

The
Hanover
Insurance Group®

FINANCIAL SUPPLEMENT
SECOND QUARTER 2024

THE HANOVER INSURANCE GROUP
FINANCIAL SUPPLEMENT

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THE HANOVER INSURANCE GROUP
BASIS OF PRESENTATION

SEGMENT DESCRIPTIONS

CORE COMMERCIAL

Sub-segment	Customer and business type	Primary lines of business
Small Commercial	Coverage to small businesses, with annual premiums of \$50,000 or less; Products are tailored to specific industry segments as needed.	<ul style="list-style-type: none"> ● Business owners' policy/commercial multiple peril ● Commercial automobile ● Workers' compensation ● Other (general liability, commercial umbrella, monoline property)
Middle Market	Coverage to mid-sized businesses with annual premiums starting at \$50,000, focusing on those between \$50,000 and \$250,000. Products are tailored to certain specific industry segments, including technology, manufacturing, human services, retail, real estate, among others.	<ul style="list-style-type: none"> ● Commercial multiple peril ● Commercial automobile ● Workers' compensation ● Other (general liability, commercial umbrella, monoline property)

SPECIALTY

Sub-segment	Customer and business type	Primary lines of business
Professional and Executive Lines	Coverage to small to mid-sized non-public companies, including lawyer, engineer, accountant, and various other professional and advisory firms including healthcare; provide protection for directors, officers and employees against actual or alleged errors, negligence or bad faith, employment practices.	<ul style="list-style-type: none"> ● Professional liability ● Management liability ● Fidelity and crime ● Other property and liability lines for healthcare firms
Specialty Property & Casualty	Program business - coverage to markets with specialty or risk management needs related to groups of similar businesses; Hanover Specialty Industrial (HSI) - coverage to small and medium chemical, paint, solvent and other manufacturers and distributors; Excess & Surplus - non-admitted general liability and property coverage to risks outside of the appetite of standard commercial lines; Specialty General Liability - admitted coverage for higher-hazard liability risks	<ul style="list-style-type: none"> ● Commercial multiple peril ● Commercial automobile ● Workers' compensation ● Other (general liability, commercial umbrella, monoline property)
Marine	Includes coverage for inland and ocean marine, and insures against physical losses to property, such as contractor's equipment, builders' risk and goods in transit. Also covers jewelers block, fine art and other valuables.	<ul style="list-style-type: none"> ● Inland/ocean marine ● Ancillary lines of business written through marine agents
Surety and Other	Provides coverage for construction and other firms, as well as sole proprietors in the event of claims for non-performance or non-payment, and commercial surety coverage related to fiduciary or regulatory obligations.	<ul style="list-style-type: none"> ● Bond

PERSONAL LINES

Sub-segment	Customer and business type	Primary lines of business
Personal Automobile	Includes coverage for individuals against losses incurred from personal bodily injury, bodily injury to third parties, property damage to an insured's vehicle, and property damage to other vehicles and other property.	<ul style="list-style-type: none"> ● Personal automobile
Homeowners and Other	Includes coverage for individuals for losses to their residences and personal property, such as those caused by fire, wind, hail, water damage (excluding flood), theft and vandalism, and against third-party liability claims.	<ul style="list-style-type: none"> ● Homeowners ● Personal umbrella ● Inland Marine (jewelry, art, etc.) ● Other (fire, personal watercraft, other miscellaneous)

OTHER

Included in Other is Opus Investment Management, Inc. ("Opus"), which provided investment management services to The Hanover Insurance Group, Inc. and its subsidiaries ("THG"), as well as institutions, pension funds, and other organizations. During the second quarter of 2024, we exited substantially all of Opus' business operations serving unaffiliated entities. Investment management services provided by Opus to THG related to its investment-grade fixed maturities portfolio were also transferred to an external manager. The Other segment also includes earnings on holding company assets; holding company and other expenses, including certain costs associated with retirement benefits due to our former life insurance employees and agents; and our run-off voluntary assumed property and casualty pools, run-off direct asbestos and environmental, and our product liability businesses.

THE HANOVER INSURANCE GROUP
FINANCIAL HIGHLIGHTS

(In millions, except earnings per share)	Q1 2023 (1)	Q2 2023 (2)	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023 (2)	Jun-YTD 2024
PREMIUMS								
Gross premiums written	\$ 1,577.3	\$ 1,589.9	\$ 1,763.3	\$ 1,502.4	\$ 1,625.8	\$ 1,679.3	\$ 3,167.2	\$ 3,305.1
Net premiums written	1,421.5	1,446.8	1,596.4	1,345.5	1,454.0	1,521.1	2,868.3	2,975.1
Net premiums earned	1,380.0	1,411.7	1,431.1	1,440.3	1,448.6	1,473.2	2,791.7	2,921.8
EARNINGS								
Operating income (loss) before interest and taxes	\$ 13.2	\$ (79.4)	\$ 13.7	\$ 158.1	\$ 149.7	\$ 95.4	\$ (66.2)	\$ 245.1
Operating income (loss) after taxes	4.6	(68.3)	6.8	113.1	111.9	68.1	(63.7)	180.0
Income (loss) from continuing operations	(12.0)	(70.0)	8.2	107.3	115.5	40.4	(82.0)	155.9
Net income (loss)	(12.0)	(69.2)	8.6	107.9	115.5	40.5	(81.2)	156.0
PER SHARE DATA (DILUTED)								
Operating income (loss) after taxes	\$ 0.13	\$ (1.91)	\$ 0.19	\$ 3.13	\$ 3.08	\$ 1.88	\$ (1.78)	\$ 4.96
Income (loss) from continuing operations	(0.34)	(1.96)	0.23	2.97	3.18	1.11	(2.30)	4.30
Net income (loss)	(0.34)	(1.94)	0.24	2.98	3.18	1.12	(2.27)	4.30
Dilutive weighted average shares outstanding	36.1	36.0	36.1	36.2	36.3	36.3	36.1	36.3
Basic weighted average shares outstanding	35.6	35.7	35.8	35.8	35.8	36.0	35.7	35.9

BALANCE SHEET

(In millions, except per share data)	March 31 2023	June 30 2023	September 30 2023	December 31 2023	March 31 2024	June 30 2024
Total assets	\$ 14,091.7	\$ 14,186.7	\$ 14,315.0	\$ 14,612.6	\$ 14,594.1	\$ 14,872.2
Total loss and loss adjustment expense reserves	7,143.4	7,313.3	7,329.8	7,308.1	7,331.1	7,463.1
Total shareholders' equity	2,389.0	2,237.9	2,116.3	2,465.6	2,522.7	2,552.2
Total shareholders' equity, excluding net unrealized appreciation (depreciation) on fixed maturity investments, net of tax	2,934.2	2,847.9	2,837.2	2,928.0	3,018.2	3,040.9
Property and Casualty Companies						
Statutory surplus	\$ 2,674.5	\$ 2,508.3	\$ 2,501.9	\$ 2,642.7	\$ 2,762.3	\$ 2,810.2
Premium to surplus ratio	2.09:1	2.27:1	2.31:1	2.20:1	2.12:1	2.11:1
Book value per share	\$ 66.89	\$ 62.62	\$ 59.21	\$ 68.93	\$ 70.22	\$ 70.96
Book value per share, excluding net unrealized appreciation (depreciation) on fixed maturity investments, net of tax	\$ 82.16	\$ 79.68	\$ 79.38	\$ 81.86	\$ 84.01	\$ 84.56
Tangible book value per share (total book value excluding goodwill and intangibles)	\$ 61.44	\$ 57.17	\$ 53.76	\$ 63.49	\$ 64.80	\$ 65.55
Shares outstanding	35.7	35.8	35.8	35.8	35.9	36.0
Total debt/equity	32.8 %	35.0 %	37.0 %	31.8 %	31.1 %	30.7 %
Total debt/total capital	24.7 %	25.9 %	27.0 %	24.1 %	23.7 %	23.5 %

(1) Operating income metrics are calculated using diluted shares outstanding; loss from continuing operations, net of taxes and net loss metrics are calculated using basic shares outstanding due to antidilution.

(2) Per share data is calculated using basic shares outstanding due to antidilution.

THE HANOVER INSURANCE GROUP

CONSOLIDATED INCOME (LOSS) STATEMENTS

(In millions)	Three Months ended June 30			Six Months ended June 30		
	2024	2023	% Change	2024	2023	% Change
Premiums earned	\$ 1,473.2	\$ 1,411.7	4.4	\$ 2,921.8	\$ 2,791.7	4.7
Net investment income	90.4	87.6	3.2	180.1	166.3	8.3
Net realized and unrealized investment gains (losses):						
Net realized gains (losses) from sales and other	(30.4)	0.1	N/M	(31.7)	(1.0)	N/M
Net change in fair value of equity securities	1.1	(1.1)	N/M	7.6	(8.2)	N/M
Impairments on investments:						
Credit-related impairments	(3.5)	(1.7)	N/M	(3.2)	(6.2)	(48.4)
Losses on intent to sell securities	(1.7)	-	N/M	(1.7)	(10.3)	(83.5)
	<u>(5.2)</u>	<u>(1.7)</u>	<u>N/M</u>	<u>(4.9)</u>	<u>(16.5)</u>	<u>(70.3)</u>
Total net realized and unrealized investment losses	(34.5)	(2.7)	N/M	(29.0)	(25.7)	12.8
Fees and other income	7.6	7.8	(2.6)	14.9	15.8	(5.7)
Total revenues	<u>1,536.7</u>	<u>1,504.4</u>	<u>2.1</u>	<u>3,087.8</u>	<u>2,948.1</u>	<u>4.7</u>
LOSSES AND EXPENSES						
Losses and loss adjustment expenses	1,007.6	1,139.9	(11.6)	1,942.8	2,157.3	(9.9)
Amortization of deferred acquisition costs	303.5	292.7	3.7	602.5	581.5	3.6
Interest expense	8.6	8.6	-	17.1	17.1	-
Other operating expenses	165.7	153.9	7.7	328.8	300.4	9.5
Total losses and expenses	<u>1,485.4</u>	<u>1,595.1</u>	<u>(6.9)</u>	<u>2,891.2</u>	<u>3,056.3</u>	<u>(5.4)</u>
Income (loss) before income taxes	51.3	(90.7)	N/M	196.6	(108.2)	N/M
Income tax expense (benefit)	10.9	(20.7)	N/M	40.7	(26.2)	N/M
Income (loss) from continuing operations	<u>40.4</u>	<u>(70.0)</u>	<u>N/M</u>	<u>155.9</u>	<u>(82.0)</u>	<u>N/M</u>
Discontinued operations (net of taxes):						
Income from discontinued life businesses	0.1	-	N/M	0.1	-	N/M
Income from discontinued Chaucer business	-	0.8	N/M	-	0.8	N/M
Net income (loss)	<u>\$ 40.5</u>	<u>\$ (69.2)</u>	<u>N/M</u>	<u>\$ 156.0</u>	<u>\$ (81.2)</u>	<u>N/M</u>

THE HANOVER INSURANCE GROUP

CONSOLIDATED BALANCE SHEETS

(In millions, except per share data)	June 30 2024	December 31 2023	% Change
ASSETS			
Investments:			
Fixed maturities, at fair value (amortized cost of \$8,680.0 and \$8,573.9)	\$ 8,059.1	\$ 7,985.3	0.9
Equity securities, at fair value	138.5	130.9	5.8
Other investments	785.8	796.9	(1.4)
Total investments	<u>8,983.4</u>	<u>8,913.1</u>	<u>0.8</u>
Cash and cash equivalents	337.6	316.1	6.8
Accrued investment income	62.3	58.2	7.0
Premiums and accounts receivable, net	1,813.7	1,705.6	6.3
Reinsurance recoverable on paid and unpaid losses and unearned premiums	2,037.5	2,056.1	(0.9)
Deferred acquisition costs	634.7	620.8	2.2
Deferred income tax asset	183.8	173.3	6.1
Goodwill	178.8	178.8	-
Other assets	556.1	504.0	10.3
Assets of discontinued businesses	84.3	86.6	(2.7)
Total assets	<u>\$ 14,872.2</u>	<u>\$ 14,612.6</u>	<u>1.8</u>
LIABILITIES AND SHAREHOLDERS' EQUITY			
LIABILITIES			
Loss and loss adjustment expense reserves	\$ 7,463.1	\$ 7,308.1	2.1
Unearned premiums	3,168.4	3,102.5	2.1
Expenses and taxes payable	735.2	775.9	(5.2)
Reinsurance premiums payable	59.2	64.3	(7.9)
Debt	783.7	783.2	0.1
Liabilities of discontinued businesses	110.4	113.0	(2.3)
Total liabilities	<u>12,320.0</u>	<u>12,147.0</u>	<u>1.4</u>
SHAREHOLDERS' EQUITY			
Preferred stock, par value \$0.01 per share; 20.0 million shares authorized; none issued	-	-	-
Common stock, par value \$0.01 per share; 300.0 million shares authorized; 60.5 million shares issued	0.6	0.6	-
Additional paid-in capital	1,951.9	1,939.2	0.7
Accumulated other comprehensive loss	(540.8)	(517.2)	4.6
Retained earnings	3,003.4	2,909.4	3.2
Treasury stock at cost (24.5 million and 24.7 million shares)	(1,862.9)	(1,866.4)	(0.2)
Total shareholders' equity	<u>2,552.2</u>	<u>2,465.6</u>	<u>3.5</u>
Total liabilities and shareholders' equity	<u>\$ 14,872.2</u>	<u>\$ 14,612.6</u>	<u>1.8</u>

THE HANOVER INSURANCE GROUP

**GAAP UNDERWRITING AND OPERATING INCOME (LOSS) INFORMATION AND RATIOS
CONSOLIDATED**

Three Months ended June 30

(In millions, except percentage data)	2024					2023				
	Core Commercial	Specialty	Personal Lines	Other	Total	Core Commercial	Specialty	Personal Lines	Other	Total
Gross premiums written	\$ 587.0	\$ 409.8	\$ 682.5	\$ -	\$ 1,679.3	\$ 553.8	\$ 381.5	\$ 654.6	\$ -	\$ 1,589.9
Net premiums written	\$ 513.4	\$ 352.1	\$ 655.6	\$ -	\$ 1,521.1	\$ 486.8	\$ 325.4	\$ 634.6	\$ -	\$ 1,446.8
Net premiums earned	\$ 537.4	\$ 330.5	\$ 605.3	\$ -	\$ 1,473.2	\$ 515.6	\$ 319.8	\$ 576.3	\$ -	\$ 1,411.7
Losses and LAE:										
Current year, excluding catastrophe losses	299.7	175.7	392.5	-	867.9	289.9	172.5	417.6	-	880.0
Prior year unfavorable (favorable) development, excluding catastrophe losses	(2.1)	(11.3)	(4.0)	-	(17.4)	0.7	(11.7)	9.3	-	(1.7)
Current year catastrophe losses	30.9	27.6	118.6	-	177.1	38.3	13.1	210.2	-	261.6
Prior year unfavorable (favorable) catastrophe development	(14.5)	(5.5)	-	-	(20.0)	(5.0)	(4.0)	9.0	-	-
Total losses and LAE	314.0	186.5	507.1	-	1,007.6	323.9	169.9	646.1	-	1,139.9
Amortization of deferred acquisition costs and other underwriting expenses	180.6	122.0	156.8	-	459.4	171.2	113.8	153.1	-	438.1
GAAP underwriting profit (loss)	42.8	22.0	(58.6)	-	6.2	20.5	36.1	(222.9)	-	(166.3)
Net investment income	41.4	20.5	26.0	2.5	90.4	39.7	18.6	26.4	2.9	87.6
Other income	1.2	1.8	3.9	0.7	7.6	1.1	1.8	4.1	0.8	7.8
Other operating expenses	(2.2)	(1.7)	(1.7)	(3.2)	(8.8)	(1.2)	(2.1)	(1.7)	(3.5)	(8.5)
Operating income (loss) before income taxes	\$ 83.2	\$ 42.6	\$ (30.4)	\$ -	\$ 95.4	\$ 60.1	\$ 54.4	\$ (194.1)	\$ 0.2	\$ (79.4)
Loss and LAE ratio:										
Current year, excluding catastrophe losses	55.7 %	53.1 %	64.9 %	N/M	58.9 %	56.2 %	54.0 %	72.5 %	N/M	62.3 %
Prior year unfavorable (favorable) development, excluding catastrophe losses	(0.4)%	(3.4)%	(0.7)%	N/M	(1.2)%	0.1 %	(3.7)%	1.6 %	N/M	(0.1)%
Current year catastrophe losses	5.8 %	8.4 %	19.6 %	N/M	12.1 %	7.5 %	4.1 %	36.4 %	N/M	18.5 %
Prior year unfavorable (favorable) catastrophe development	(2.7)%	(1.7)%	-	N/M	(1.4)%	(1.0)%	(1.3)%	1.6 %	N/M	-
Total loss and LAE ratio	58.4 %	56.4 %	83.8 %	N/M	68.4 %	62.8 %	53.1 %	112.1 %	N/M	80.7 %
Expense ratio	33.4 %	36.7 %	25.3 %	N/M	30.8 %	33.0 %	35.3 %	25.9 %	N/M	30.6 %
Combined ratio	91.8 %	93.1 %	109.1 %	N/M	99.2 %	95.8 %	88.4 %	138.0 %	N/M	111.3 %

THE HANOVER INSURANCE GROUP

**GAAP UNDERWRITING AND OPERATING INCOME (LOSS) INFORMATION AND RATIOS
CONSOLIDATED**

Six Months ended June 30

	2024					2023				
	Core Commercial	Specialty	Personal Lines	Other	Total	Core Commercial	Specialty	Personal Lines	Other	Total
(In millions, except percentage data)										
Gross premiums written	\$ 1,247.0	\$ 818.2	\$ 1,239.9	\$ -	\$ 3,305.1	\$ 1,187.9	\$ 774.0	\$ 1,205.3	\$ -	\$ 3,167.2
Net premiums written	\$ 1,095.8	\$ 691.9	\$ 1,187.4	\$ -	\$ 2,975.1	\$ 1,052.1	\$ 649.7	\$ 1,166.5	\$ -	\$ 2,868.3
Net premiums earned	\$ 1,066.3	\$ 651.4	\$ 1,204.1	\$ -	\$ 2,921.8	\$ 1,023.0	\$ 631.5	\$ 1,137.2	\$ -	\$ 2,791.7
Losses and LAE:										
Current year, excluding catastrophe losses	609.1	332.3	785.2	-	1,726.6	586.8	339.3	799.3	-	1,725.4
Prior year unfavorable (favorable) development, excluding catastrophe losses	(11.3)	(12.4)	(4.1)	-	(27.8)	4.2	(29.8)	20.9	-	(4.7)
Current accident year catastrophe losses	55.4	37.8	177.8	-	271.0	102.9	38.9	294.8	-	436.6
Prior year unfavorable (favorable) catastrophe development	(18.3)	(8.7)	-	-	(27.0)	(5.7)	(8.3)	14.0	-	-
Total losses and LAE	634.9	349.0	958.9	-	1,942.8	688.2	340.1	1,129.0	-	2,157.3
Amortization of deferred acquisition costs and other underwriting expenses	357.7	241.5	312.9	-	912.1	339.1	224.6	303.3	-	867.0
GAAP underwriting profit (loss)	73.7	60.9	(67.7)	-	66.9	(4.3)	66.8	(295.1)	-	(232.6)
Net investment income	82.2	40.8	51.6	5.5	180.1	75.8	35.6	49.0	5.9	166.3
Other income	2.5	3.1	7.9	1.4	14.9	2.3	3.6	8.4	1.5	15.8
Other operating expenses	(3.7)	(3.4)	(3.3)	(6.4)	(16.8)	(2.5)	(3.3)	(3.0)	(6.9)	(15.7)
Operating income (loss) before income taxes	\$ 154.7	\$ 101.4	\$ (11.5)	\$ 0.5	\$ 245.1	\$ 71.3	\$ 102.7	\$ (240.7)	\$ 0.5	\$ (66.2)
Loss and LAE ratio:										
Current year, excluding catastrophe losses	57.1 %	51.0 %	65.1 %	N/M	59.1 %	57.4 %	53.8 %	70.3 %	N/M	61.9 %
Prior year unfavorable (favorable) development, excluding catastrophe losses	(1.1)%	(1.9)%	(0.3)%	N/M	(1.0)%	0.4 %	(4.7)%	1.8 %	N/M	(0.2)%
Current year catastrophe losses	5.2 %	5.8 %	14.8 %	N/M	9.3 %	10.1 %	6.1 %	26.0 %	N/M	15.6 %
Prior year unfavorable (favorable) catastrophe development	(1.7)%	(1.3)%	-	N/M	(0.9)%	(0.6)%	(1.3)%	1.2 %	N/M	-
Total loss and LAE ratio	59.5 %	53.6 %	79.6 %	N/M	66.5 %	67.3 %	53.9 %	99.3 %	N/M	77.3 %
Expense ratio	33.3 %	36.8 %	25.4 %	N/M	30.8 %	32.9 %	35.3 %	26.0 %	N/M	30.6 %
Combined ratio	92.8 %	90.4 %	105.0 %	N/M	97.3 %	100.2 %	89.2 %	125.3 %	N/M	107.9 %

THE HANOVER INSURANCE GROUP

**GAAP UNDERWRITING AND OPERATING INCOME (LOSS) INFORMATION AND RELATED RATIOS
CONSOLIDATED**

(In millions, except percentage data)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023	Jun-YTD 2024
Gross premiums written	\$ 1,577.3	\$ 1,589.9	\$ 1,763.3	\$ 1,502.4	\$ 1,625.8	\$ 1,679.3	\$ 3,167.2	\$ 3,305.1
Net premiums written	\$ 1,421.5	\$ 1,446.8	\$ 1,596.4	\$ 1,345.5	\$ 1,454.0	\$ 1,521.1	\$ 2,868.3	\$ 2,975.1
Net premiums earned	\$ 1,380.0	\$ 1,411.7	\$ 1,431.1	\$ 1,440.3	\$ 1,448.6	\$ 1,473.2	\$ 2,791.7	\$ 2,921.8
Losses and LAE:								
Current year, excluding catastrophe losses	845.4	880.0	867.8	867.2	858.7	867.9	1,725.4	1,726.6
Prior year favorable development, excluding catastrophe losses	(3.0)	(1.7)	(2.1)	(9.1)	(10.4)	(17.4)	(4.7)	(27.8)
Current year catastrophe losses	175.0	261.6	195.8	57.7	93.9	177.1	436.6	271.0
Prior year favorable catastrophe development	-	-	-	-	(7.0)	(20.0)	-	(27.0)
Total losses and LAE	1,017.4	1,139.9	1,061.5	915.8	935.2	1,007.6	2,157.3	1,942.8
Amortization of deferred acquisition costs and other underwriting expenses	428.9	438.1	438.9	447.0	452.7	459.4	867.0	912.1
GAAP underwriting profit (loss)	(66.3)	(166.3)	(69.3)	77.5	60.7	6.2	(232.6)	66.9
Net investment income	78.7	87.6	84.2	81.6	89.7	90.4	166.3	180.1
Other income	8.0	7.8	7.4	7.6	7.3	7.6	15.8	14.9
Other operating expenses	(7.2)	(8.5)	(8.6)	(8.6)	(8.0)	(8.8)	(15.7)	(16.8)
Operating income (loss) before income taxes	\$ 13.2	\$ (79.4)	\$ 13.7	\$ 158.1	\$ 149.7	\$ 95.4	\$ (66.2)	\$ 245.1
Loss and LAE ratio:								
Current year, excluding catastrophe losses	61.2 %	62.3 %	60.6 %	60.2 %	59.3 %	58.9 %	61.9 %	59.1 %
Prior year favorable development, excluding catastrophe losses	(0.2)%	(0.1)%	(0.1)%	(0.6)%	(0.7)%	(1.2)%	(0.2)%	(1.0)%
Current year catastrophe losses	12.7 %	18.5 %	13.7 %	4.0 %	6.5 %	12.1 %	15.6 %	9.3 %
Prior year favorable catastrophe development	-	-	-	-	(0.5)%	(1.4)%	-	(0.9)%
Total loss and LAE ratio	73.7 %	80.7 %	74.2 %	63.6 %	64.6 %	68.4 %	77.3 %	66.5 %
Expense ratio	30.7 %	30.6 %	30.2 %	30.6 %	30.9 %	30.8 %	30.6 %	30.8 %
Combined ratio	104.4 %	111.3 %	104.4 %	94.2 %	95.5 %	99.2 %	107.9 %	97.3 %
Combined ratio, excluding catastrophe losses	91.7 %	92.8 %	90.7 %	90.2 %	89.5 %	88.5 %	92.3 %	88.9 %
Current accident year combined ratio, excluding catastrophe losses	91.9 %	92.9 %	90.8 %	90.8 %	90.2 %	89.7 %	92.5 %	89.9 %

THE HANOVER INSURANCE GROUP

**GAAP UNDERWRITING AND OPERATING INCOME (LOSS) INFORMATION AND RATIOS
CORE COMMERCIAL**

(In millions, except percentage data)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023	Jun-YTD 2024
Gross premiums written	\$ 634.1	\$ 553.8	\$ 667.4	\$ 539.1	\$ 660.0	\$ 587.0	\$ 1,187.9	\$ 1,247.0
Net premiums written	\$ 565.3	\$ 486.8	\$ 589.4	\$ 465.5	\$ 582.4	\$ 513.4	\$ 1,052.1	\$ 1,095.8
Net premiums earned	\$ 507.4	\$ 515.6	\$ 517.4	\$ 519.9	\$ 528.9	\$ 537.4	\$ 1,023.0	\$ 1,066.3
Losses and LAE:								
Current year, excluding catastrophe losses	296.9	289.9	291.1	301.0	309.4	299.7	586.8	609.1
Prior year unfavorable (favorable) development, excluding catastrophe losses	3.5	0.7	2.7	(2.2)	(9.2)	(2.1)	4.2	(11.3)
Current year catastrophe losses	64.6	38.3	44.6	30.5	24.5	30.9	102.9	55.4
Prior year favorable catastrophe development	(0.7)	(5.0)	-	(1.0)	(3.8)	(14.5)	(5.7)	(18.3)
Total losses and LAE	364.3	323.9	338.4	328.3	320.9	314.0	688.2	634.9
Amortization of deferred acquisition costs and other underwriting expenses	167.9	171.2	173.7	176.0	177.1	180.6	339.1	357.7
GAAP underwriting profit (loss)	(24.8)	20.5	5.3	15.6	30.9	42.8	(4.3)	73.7
Net investment income	36.1	39.7	38.4	37.6	40.8	41.4	75.8	82.2
Other income	1.2	1.1	1.3	1.1	1.3	1.2	2.3	2.5
Other operating expenses	(1.3)	(1.2)	(1.9)	(1.5)	(1.5)	(2.2)	(2.5)	(3.7)
Operating income before income taxes	\$ 11.2	\$ 60.1	\$ 43.1	\$ 52.8	\$ 71.5	\$ 83.2	\$ 71.3	\$ 154.7
Loss and LAE ratio:								
Current year, excluding catastrophe losses	58.5 %	56.2 %	56.3 %	57.8 %	58.5 %	55.7 %	57.4 %	57.1 %
Prior year unfavorable (favorable) development, excluding catastrophe losses	0.7 %	0.1 %	0.5 %	(0.4)%	(1.7)%	(0.4)%	0.4 %	(1.1)%
Current year catastrophe losses	12.7 %	7.5 %	8.6 %	5.9 %	4.6 %	5.8 %	10.1 %	5.2 %
Prior year favorable catastrophe development	(0.1)%	(1.0)%	-	(0.2)%	(0.7)%	(2.7)%	(0.6)%	(1.7)%
Total loss and LAE ratio	71.8 %	62.8 %	65.4 %	63.1 %	60.7 %	58.4 %	67.3 %	59.5 %
Expense ratio	32.9 %	33.0 %	33.3 %	33.6 %	33.2 %	33.4 %	32.9 %	33.3 %
Combined ratio	104.7 %	95.8 %	98.7 %	96.7 %	93.9 %	91.8 %	100.2 %	92.8 %
Combined ratio, excluding catastrophe losses	92.1 %	89.3 %	90.1 %	91.0 %	90.0 %	88.7 %	90.7 %	89.3 %
Current accident year combined ratio, excluding catastrophe losses	91.4 %	89.2 %	89.6 %	91.4 %	91.7 %	89.1 %	90.3 %	90.4 %

THE HANOVER INSURANCE GROUP
PREMIUMS WRITTEN AND RELATED METRICS

CORE COMMERCIAL

(In millions, except percentage data)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023	Jun-YTD 2024
Written Premium								
Gross	\$ 634.1	\$ 553.8	\$ 667.4	\$ 539.1	\$ 660.0	\$ 587.0	\$ 1,187.9	\$ 1,247.0
Ceded	(68.8)	(67.0)	(78.0)	(73.6)	(77.6)	(73.6)	(135.8)	(151.2)
Net	\$ 565.3	\$ 486.8	\$ 589.4	\$ 465.5	\$ 582.4	\$ 513.4	\$ 1,052.1	\$ 1,095.8
<i>Growth</i>	7.3%	7.2%	4.2%	2.7%	3.0%	5.5%	7.3%	4.2%
Net premiums written by sub-segment								
Small Commercial	\$ 311.9	\$ 291.8	\$ 292.0	\$ 275.7	\$ 336.0	\$ 316.5	\$ 603.6	\$ 652.5
Middle Market	253.4	195.0	297.4	189.8	246.4	196.9	448.5	443.3
Total	\$ 565.3	\$ 486.8	\$ 589.4	\$ 465.5	\$ 582.4	\$ 513.4	\$ 1,052.1	\$ 1,095.8
Net premiums written by line of business								
Commercial Multiple Peril	\$ 277.8	\$ 241.5	\$ 312.2	\$ 241.1	\$ 287.0	\$ 252.7	\$ 519.3	\$ 539.7
Commercial Automobile	100.3	90.4	98.1	84.4	105.7	96.9	190.7	202.6
Workers' Compensation	123.2	96.3	101.5	85.8	124.5	104.5	219.5	229.0
Other Core Commercial	64.0	58.6	77.6	54.2	65.2	59.3	122.6	124.5
Total	\$ 565.3	\$ 486.8	\$ 589.4	\$ 465.5	\$ 582.4	\$ 513.4	\$ 1,052.1	\$ 1,095.8
Related Metrics								
Premium Retention	84.0%	83.5%	83.8%	83.6%	82.3%	83.2%	83.8%	82.7%
Renewal Price Change	11.5%	11.3%	11.8%	12.4%	11.5%	11.7%	11.4%	11.7%

THE HANOVER INSURANCE GROUP

GAAP UNDERWRITING AND OPERATING INCOME INFORMATION AND RATIOS

SPECIALTY

(In millions, except percentage data)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023	Jun-YTD 2024
Gross premiums written	\$ 392.5	\$ 381.5	\$ 400.5	\$ 362.8	\$ 408.4	\$ 409.8	\$ 774.0	\$ 818.2
Net premiums written	\$ 324.3	\$ 325.4	\$ 338.7	\$ 304.9	\$ 339.8	\$ 352.1	\$ 649.7	\$ 691.9
Net premiums earned	\$ 311.7	\$ 319.8	\$ 321.7	\$ 321.0	\$ 320.9	\$ 330.5	\$ 631.5	\$ 651.4
Losses and LAE:								
Current year, excluding catastrophe losses	166.8	172.5	153.4	158.5	156.6	175.7	339.3	332.3
Prior year favorable development, excluding catastrophe losses	(18.1)	(11.7)	(5.0)	(14.0)	(1.1)	(11.3)	(29.8)	(12.4)
Current year catastrophe losses	25.8	13.1	6.9	5.6	10.2	27.6	38.9	37.8
Prior year favorable catastrophe development	(4.3)	(4.0)	-	-	(3.2)	(5.5)	(8.3)	(8.7)
Total losses and LAE	170.2	169.9	155.3	150.1	162.5	186.5	340.1	349.0
Amortization of deferred acquisition costs and other underwriting expenses	110.8	113.8	113.7	117.5	119.5	122.0	224.6	241.5
GAAP underwriting profit	30.7	36.1	52.7	53.4	38.9	22.0	66.8	60.9
Net investment income	17.0	18.6	18.0	17.5	20.3	20.5	35.6	40.8
Other income	1.8	1.8	1.2	1.6	1.3	1.8	3.6	3.1
Other operating expenses	(1.2)	(2.1)	(1.6)	(2.0)	(1.7)	(1.7)	(3.3)	(3.4)
Operating income before income taxes	\$ 48.3	\$ 54.4	\$ 70.3	\$ 70.5	\$ 58.8	\$ 42.6	\$ 102.7	\$ 101.4
Loss and LAE ratio:								
Current year, excluding catastrophe losses	53.5 %	54.0%	47.8 %	49.5 %	48.7 %	53.1 %	53.8%	51.0 %
Prior year favorable development, excluding catastrophe losses	(5.8)%	(3.7)%	(1.6)%	(4.4)%	(0.3)%	(3.4)%	(4.7)%	(1.9)%
Current year catastrophe losses	8.3 %	4.1%	2.1 %	1.7 %	3.2 %	8.4 %	6.1%	5.8 %
Prior year favorable catastrophe development	(1.4)%	(1.3)%	-	-	(1.0)%	(1.7)%	(1.3)%	(1.3)%
Total loss and LAE ratio	54.6 %	53.1 %	48.3 %	46.8 %	50.6 %	56.4 %	53.9 %	53.6 %
Expense ratio	35.3 %	35.3 %	35.1 %	36.4 %	37.0 %	36.7 %	35.3 %	36.8 %
Combined ratio	89.9 %	88.4 %	83.4 %	83.2 %	87.6 %	93.1 %	89.2 %	90.4 %
Combined ratio, excluding catastrophe losses	83.0 %	85.6 %	81.3 %	81.5 %	85.4 %	86.4%	84.4 %	85.9 %
Current accident year combined ratio, excluding catastrophe losses	88.8 %	89.3 %	82.9 %	85.9 %	85.7 %	89.8%	89.1 %	87.8 %

THE HANOVER INSURANCE GROUP

PREMIUMS WRITTEN AND RELATED METRICS

SPECIALTY

(In millions, except percentage data)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023	Jun-YTD 2024
Written Premiums								
Gross	\$ 392.5	\$ 381.5	\$ 400.5	\$ 362.8	\$ 408.4	\$ 409.8	\$ 774.0	\$ 818.2
Ceded	(68.2)	(56.1)	(61.8)	(57.9)	(68.6)	(57.7)	(124.3)	(126.3)
Net	\$ 324.3	\$ 325.4	\$ 338.7	\$ 304.9	\$ 339.8	\$ 352.1	\$ 649.7	\$ 691.9
<i>Growth</i>	7.1%	7.6%	2.9%	-1.5%	4.8%	8.2%	7.4%	6.5%
Net premiums written by sub-segment								
Professional and Executive Lines	\$ 111.0	\$ 99.4	\$ 111.0	\$ 98.9	\$ 112.8	\$ 106.6	\$ 210.4	\$ 219.4
Specialty Property & Casualty	101.7	103.6	97.5	99.2	107.9	109.5	205.3	217.4
Marine	94.1	104.4	107.4	88.1	99.5	115.3	198.5	214.8
Surety and Other	17.5	18.0	22.8	18.7	19.6	20.7	35.5	40.3
Total	\$ 324.3	\$ 325.4	\$ 338.7	\$ 304.9	\$ 339.8	\$ 352.1	\$ 649.7	\$ 691.9
Related Metrics								
Premium Retention	82.5%	80.5%	79.7%	76.0%	83.1%	83.0%	81.5%	83.0%
Renewal Price Change	12.6%	11.4%	12.9%	11.6%	11.0%	11.7%	12.0%	11.3%

THE HANOVER INSURANCE GROUP
GAAP UNDERWRITING AND OPERATING LOSS INFORMATION AND RATIOS

PERSONAL LINES

Three Months ended June 30

	2024			2023		
	Auto	Home and Other	Total	Auto	Home and Other	Total
(In millions, except percentage data)						
Net premiums written	\$ 382.8	\$ 272.8	\$ 655.6	\$ 368.1	\$ 266.5	\$ 634.6
Net premiums earned	\$ 351.8	\$ 253.5	\$ 605.3	\$ 338.5	\$ 237.8	\$ 576.3
Losses and LAE:						
Current year, excluding catastrophe losses	246.8	145.7	392.5	268.1	149.5	417.6
Prior year unfavorable (favorable) development, excluding catastrophe losses	(7.5)	3.5	(4.0)	5.0	4.3	9.3
Current year catastrophe losses	7.3	111.3	118.6	12.7	197.5	210.2
Prior year unfavorable (favorable) catastrophe development	-	-	-	(0.3)	9.3	9.0
Total losses and LAE	<u>246.6</u>	<u>260.5</u>	<u>507.1</u>	<u>285.5</u>	<u>360.6</u>	<u>646.1</u>
Amortization of deferred acquisition costs and other underwriting expenses			<u>156.8</u>			<u>153.1</u>
GAAP underwriting loss			(58.6)			(222.9)
Net investment income			26.0			26.4
Other income			3.9			4.1
Other operating expenses			(1.7)			(1.7)
Operating loss before income taxes			<u>(30.4)</u>			<u>(194.1)</u>
Loss and LAE ratio:						
Current year, excluding catastrophe losses	70.1 %	57.5 %	64.9 %	79.1 %	62.8 %	72.5 %
Prior year unfavorable (favorable) development, excluding catastrophe losses	(2.1)%	1.4 %	(0.7)%	1.5 %	1.8 %	1.6 %
Current year catastrophe losses	2.1 %	43.9 %	19.6 %	3.8 %	83.1 %	36.4 %
Prior year unfavorable (favorable) catastrophe development	-	-	-	(0.1)%	3.9 %	1.6 %
Total loss and LAE ratio	<u>70.1 %</u>	<u>102.8 %</u>	<u>83.8 %</u>	<u>84.3 %</u>	<u>151.6 %</u>	<u>112.1 %</u>
Expense ratio			<u>25.3 %</u>			<u>25.9 %</u>
Combined ratio			<u>109.1 %</u>			<u>138.0 %</u>

THE HANOVER INSURANCE GROUP

**GAAP UNDERWRITING AND OPERATING LOSS INFORMATION AND RATIOS
PERSONAL LINES**

Six Months ended June 30

(In millions, except percentage data)	2024			2023		
	Auto	Home & Other	Total	Auto	Home & Other	Total
Net premiums written	\$ 699.8	\$ 487.6	\$ 1,187.4	\$ 691.1	\$ 475.4	\$ 1,166.5
Net premiums earned	\$ 700.7	\$ 503.4	\$ 1,204.1	\$ 669.3	\$ 467.9	\$ 1,137.2
Losses and LAE:						
Current year, excluding catastrophe losses	503.2	282.0	785.2	518.9	280.4	799.3
Prior year unfavorable (favorable) development, excluding catastrophe losses	(13.3)	9.2	(4.1)	12.9	8.0	20.9
Current year catastrophe losses	11.2	166.6	177.8	16.6	278.2	294.8
Prior year unfavorable (favorable) catastrophe development	0.8	(0.8)	-	(0.5)	14.5	14.0
Total losses and LAE	501.9	457.0	958.9	547.9	581.1	1,129.0
Amortization of deferred acquisition costs and other underwriting expenses			312.9			303.3
GAAP underwriting loss			(67.7)			(295.1)
Net investment income			51.6			49.0
Other income			7.9			8.4
Other operating expenses			(3.3)			(3.0)
Operating loss before income taxes			\$ (11.5)			\$ (240.7)
Loss and LAE ratio:						
Current year, excluding catastrophe losses	71.8 %	56.1 %	65.1 %	77.6 %	59.9 %	70.3 %
Prior year unfavorable (favorable) development, excluding catastrophe losses	(1.9)%	1.8 %	(0.3)%	1.9 %	1.7 %	1.8 %
Current year catastrophe losses	1.6 %	33.1 %	14.8 %	2.5 %	59.5 %	26.0 %
Prior year unfavorable (favorable) catastrophe development	0.1 %	(0.2)%	-	(0.1)%	3.1 %	1.2 %
Total loss and LAE ratio	71.6 %	90.8 %	79.6 %	81.9 %	124.2 %	99.3 %
Expense ratio			25.4 %			26.0 %
Combined ratio			105.0 %			125.3 %

THE HANOVER INSURANCE GROUP

**GAAP UNDERWRITING AND OPERATING INCOME (LOSS) INFORMATION AND RELATED RATIOS
PERSONAL LINES**

(In millions, except percentage data)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Jun-YTD 2023	Jun-YTD 2024
Gross premiums written	\$ 550.7	\$ 654.6	\$ 695.4	\$ 600.5	\$ 557.4	\$ 682.5	\$ 1,205.3	\$ 1,239.9
Net premiums written	\$ 531.9	\$ 634.6	\$ 668.3	\$ 575.1	\$ 531.8	\$ 655.6	\$ 1,166.5	\$ 1,187.4
Net premiums earned	\$ 560.9	\$ 576.3	\$ 592.0	\$ 599.4	\$ 598.8	\$ 605.3	\$ 1,137.2	\$ 1,204.1
Losses and LAE:								
Current year, excluding catastrophe losses	381.7	417.6	423.3	407.7	392.7	392.5	799.3	785.2
Prior year unfavorable (favorable) development, excluding catastrophe losses	11.6	9.3	0.2	4.8	(0.1)	(4.0)	20.9	(4.1)
Current year catastrophe losses	84.6	210.2	144.3	21.6	59.2	118.6	294.8	177.8
Prior year unfavorable catastrophe development	5.0	9.0	-	1.0	-	-	14.0	-
Total losses and LAE	482.9	646.1	567.8	435.1	451.8	507.1	1,129.0	958.9
Amortization of deferred acquisition costs and other underwriting expenses	150.2	153.1	151.5	153.5	156.1	156.8	303.3	312.9
GAAP underwriting profit (loss)	(72.2)	(222.9)	(127.3)	10.8	(9.1)	(58.6)	(295.1)	(67.7)
Net investment income	22.6	26.4	24.3	23.5	25.6	26.0	49.0	51.6
Other income	4.3	4.1	4.2	4.1	4.0	3.9	8.4	7.9
Other operating expenses	(1.3)	(1.7)	(1.6)	(1.6)	(1.6)	(1.7)	(3.0)	(3.3)
Operating income (loss) before income taxes	\$ (46.6)	\$ (194.1)	\$ (100.4)	\$ 36.8	\$ 18.9	\$ (30.4)	\$ (240.7)	\$ (11.5)
Loss and LAE ratio:								
Current year, excluding catastrophe losses	68.0 %	72.5 %	71.5 %	68.0 %	65.6 %	64.9 %	70.3 %	65.1 %
Prior year unfavorable (favorable) development, excluding catastrophe losses	2.1 %	1.6 %	-	0.8 %	-	(0.7)%	1.8 %	(0.3)%
Current year catastrophe losses	15.1 %	36.4 %	24.4 %	3.6 %	9.9 %	19.6 %	26.0 %	14.8 %
Prior year unfavorable catastrophe development	0.9 %	1.6 %	-	0.2 %	-	-	1.2 %	-
Total loss and LAE ratio	86.1 %	112.1 %	95.9 %	72.6 %	75.5 %	83.8 %	99.3 %	79.6 %
Expense ratio	26.1 %	25.9 %	24.9 %	25.0 %	25.5 %	25.3 %	26.0 %	25.4 %
Combined ratio	112.2 %	138.0 %	120.8 %	97.6 %	101.0 %	109.1 %	125.3 %	105.0 %
Combined ratio, excluding catastrophe losses	96.2 %	100.0 %	96.4 %	93.8 %	91.1 %	89.5 %	98.1 %	90.2 %
Current accident year combined ratio, excluding catastrophe losses	94.1 %	98.4 %	96.4 %	93.0 %	91.1 %	90.2 %	96.3 %	90.5 %

THE HANOVER INSURANCE GROUP

**PREMIUMS WRITTEN AND RELATED METRICS
PERSONAL LINES**

(In millions, except percentage data)	Q1	Q2	Q3	Q4	Q1	Q2	Jun-YTD	Jun-YTD
	2023	2023	2023	2023	2024	2024	2023	2024
Written Premiums								
Gross	\$ 550.7	\$ 654.6	\$ 695.4	\$ 600.5	\$ 557.4	\$ 682.5	1,205.3	\$ 1,239.9
Ceded	(18.8)	(20.0)	(27.1)	(25.4)	(25.6)	(26.9)	(38.8)	(52.5)
Net	\$ 531.9	\$ 634.6	\$ 668.3	\$ 575.1	\$ 531.8	\$ 655.6	1,166.5	\$ 1,187.4
<i>Growth</i>	10.1%	10.1%	9.5%	2.1%	0.0%	3.3%	10.1%	1.8%
Net premiums written by line of business								
Personal Automobile	\$ 323.0	\$ 368.1	\$ 385.0	\$ 328.1	\$ 317.0	\$ 382.8	691.1	\$ 699.8
Homeowners and Other	208.9	266.5	283.3	247.0	214.8	272.8	475.4	487.6
Total	\$ 531.9	\$ 634.6	\$ 668.3	\$ 575.1	\$ 531.8	\$ 655.6	1,166.5	\$ 1,187.4
Related Metrics								
Renewal Price Change								
Personal Automobile	8.9%	12.0%	14.3%	14.7%	18.2%	18.0%	10.5%	18.1%
Homeowners	18.9%	21.7%	23.4%	29.1%	30.2%	19.1%	20.5%	23.9%
Total ⁽¹⁾	12.7%	15.9%	18.0%	20.6%	22.8%	18.5%	14.4%	20.4%
Policy Retention								
Personal Automobile	84.5%	84.2%	83.8%	80.9%	79.6%	81.2%	84.3%	80.5%
Homeowners	85.6%	85.7%	85.3%	82.2%	80.3%	82.7%	85.6%	81.6%
Total ⁽¹⁾	85.0%	84.9%	84.6%	81.6%	79.9%	82.0%	85.0%	81.0%
PIF change from prior year period								
Personal Automobile	4.5%	2.7%	1.0%	-2.2%	-5.5%	-7.6%	2.7%	-7.6%
Homeowners	4.6%	3.1%	1.7%	-1.4%	-4.7%	-6.9%	3.1%	-6.9%
Total ⁽¹⁾	4.6%	2.9%	1.3%	-1.8%	-5.1%	-7.3%	2.9%	-7.3%

(1) Related metrics exclude Other Personal Lines.

THE HANOVER INSURANCE GROUP

NET INVESTMENT INCOME AND YIELDS

(In millions, except yields)	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	YTD 2023	YTD 2024
Net Investment Income								
Fixed maturities	\$ 68.3	\$ 69.4	\$ 71.3	\$ 74.2	\$ 75.7	\$ 76.5	\$ 137.7	\$ 152.2
Limited partnerships	5.3	13.1	8.1	3.5	9.2	1.4	18.4	10.6
Mortgage loans	4.0	4.0	3.9	3.9	3.7	3.9	8.0	7.6
Equity securities	1.9	1.9	1.7	0.9	0.8	0.8	3.8	1.6
Other investments	2.5	2.7	2.6	2.8	3.8	11.5	5.2	15.3
Investment expenses	(3.3)	(3.5)	(3.4)	(3.7)	(3.5)	(3.7)	(6.8)	(7.2)
Total	\$ 78.7	\$ 87.6	\$ 84.2	\$ 81.6	\$ 89.7	\$ 90.4	\$ 166.3	\$ 180.1
Pre-tax Yields								
Fixed maturities	3.27%	3.31%	3.37%	3.46%	3.52%	3.53%	3.29%	3.53%
Total	3.34%	3.73%	3.55%	3.40%	3.70%	3.73%	3.53%	3.72%

Pre-tax yields represent annualized net investment income for the period divided by the monthly average invested assets at amortized cost or cost, which excludes accumulated changes in fair value for fixed maturities and equity securities.

THE HANOVER INSURANCE GROUP

INVESTMENT PORTFOLIO

June 30, 2024

(In millions)

Investment Type	Weighted Average Quality	Amortized Cost or Cost (1)	Fair Value / Carry Value	% of Total	Net Unrealized Gain (Loss)	Change in Net Unrealized During Q2	Change in Net Unrealized YTD
Fixed maturities:							
U.S. Treasury and government agencies	AA+	\$ 530.9	\$ 472.1	5.1%	\$ (58.8)	\$ (0.5)	\$ (8.5)
Foreign governments	BB	1.6	1.7	-	0.1	0.1	0.1
Municipals:							
Taxable	AA	1,146.2	1,017.1	10.9%	(129.1)	-	(2.5)
Tax-exempt	AA	30.3	30.5	0.3%	0.2	(1.2)	(2.3)
Corporates:							
NAIC 1	A	1,831.5	1,745.7	18.7%	(85.8)	(5.8)	(15.4)
NAIC 2	BBB	1,674.0	1,555.9	16.7%	(118.1)	20.6	15.9
NAIC 3 and below	B+	419.4	416.5	4.5%	(2.9)	(2.4)	(5.1)
Total corporate	BBB+	3,924.9	3,718.1	39.9%	(206.8)	12.4	(4.6)
Asset-backed:							
Residential mortgage-backed	AA+	1,747.1	1,594.2	17.1%	(152.9)	(9.9)	(28.2)
Commercial mortgage-backed	AA+	690.3	629.8	6.8%	(60.5)	6.9	11.6
Other asset-backed	AA+	608.7	595.6	6.4%	(13.1)	1.3	2.1
Total fixed maturities	A+	8,680.0	8,059.1	86.5%	(620.9)	9.1	(32.3)
Limited partnerships and other investments		438.2	438.2	4.7%	-	-	-
Mortgage and other loans		347.6	347.6	3.7%	-	-	-
Equity securities		138.5	138.5	1.5%	-	-	-
Total investments		9,604.3	8,983.4	96.4%	(620.9)	9.1	(32.3)
Cash and cash equivalents		337.6	337.6	3.6%	-	-	-
Total		\$ 9,941.9	\$ 9,321.0	100.0%	\$ (620.9)	\$ 9.1	\$ (32.3)

(1) Net of allowance for credit losses of \$9.4 million.

THE HANOVER INSURANCE GROUP

CREDIT QUALITY AND DURATION OF FIXED MATURITIES

June 30, 2024

(In millions)

CREDIT QUALITY OF FIXED MATURITIES

NAIC Designation	Rating Agency Equivalent Designation	Amortized Cost (1)	Fair Value	% of Total Fair Value
1	Aaa/Aa/A	\$ 6,519.9	\$ 6,027.8	74.8%
2	Baa	1,738.4	1,612.5	20.0%
3	Ba	202.6	203.2	2.5%
4	B	169.4	170.3	2.1%
5	Caa and lower	31.2	28.1	0.4%
6	In or near default	18.5	17.2	0.2%
Total fixed maturities		<u>\$ 8,680.0</u>	<u>\$ 8,059.1</u>	<u>100.0%</u>

DURATION OF FIXED MATURITIES

	Amortized Cost (1)	Fair Value	% of Total Fair Value
0-2 Years	\$ 1,860.6	\$ 1,831.6	22.7%
2-4 Years	2,258.5	2,159.3	26.8%
4-6 Years	2,329.5	2,124.4	26.4%
6-8 Years	1,964.4	1,730.9	21.5%
8-10 Years	138.6	114.6	1.4%
10+ Years	128.4	98.3	1.2%
Total fixed maturities	<u>\$ 8,680.0</u>	<u>\$ 8,059.1</u>	<u>100.0%</u>
Weighted Average Duration		<u>4.1</u>	

(1) Net of allowance for credit losses of \$0.8 million.

THE HANOVER INSURANCE GROUP

TOP 25 CORPORATE AND MUNICIPAL FIXED MATURITY HOLDINGS

June 30, 2024

(In millions, except percentage data)

Issuer	Amortized Cost	Fair Value	As a Percent of Invested Assets	Ratings (1)
Morgan Stanley	\$ 44.0	\$ 41.8	0.45%	A-
Goldman Sachs	43.6	41.6	0.44%	BBB+
JPMorgan Chase	43.5	41.9	0.45%	A-
Minnesota Housing Finance Agency	42.2	34.5	0.37%	AAA
Colorado Housing & Finance Authority	37.8	34.6	0.37%	AAA
Citigroup	34.4	33.1	0.36%	A-
State of Ohio	33.8	27.3	0.29%	AAA
Bank of New York Mellon	31.6	30.6	0.33%	A
Massachusetts School Building Authority	30.9	26.1	0.28%	AA+
Wells Fargo	29.3	28.5	0.30%	BBB+
UnitedHealth Group	27.8	25.7	0.28%	A+
State of Oregon	27.3	23.2	0.25%	AA+
District of Columbia	27.0	22.7	0.24%	AAA
UBS Group	26.5	24.9	0.27%	A-
Capital One Financial	26.4	24.6	0.26%	BBB
Toronto Dominion Bank	26.4	25.7	0.28%	A
US Bancorp	26.0	25.1	0.27%	A-
Charles Schwab	24.6	23.1	0.25%	A-
Prologis	24.3	22.9	0.25%	A
California State University	24.3	19.5	0.21%	AA-
PNC Financial	24.3	23.2	0.25%	A-
Truist Financial	24.0	23.4	0.25%	A-
Mastercard	23.4	22.7	0.24%	A+
AvalonBay Communities	23.3	22.9	0.25%	A-
Public Service Enterprise	23.1	22.6	0.24%	A-
Top 25 Corporate and Municipal	\$ 749.8	\$ 692.2	7.43%	

(1) - Represents nationally recognized rating agency sources.

THE HANOVER INSURANCE GROUP

RECONCILIATION OF OPERATING INCOME (LOSS) TO NET INCOME (LOSS)

	Three Months ended June 30				Six Months ended June 30			
	2024		2023		2024		2023	
	\$	Per Share (Diluted)	\$	Per Share (1)	\$	Per Share (Diluted)	\$	Per Share (1)
<i>(In millions, except per share data)</i>								
OPERATING INCOME (LOSS)								
Core Commercial	\$ 83.2		\$ 60.1		\$ 154.7		\$ 71.3	
Specialty	42.6		54.4		101.4		102.7	
Personal Lines	(30.4)		(194.1)		(11.5)		(240.7)	
Other	-		0.2		0.5		0.5	
Total	<u>95.4</u>		<u>(79.4)</u>		<u>245.1</u>		<u>(66.2)</u>	
Interest expense	(8.6)		(8.6)		(17.1)		(17.1)	
Operating income (loss) before income taxes	86.8	\$ 2.39	(88.0)	\$ (2.46)	228.0	\$ 6.28	(83.3)	\$ (2.33)
Income tax benefit (expense) on operating income	(18.7)	(0.51)	19.7	0.55	(48.0)	(1.32)	19.6	0.55
Operating income (loss) after income taxes	68.1	1.88	(68.3)	(1.91)	180.0	4.96	(63.7)	(1.78)
Non-operating items:								
Net realized gains (losses) from sales and other	(30.4)	(0.84)	0.1	-	(31.7)	(0.87)	(1.0)	(0.04)
Net change in fair value of equity securities	1.1	0.03	(1.1)	(0.03)	7.6	0.21	(8.2)	(0.23)
Impairments on investments:								
Credit-related impairments	(3.5)	(0.10)	(1.7)	(0.05)	(3.2)	(0.09)	(6.2)	(0.17)
Losses on intent to sell securities	(1.7)	(0.04)	-	-	(1.7)	(0.05)	(10.3)	(0.29)
	<u>(5.2)</u>	<u>(0.14)</u>	<u>(1.7)</u>	<u>(0.05)</u>	<u>(4.9)</u>	<u>(0.14)</u>	<u>(16.5)</u>	<u>(0.46)</u>
Other non-operating items	(1.0)	(0.03)	-	-	(2.4)	(0.06)	0.8	0.03
Income tax benefit on non-operating items	7.8	0.21	1.0	0.03	7.3	0.20	6.6	0.18
Income (loss) from continuing operations, net of taxes	40.4	1.11	(70.0)	(1.96)	155.9	4.30	(82.0)	(2.30)
Discontinued operations (net of taxes):								
Income from discontinued life businesses	0.1	0.01	-	-	0.1	-	-	-
Income from discontinued Chaucer business	-	-	0.8	0.02	-	-	0.8	0.03
NET INCOME (LOSS)	<u>\$ 40.5</u>	<u>\$ 1.12</u>	<u>\$ (69.2)</u>	<u>\$ (1.94)</u>	<u>\$ 156.0</u>	<u>\$ 4.30</u>	<u>\$ (81.2)</u>	<u>\$ (2.27)</u>

(1) Per share data is calculated using basic shares outstanding due to antidilution.

THE HANOVER INSURANCE GROUP

Non-GAAP Financial Measures

The Hanover uses non-GAAP financial measures as important measures of the Company's operating performance, which we believe provide investors with additional information regarding management's evaluation of our results of operations and financial performance. The Company's non-GAAP measures include operating income (loss) before interest expense and income taxes, total operating income (loss) after income taxes, total operating income (loss) after income taxes per diluted (basic) share, total book value per share, total book value per share excluding net unrealized gains and losses related to fixed maturity investments and market risk, net of tax, tangible book value per share and measures of operating income (loss) and combined ratios excluding catastrophe losses (catastrophe losses as discussed here and in all other measures include catastrophe loss development) and reserve development.

Operating income (loss) before interest expense and income taxes is net income (loss), excluding interest expense on debt, income taxes and net realized and unrealized investment gains and losses, which includes changes in the fair value of equity securities still held because fluctuations in these gains and losses are determined by interest rates, financial markets and the timing of sales. Operating income (loss) before interest expense and income taxes also excludes net gains and losses on disposals of businesses, discontinued operations, restructuring costs, the cumulative effect of accounting changes and certain other items. Operating income (loss) before interest expense and income taxes is the sum of the operating income (loss) from: Core Commercial, Specialty, Personal Lines, and Other. After-tax operating income (loss) earnings per diluted (basic) share (sometimes referred to as "after-tax operating income (loss) per share") is also a non-GAAP measure. It is defined as net income (loss) excluding the after-tax impact of net realized and unrealized investment gains (losses), as well as results from discontinued operations and other non-operating items for a period divided by the average number of diluted (basic) shares of common stock. The Hanover believes that measures of operating income (loss) before interest expense and income taxes provide investors with a valuable measure of the performance of the Company's ongoing businesses because they highlight net income (loss) attributable to the core operations of the business.

Book value per share is total shareholders' equity divided by the number of common shares outstanding. Book value per share excluding net unrealized gains and losses related to fixed maturity investments, net of tax, is total shareholders' equity excluding the after-tax effect of unrealized investment gains and losses on fixed maturities and market risk divided by the number of common shares outstanding. Tangible book value per share is total shareholders' equity, excluding goodwill and intangible assets, divided by the number of common shares outstanding.

The Hanover also provides measures of operating results and loss ratios that exclude the effects of catastrophe losses. A catastrophe is a severe loss, resulting from natural or manmade events. Catastrophes caused by various natural events include, among others, hurricanes, tornadoes and other windstorms, hail, flood, earthquakes, fire, explosions, severe winter weather and other convective storms. Catastrophes caused by various manmade events include, among others, fire, explosions, riots, and terrorism. Each catastrophe has unique characteristics. Catastrophes are not predictable as to timing or loss amount in advance. The Hanover believes that providing certain financial metrics and trends excluding the effects of catastrophes is meaningful for investors to understand the variability of periodic earnings and loss ratios.

Prior year reserve development, which can be favorable or unfavorable, represents changes in our estimate of the costs to pay claims from prior years. We believe that a discussion of operating income (loss) excluding prior year reserve development is helpful to investors since it provides insight into both our estimate of current year accident results and changes to prior-year reserve estimates.

Operating income (loss) before and after interest expense and income taxes and measures of operating income (loss) that exclude the effects of catastrophe losses or reserve development should not be construed as substitutes for net income (loss) determined in accordance with GAAP. A reconciliation of income (loss) from continuing operations to operating income (loss) before interest expense and income taxes and income (loss) from continuing operations per diluted (basic) share to operating income (loss) after taxes per diluted (basic) share, which are then reconciled to net income (loss) and net income (loss) per diluted (basic) share, respectively, for the six months ended June 30, 2024 and 2023 is set forth on page 20 of this document. The presentation of loss ratios calculated excluding the effects of reserve development and/or catastrophe losses should not be construed as a substitute for loss ratios determined in accordance with GAAP.

Additional reconciliations are provided in the press release relating to the current period(s) financial results, which is available on the Company's website, www.hanover.com.

THE HANOVER INSURANCE GROUP
PREMIUM RELATED METRIC DEFINITIONS

Renewal Price Change

- **Core Commercial and Specialty:** Represents the average change in premium on renewed policies caused by the estimated net effect of base rate changes, discretionary pricing, specific inflationary changes or changes in policy level exposure or insured risks.
- **Personal Lines:** Represents the average change in premium on policies charged at renewal caused by the net effects of filed rate, inflation adjustments or other changes in policy level exposure or insured risks, regardless of whether or not the policies are retained for the duration of their contractual terms.

Rate

- **Core Commercial and Specialty:** Represents the average change in premium on renewed policies caused by the base rate changes, discretionary pricing, and inflation, excluding the impact of changes in policy level exposure or insured risks.
- **Personal Lines:** Represents the estimated cumulative premium effect of approved rate actions applied to policies at renewal, regardless of whether or not policies are actually renewed. Accordingly, rate changes do not represent actual increases or decreases realized by the company. Personal Lines rate changes do not include inflation or changes in policy level exposure or insured risks.

Retention

- **Core Commercial and Specialty:** Represents the ratio of net retained premium for the noted period to the premium available to renew over the same period.
- **Personal Lines:** Represents the ratio of net retained policies for the noted period to those policies available to renew over the same period and includes policies that were canceled and rewritten.

Policies in Force (PIF) Change

- Represents the change in the number of policies in force at the end of a given period from the end of the same period in the prior year.

CORPORATE OFFICES AND PRINCIPAL SUBSIDIARIES

THE HANOVER INSURANCE GROUP, INC.
440 Lincoln Street
Worcester, MA 01653

The Hanover Insurance Company
440 Lincoln Street
Worcester, MA 01653

Citizens Insurance Company of America
808 North Highlander Way
Howell, MI 48843

MARKET AND DIVIDEND INFORMATION

The following tables set forth the high and low closing sale prices of our common stock and quarterly cash dividends for the periods indicated:

Quarter Ended	2024		Dividends Per Share
	Price Range		
	High	Low	
March 31	\$136.58	\$122.20	\$0.850
June 30	\$137.56	\$120.84	\$0.850

Quarter Ended	2023		Dividends Per Share
	Price Range		
	High	Low	
March 31	\$148.20	\$121.57	\$0.810
June 30	\$130.32	\$110.25	\$0.810
September 30	\$114.26	\$104.25	\$0.810
December 31	\$128.18	\$109.40	\$0.850

INDUSTRY RATINGS AS OF July 31, 2024

Financial Strength Ratings	A.M. Best	S&P Global	Moody's
The Hanover Insurance Company	A	A	A2
Citizens Insurance Company of America	A	A	-

Debt Ratings	A.M. Best	S&P Global	Moody's
The Hanover Insurance Group, Inc.			
Senior Debt	bbb+	BBB	Baa2
Subordinated Debentures	bbb-	BB+	Baa3

The above ratings are accurate as of July 31, 2024, and may be revised, superseded or withdrawn by the respective rating agency at any time. For the most current information concerning the financial ratings of The Hanover Insurance Group and its subsidiaries, please visit the websites of the respective rating agencies.

TRANSFER AGENT

Computershare Investor Services
PO Box 43006
Providence, RI 02940-3006
1-800-317-4454

COMMON STOCK

Common stock of The Hanover Insurance Group, Inc. is traded on the New York Stock Exchange under the symbol "THG".

INQUIRIES

Oksana Lukasheva
Senior Vice President
Corporate Finance
olukasheva@hanover.com