/22)



	Three Months Ended		Year Ended	
	December 31			
	2022	2021	2022	2021
Gross Premiums Written	\$ 47.8	\$ 45.8	\$ 247.1	\$ 240.5
Net Premiums Earned	\$ 41.9	\$ 41.7	\$ 166.4	\$ 164.6
Total Revenues	\$ 42.4	\$ 42.2	\$ 168.6	\$ 166.8
Net Losses & Loss Adjustment Expenses	\$ (28.1)	\$ (29.4)	\$ (111.4)	\$ (114.7)
Underwriting, Policy Acquisition & Operating Expenses	\$ (13.9)	\$ (13.9)	\$ (54.7)	\$ (52.4)
Segment Results	\$ 0.3	\$ (1.1)	\$ 2.4	\$ (0.3)
Current Accident Year Net Loss Ratio	71.8 %	74.0 %	71.8 %	74.0 %
Effect of Prior Accident Year Reserve Development	(4.8%)	(3.6%)	(4.8%)	(4.3%)
Net Loss Ratio	67.0 %	70.4 %	67.0 %	69.7 %
Underwriting Expense Ratio	33.2 %	33.3 %	32.9 %	31.8 %
Combined Ratio	100.2 %	103.7 %	99.9 %	101.5 %

In millions, except ratios | Subject to rounding

Segregated Portfolio Cell Reinsurance Financial Highlights (12/31/22)



	Three Months Ended		Year Ended	
	December 31			
	2022	2021	2022	2021
Gross Premiums Written	\$ 16,055	\$ 15,395	\$ 78,937	\$ 71,850
Net Premiums Earned	\$ 16,463	\$ 16,188	\$ 69,810	\$ 63,688
Net Investment Income	\$ 412	\$ 194	\$ 1,029	\$ 814
Net Gains (Losses)	\$ 1,159	\$ 1,308	\$ (3,067)	\$ 4,080
Other Income (Loss)	\$ 1	\$ —	\$ 2	\$ 3
Net Losses & Loss Adjustment Expenses	\$ (7,141)	\$ (6,009)	\$ (39,310)	\$ (32,569)
Underwriting, Policy Acquisition & Operating Expenses	\$ (5,114)	\$ (6,556)	\$ (20,316)	\$ (21,635)
SPC U.S. Federal Income Tax Expense	\$ (335)	\$ (656)	\$ (1,759)	\$ (1,947)
SPC Net Results	\$ 5,445	\$ 4,469	\$ 6,389	\$ 12,434
Segregated Portfolio Cell Dividend (Expense)/Income	\$ (4,976)	\$ (4,124)	\$ (6,673)	\$ (10,050)
Segment Results	\$ 469	\$ 345	\$ (284)	\$ 2,384
Current Accident Year Net Loss Ratio	58.2 %	69.5 %	65.3 %	67.1 %
Effect of Prior Accident Year Reserve Development	(14.8%)	(32.4%)	(9.0%)	(16.0%)
Net Loss Ratio	43.4 %	37.1 %	56.3 %	51.1 %
Underwriting Expense Ratio	31.1 %	40.5 %	29.1 %	34.0 %
Combined Ratio	74.5 %	77.6 %	85.4 %	85.1 %

In thousands, except ratios | Subject to rounding

Lloyd's Segment Financial Highlights (12/31/22)



	Three Months Ended		Year Ended	
	December 31			
	2022	2021	2022	2021
Gross Premiums Written	\$ 3.5	\$ 6.3	\$ 20.2	\$ 38.0
Net Premiums Earned	\$ 4.4	\$ 8.1	\$ 23.6	\$ 48.4
Total Revenues	\$ 4.2	\$ 8.7	\$ 23.3	\$ 51.5
Net Losses & Loss Adjustment Expenses	\$ (3.8)	\$ (4.6)	\$ (16.1)	\$ (29.8)
Underwriting, Policy Acquisition & Operating Expenses	\$ (1.3)	\$ (2.7)	\$ (7.4)	\$ (18.0)
Segment Results	\$ (0.9)	\$ 1.4	\$ (0.2)	\$ 3.7
Current Accident Year Net Loss Ratio	35.0 %	38.7 %	37.2 %	51.9 %
Effect of Prior Accident Year Reserve Development	51.1 %	17.5 %	31.1 %	9.7 %
Net Loss Ratio	86.1 %	56.2 %	68.3 %	61.6 %
Underwriting Expense Ratio	30.3 %	33.7 %	31.4 %	37.1 %
Combined Ratio	116.4 %	89.9 %	99.7 %	98.7 %

In millions, except ratios | Subject to rounding

Corporate Segment Financial Highlights (12/31/22)



	Three Months Ended		Year Ended	
	December 31			
	2022	2021	2022	2021
Net investment income	\$ 28.3	\$ 18.3	\$ 94.4	\$ 67.7
Equity in earnings (loss) of unconsolidated subsidiaries	\$ (1.1)	\$ 15.0	\$ 4.9	\$ 49.0
Net investment gains (losses)	\$ 2.3	\$ 2.5	\$ (38.1)	\$ 20.0
Other income	\$ (4.2)	\$ 1.7	\$ 6.2	\$ 5.5
Operating expenses	\$ 8.1	\$ 7.6	\$ 34.7	\$ 26.6
Interest expense	\$ 5.5	\$ 5.5	\$ 20.4	\$ 19.7
Income tax expense / (benefit)	\$ 0.8	\$ 3.3	\$ (5.4)	\$ 4.7
Segment results	\$ 11.0	\$ 21.3	\$ 17.7	\$ 91.2

In millions | Subject to rounding

YTD 2022 Net Investment Result and Equity Rollforward



2022	
Beginning Equity	\$1,428,387
Employee Stock Transactions	4,979
Earnings	(402)
Dividends	(10,803)
Treasury Stock	(3,252)
Unrealized G/L	(314,891)
Total Equity	\$1,104,018

Data shown in thousands

(\$ in millions)	12/31/2022	12/31/2021	Change
Net Investment Income			
Fixed maturities	\$ 93,736	\$ 74,437	\$ 19,299
Equities	3,706	2,539	1,167
Short-term investments including Other	5,681	1,969	3,712
BOLI	1,141	2,698	(1,557)
Investment fees and expenses	(8,292)	(11,121)	2,829
Net investment income	95,972	70,522	25,450
Equity in Earnings (Loss) of Unconsolidated Subsidiaries			
All other investments, primarily investment fund LPs/LLCs	11,954	64,031	(52,077)
Tax credit partnerships	(7,066)	(15,057)	7,991
Equity in earnings (loss)	4,888	48,974	(44,086)
Net investment result	\$ 100,860	\$ 119,496	\$ (18,636)

Lloyd's of London Syndicates

- Invest alongside **a recognized leader** in Duncan Dale
- Lloyd's provides **universal distribution and licensures**
- Westernization of international healthcare professional liability provides **opportunities in new markets**

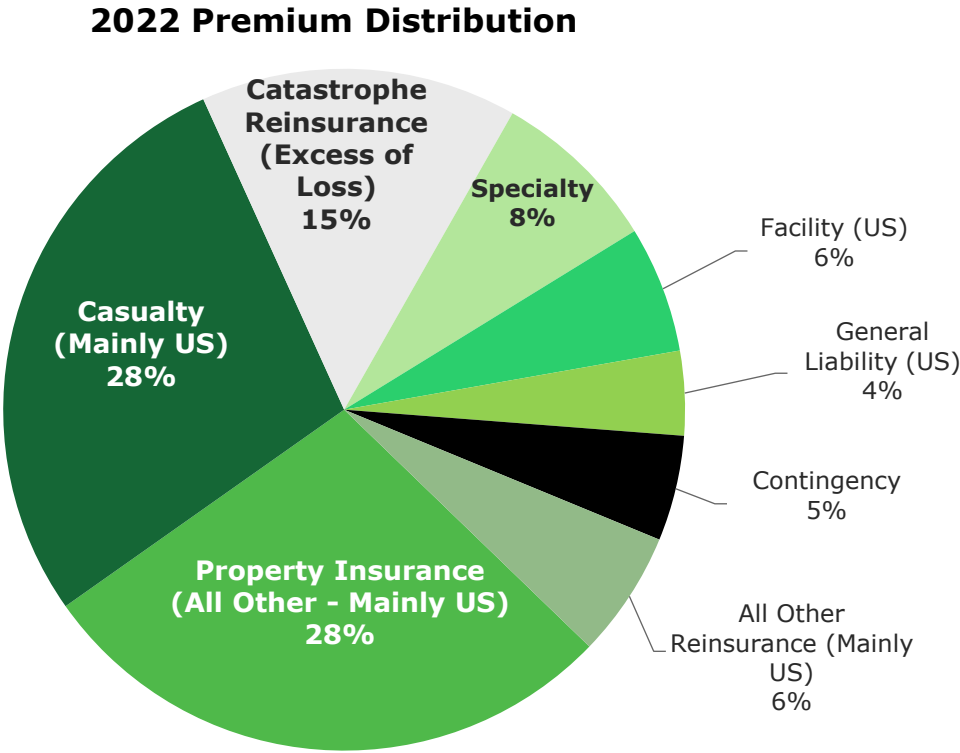
ProAssurance Funds at Lloyd's (FAL)
\$24.8 Million ¹



Dale Underwriting Partners
Independent, Owner-Managed Syndicate at Lloyd's



Syndicate	1729	6131 ²
PRA Participation	5%	N/A
PRA share of 2022 Underwriting Capacity	\$13M	N/A



Subject to rounding

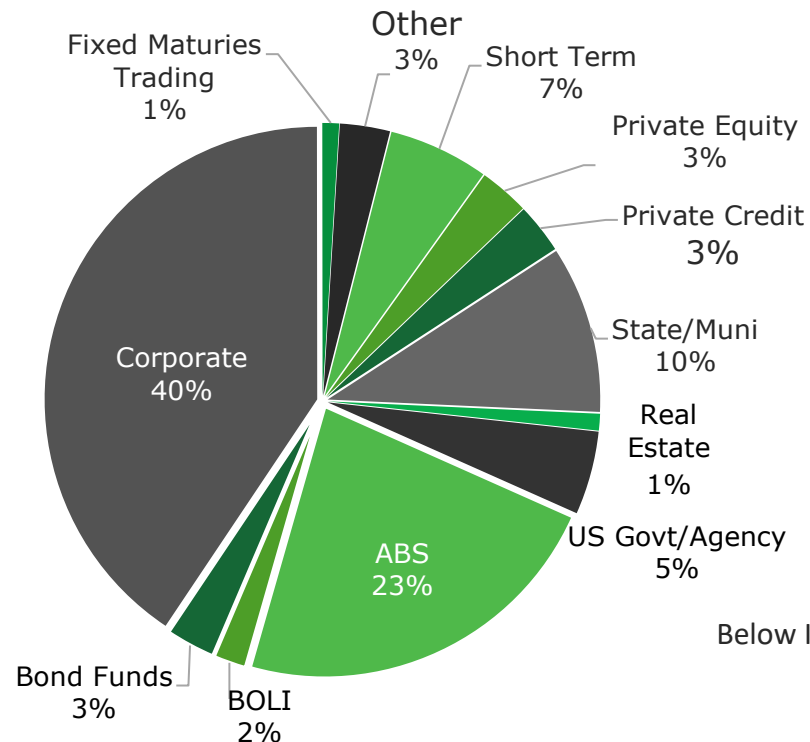
Premium percentages reflect 100% of the Syndicates' premiums written, and not solely ProAssurance's participation.

¹ Comprised of investment securities, cash, and cash equivalents deposited with Lloyd's as of 12/31/2022.

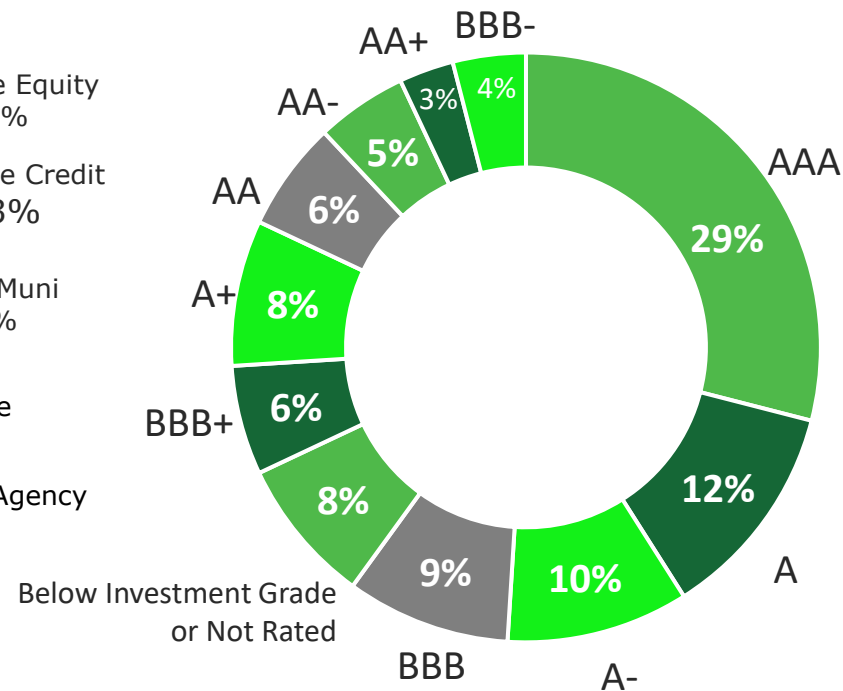
² For the 2022 underwriting year, and effective January 1, 2022, Syndicate 6131 ceased underwriting on a quota share basis with Syndicate 1729. Its business will be retained within Syndicate 1729. Due to the quarter lag, this was first reflected in our results in Q2 2022.

Investment Philosophy & Portfolio

Total Investments \$4.39 Billion



Fixed Maturity Credit Quality



Commentary

- Effective stewardship of capital ensures a position of financial strength through turbulent market cycles
- Optimizing our allocations for better risk-adjusted returns. Ensures non-correlation of returns
- Ongoing analysis of holdings to ensure lasting quality and profitability

Portfolio Statistics

	4Q22	4Q21
Avg Income Yield	2.5%	2.3%
Wtd Avg Duration	3.27	3.51

Combined Tax Credits Portfolio Detail & Projections

This column represents our current estimated schedule of tax credits that we expect to receive from our tax credit partnerships. The actual amounts of credits provided by the tax credit partnerships may prove to be different than our estimates. These tax credits are included in our Tax Expense (Benefit) on our Income Statement (below the line) and result in a Tax Receivable (or a reduction to a Tax Liability) on our Balance Sheet.

Year	Capital Contributions	GAAP Income/(Loss) from Operations, Disposition & Impairment	Total Credits	Tax Provision after Impairment	Impact on Earnings
2023	\$ 51,338	(3,315,731)	(371,517)	(1,067,819)	(2,247,913)
2024	\$ 51,338	(1,589,628)	(38,350)	(372,171)	(1,217,457)
2025	\$ 41,159	(766,868)	(21,466)	(182,508)	(584,360)
2026	\$ 25,734	(172,836)	(2,684)	(38,980)	(133,857)
2027	\$ -	(635,790)	7	(133,508)	(502,282)
2028	\$ -	-	-	-	-

IMPORTANT SAFE HARBOR & NON-GAAP NOTICES

Forward Looking Statements

This presentation contains Forward Looking Statements and other information designed to convey our projections and expectations regarding future results.

There are a number of factors which could cause our actual results to vary materially from those projected in this presentation. The principal risk factors that may cause these differences are described in various documents we file with the Securities and Exchange Commission, such as our Current Reports on Form 8-K, and our regular reports on Forms 10-Q and 10-K, particularly in "Item 1A, Risk Factors." Please review this presentation in conjunction with a thorough reading and understanding of these risk factors.

Non-GAAP Measures

This presentation contains Non-GAAP measures, and we may reference Non-GAAP measures in our remarks and discussions with investors.

The primary Non-GAAP measure we reference is Non-GAAP operating income (loss), a Non-GAAP financial measure that is widely used to evaluate performance within the insurance sector. In calculating Non-GAAP operating income (loss), we have excluded the after-tax effects of net realized investment gains or losses and guaranty fund assessments or recoupments that do not reflect normal operating results. We believe Non-GAAP operating income presents a useful view of the performance of our insurance operations, but should be considered in conjunction with net income (loss) computed in accordance with GAAP. A reconciliation of these measures to GAAP measures is available in our regular reports on Forms 10-Q and 10-K and in our latest quarterly news release, all of which are available in the Investor Relations section of our website, Investor.ProAssurance.com.



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