MUNICIPAL EXCESS LIABILITY JOINT INSURANCE FUND

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BULLETIN MEL 25-02

Date: January 2025

To: Fund Commissioners of Member Joint Insurance Funds

From: Underwriting Manager, Conner Strong & Buckelew

Re: 2025 Property and Casualty Renewal Overview

Except for the Excess Workers Compensation section, this bulletin does not apply to the "workers compensation only" members of NJPHA JIF. Except for the Excess Workers Compensation, Non-Owned Aircraft, primary POL/EPL and Cyber Liability sections, this bulletin does not apply to the members of the NJUA JIF. This bulletin does not apply to the Boards of Education members of the Suburban Metro JIF. Anything Property in this bulletin does not apply to members not participating in the MEL Property program.

Attached is an overview of the MEL JIF excess property and casualty renewal.

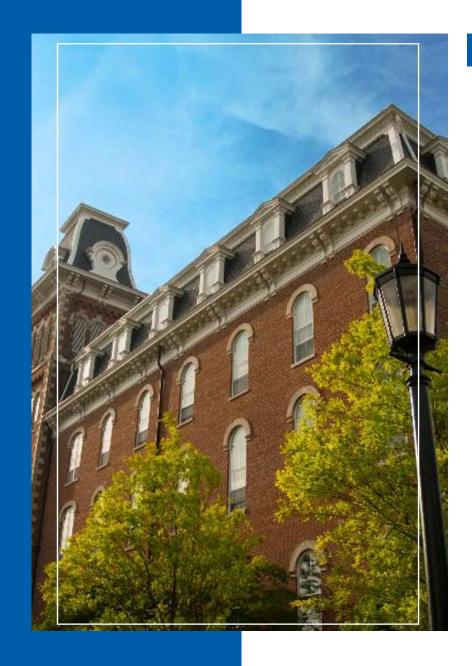
This bulletin is for information purposes only. It is not intended to be all-inclusive, but merely an overview. It does not alter, amend or change your coverage. Please refer to specific policies for limits, terms, conditions and exclusions.

cc: Risk Management Consultants

Fund Professionals
Fund Executive Directors



Renewal Overview



Renewal Overview

The insurance market has spent the last half decade making significant adjustments in underwriting, coverage, capacity and terms, which also came with many shifts in the distribution and magnitude of capital.

While the market is probably near finding its new median (much higher than in the past), we are seeing much more account-specific underwriting and significantly more capacity and appetite.

For the MEL, with its great performance and risk management, this all means better rates, increased capacity and more favorable terms.

You will see on the following pages how our marketing and strategic restructuring has led to a stronger program and an overall 4% rate decrease (~\$2.5m savings).

The renewal results beat all our renewal targets, and we are very pleased with the results. We looking forward to an excellent 2025 with the MEL.

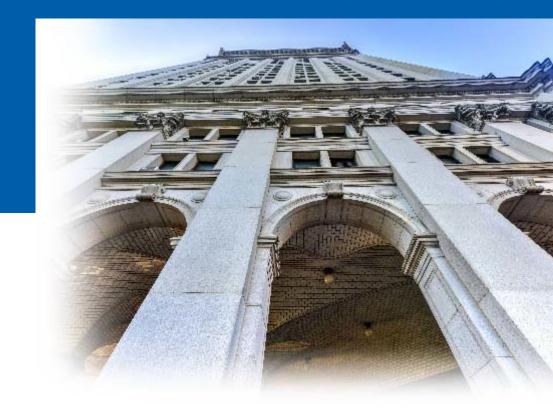
Premium Analysis

	2024	2025 Adjusted Expiring	2025 Actual (\$)	2025 Actual (Rate Delta %)	2025 Projection (Rate Only)	2025 Projection (Rate Delta %)	2025 Projection (Rate & Exposure)
Property	\$21,822,695.00	\$22,240,767.00	\$19,000,000.00	-15%	\$22,259,148.90	2%	\$22,685,582.34
Equipment Breakdown	\$1,092,500.00	\$1,195,312.00	\$1,442,458.00	21%	\$1,225,875.00	2%	\$1,219,218.24
Terrorism	\$160,697.00	\$163,776.00	\$139,209.24	-15%	\$163,910.94	2%	\$167,051.52
Excess Liability - \$15m x \$5m	\$3,492,440.00	\$3,492,440.00	\$3,303,042.00	-5%	\$3,667,062.00	5%	\$3,667,062.00
Excess Liability - \$10m x \$20m	\$475,000.00	\$449,240.00	\$495,000.00	10%	\$498,750.00	5%	\$471,702.00
Workers' Compensation	\$4,158,870.00	\$4,236,688.00	\$4,321,422.00	2%	\$4,242,047.40	2%	\$4,321,421.76
Public Officials / EPL	\$25,139,855.00	\$25,139,855.00	\$26,145,201.00	4%	\$26,648,246.30	6%	\$26,648,246.30
Excess POL / EPL	\$2,255,696.00	\$2,345,902.00	\$2,190,500.00	-7%	\$2,368,480.80	5%	\$2,463,197.10
Cyber	\$1,965,290.00	\$1,965,575.00	\$1,826,513.00	-7%	\$2,004,595.80	2%	\$2,004,886.50
Excess Cyber	\$480,000.00	\$446,123.00	\$456,000.00	2%	\$489,600.00	2%	\$455,045.46
Non-Owned Aircraft	\$47,594.00	\$47,910.00	\$47,594.00	-1%	\$48,545.88	2%	\$48,868.20
Underwriting Fees	\$346,347.71	\$363,274.67	\$362,931.05	0%	\$362,931.05	2%	\$370,540.16
Total	\$61,436,984.71	\$62,086,862.67	\$59,729,870.29	-4%	\$63,979,194.07	4%	\$64,522,821.58

Total Deltas	
Delta to Adjusted Expiring	(\$2,356,992.38)
Delta to Projected (with Exposure)	(\$4,792,951.29)

Marketplace Update

What is happening?





Marketplace Overview

CONNER STRONG & BUCKELEW

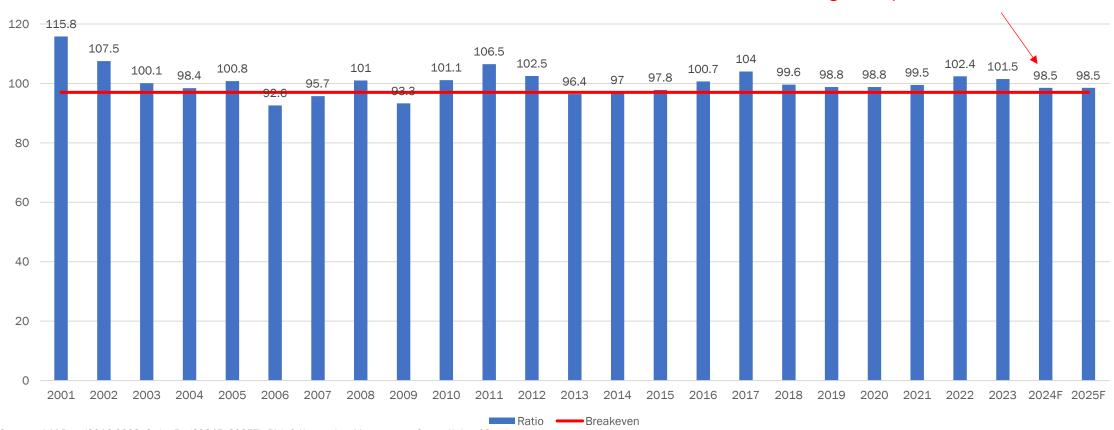
P/C insurer underwriting performance has been highly variable over the past decade, largely due to CATs, Inflation & Torts

140

P&C Insurance Industry Combined Ratio

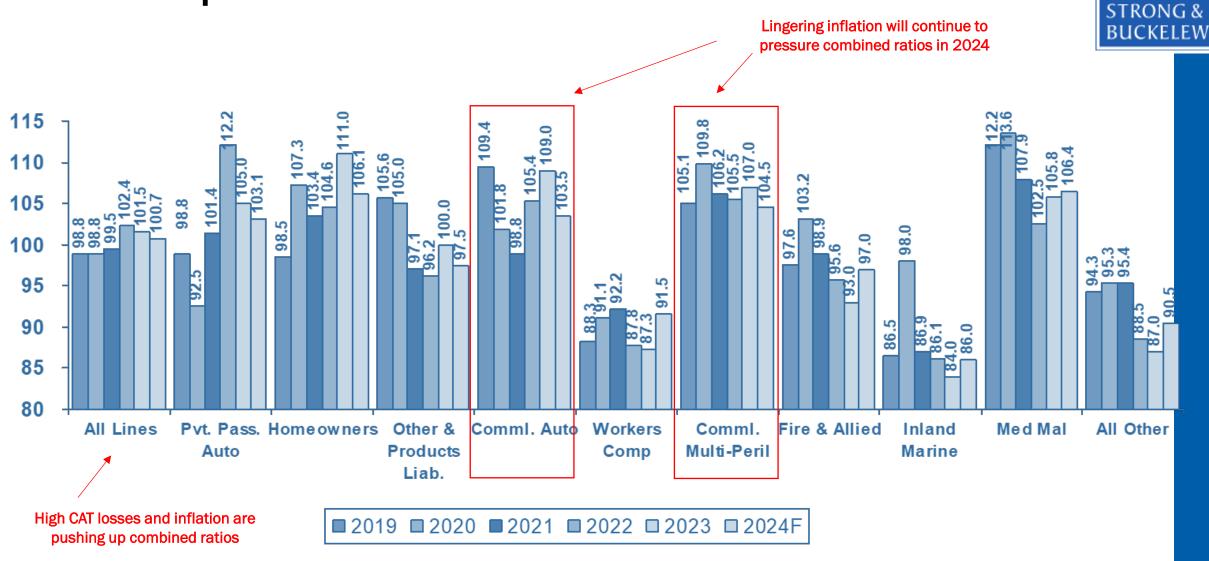
2024 was shaping up to be a great year then Helene and Milton happened DRIVERS





Sources: A.M Best (2016-2023; Swiss Re (2024F, 2025F), Risk & Uncertainty Management Center Univ. of South Carolina

Marketplace Overview

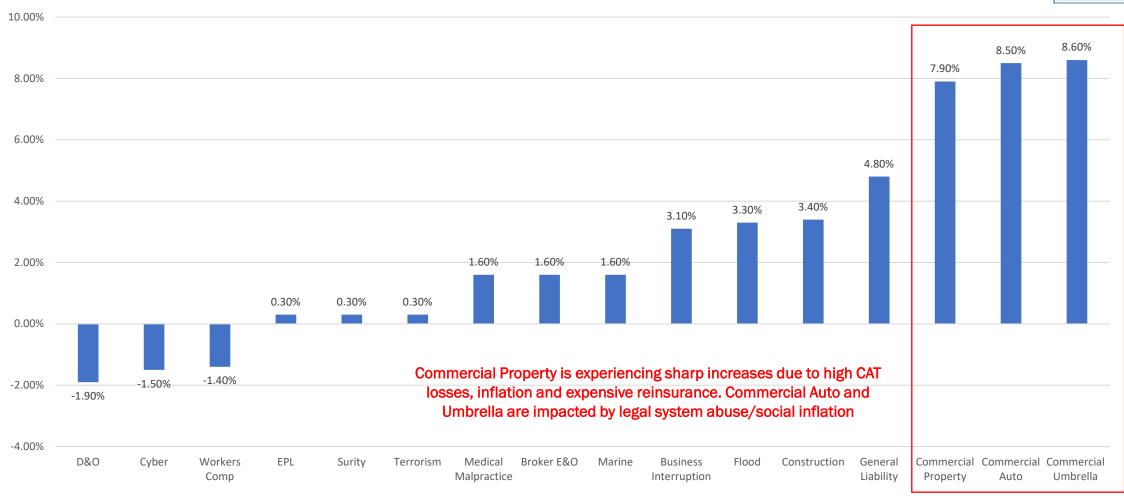


CONNER

Marketplace Overview



Change in Commercial Rate Renewal, by Line 2024 Q3



U.S. Catastrophic Property Events Over \$1B - Inflation Adjusted

1980 - Present

Events	Costs	Deaths
403	\$2, 917.5	16,918
9.0 per year	\$64.8B per year	376 per year

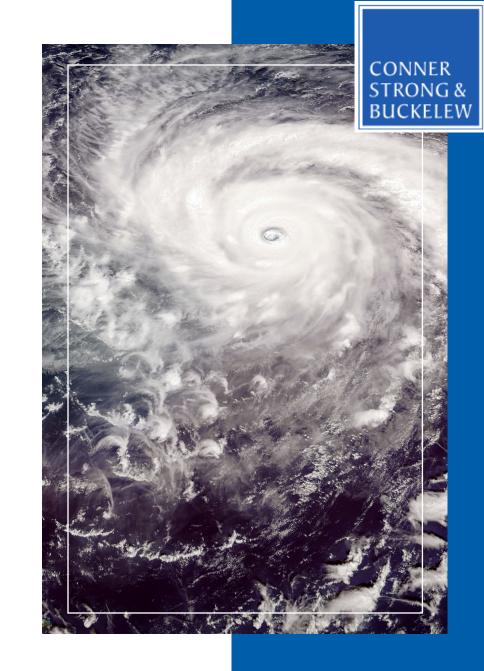
Last 5 Years

Events	Costs	Deaths
115	\$746.7	2,520
23 per year	\$149.3B per year	504 per year

Last Year (2024)

Events	Costs	Deaths
27	\$182.7	568
Rank: 2nd	Rank: 4th	Rank: 8th

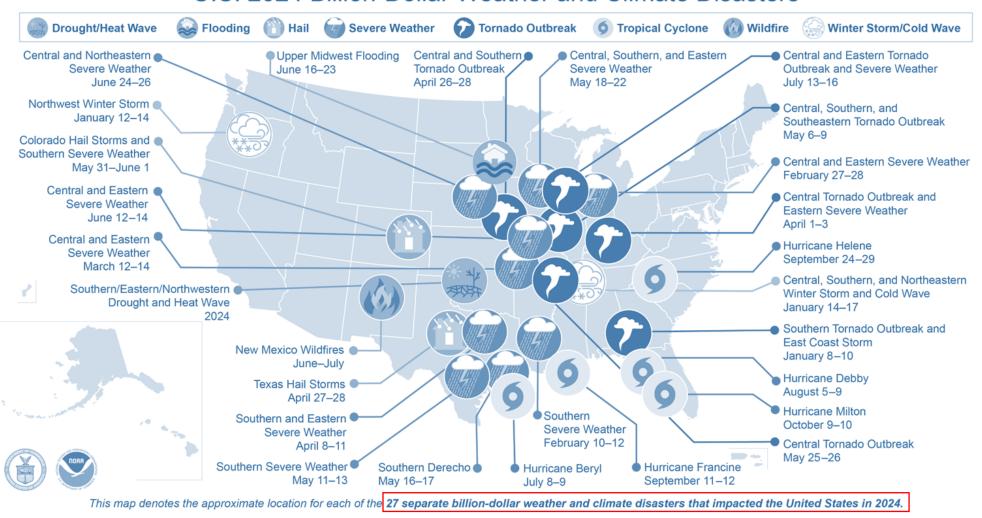
Sources: NOAA



28% of Billion Dollar events of the last 45 years happened since 2020.



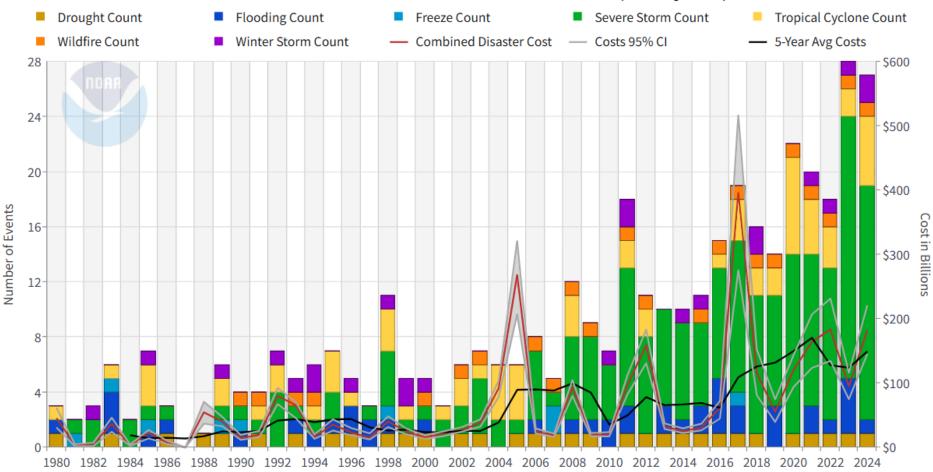
U.S. 2024 Billion-Dollar Weather and Climate Disasters



Sources: NOAA





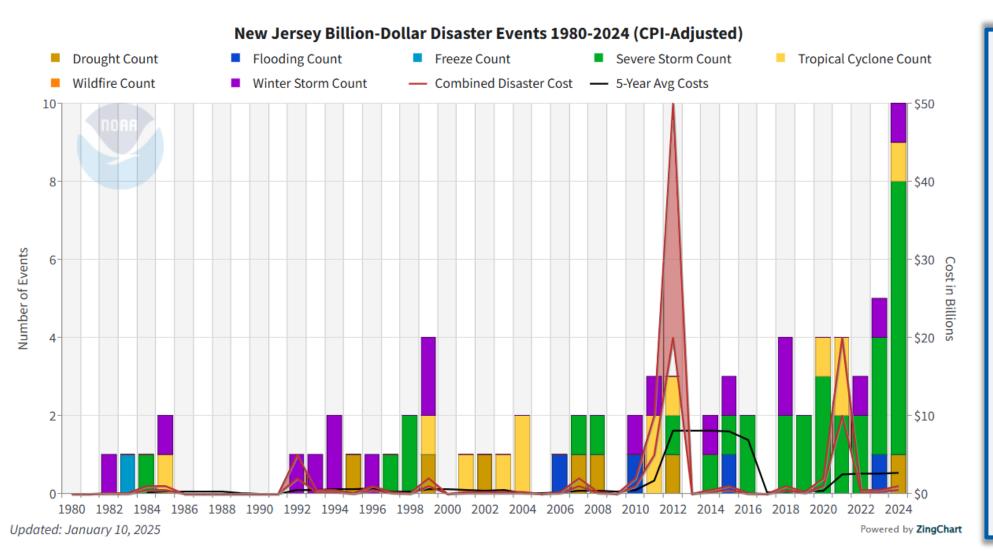


Updated: January 10, 2025

Powered by ZingChart

Sources: NOAA





Severe Storm, 13 Tropical
Cyclone, 18 Winter Storm, 4
Flooding, 7 Drought, and 1
Freeze billion-dollar disaster
events affected New Jersey
(CPI-adjusted).

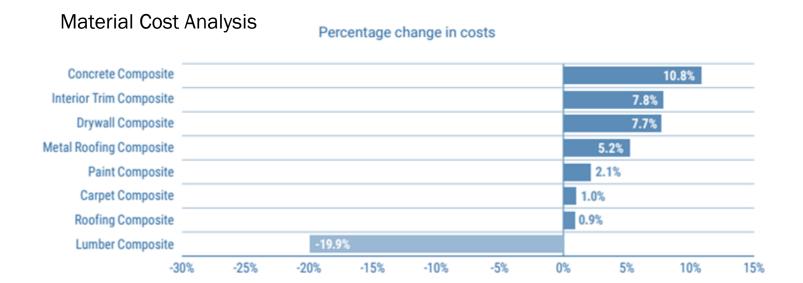
44 years - 75 events

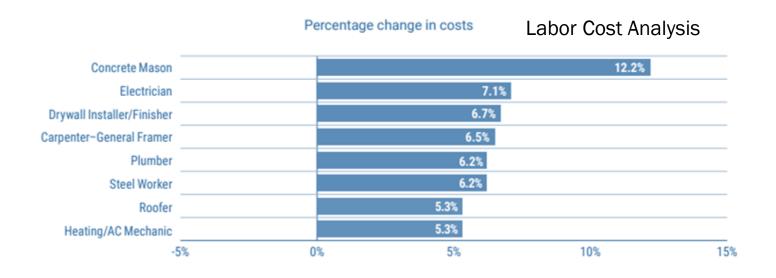
Between 2020 and 2024, 34% of all billion-dollar events have occurred.

Last 5 years - 26 events

Sources: NOAA

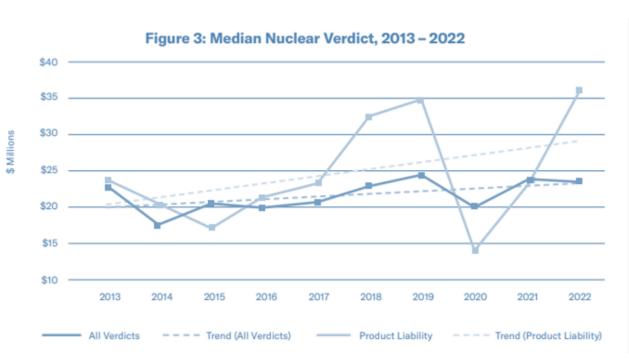


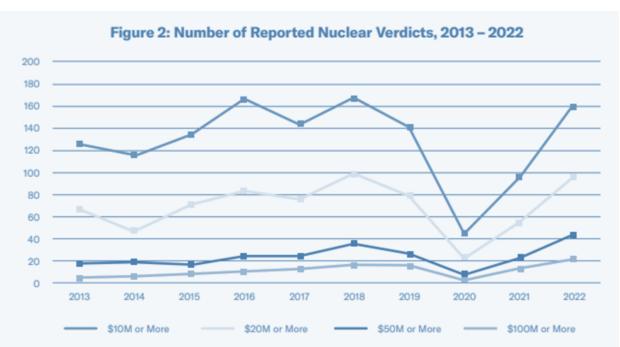




Social Inflation





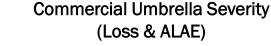


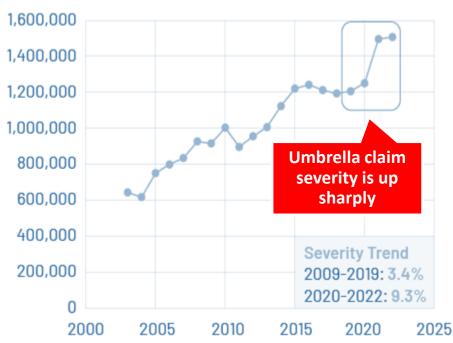
All Nuclear Verdicts +27.5% from \$19.3M in 2010 to \$24.6M in 2019

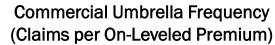
Auto Accident +63.2% from \$15.2M in 2010 to \$24.8M in 2019

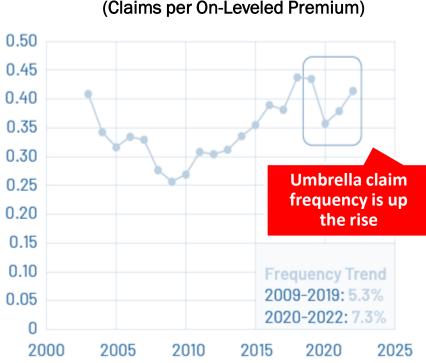
Social Inflation











"A decade ago, an average single-person loss that would be contained in primary limits is now well into Umbrella limits, and the tail associated with Commercial Umbrella claims has likely been underestimated"

-Gen Re

Contributing Factors

Legal system abuse

Nuclear verdicts

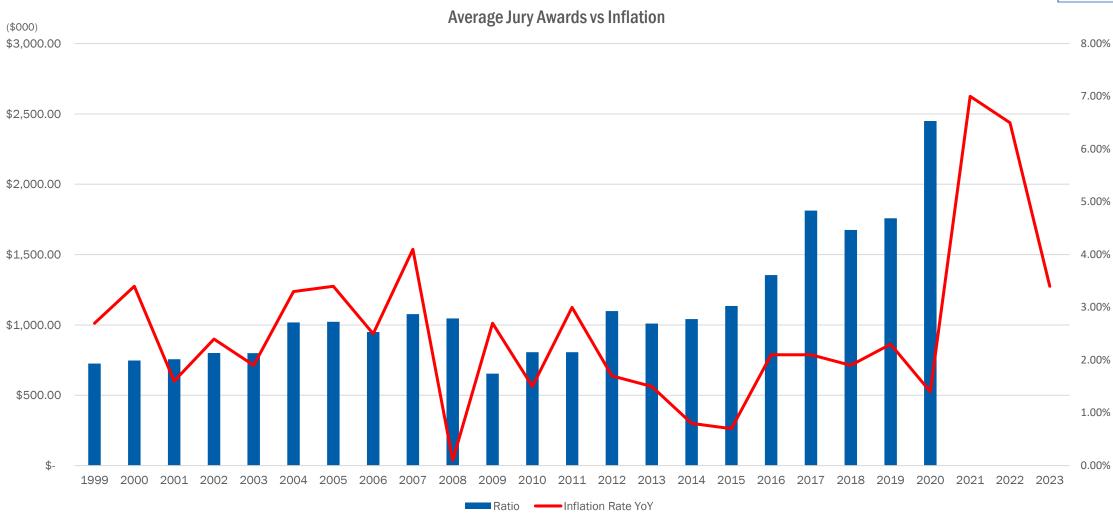
Sophisticated trial bar

3rd Party Litigation Funding

Distracted driving

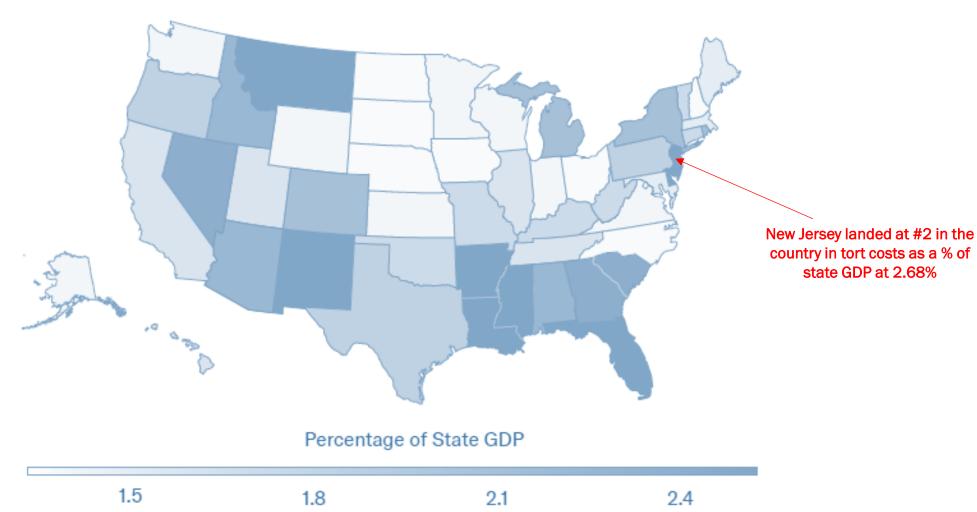
Aggravated damages





Tort Costs as Percent of State GDP, by State (2020)

Tort costs as a share of GDP stood at 2.1% for the US overall



Liability



Loss Triangle - NJ Public Entity Data

Periods	12 Months	24 Months	36 Months	48 Months	60 Months	72 Months	84 Months	96 Months	108 Months	120 Months
2010	0.00000	1.13780	1.11219	1.02746	0.91319	0.98333	1.01849	0.99108	0.99103	1.00132
2011	0.00000	1.36123	1.25182	1.14434	1.03126	1.01112	1.00174	0.98479	1.00885	
2012	0.00000	1.44473	1.43415	1.13501	1.24090	1.01582	1.00879	1.01139		
2013	0.00000	1.34765	1.40192	1.22095	1.28895	1.11341	1.04103			
2014	0.00000	1.84575	1.66130	1.43813	13 1.06501 1.12903					
2015	0.00000	1.64865	1.64527	1.35753	1.09476					
2016	0.00000	2.42395	1.51306	1.12617						
2017	0.00000	1.73054	1.56209							
2018	0.00000	1.74066								
2019	0.00000									

~55% Increase in LDF



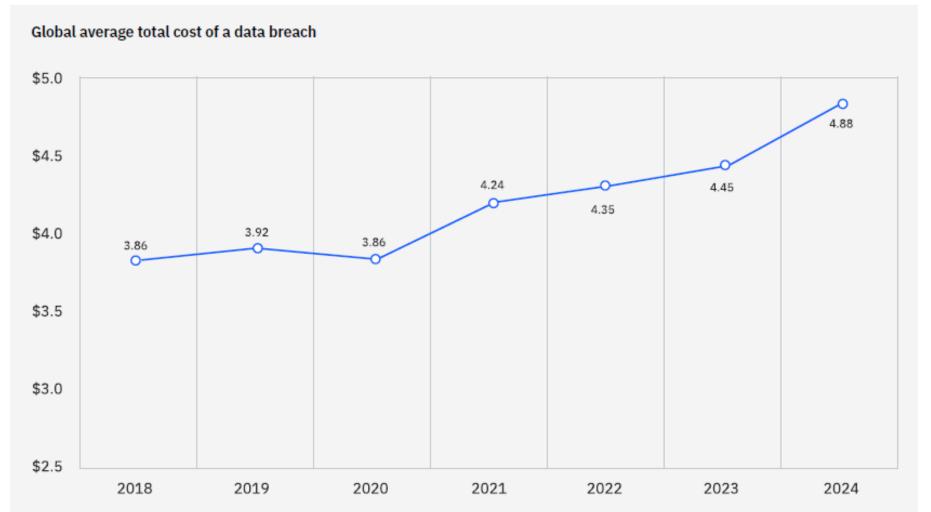
Claims Development



Claims Development Summary

- ✓ Social Inflation is starting to tail off
- ✓ SAM and Auto Liability represent majority of rise
- ✓ We are seeing multiple claims per year greater than \$1m.
- ✓ 2-year period:
 - 11.3% increase in last 5-year average versus previous 5-year period average (improving)
 - 23% increase over 10 years
 - 65% increase in average incurred since 2014
- ✓ 3-year period:
 - 6.7% increase in last 5-year average versus previous 5-year period average (improving)
 - 32% increase in average incurred since 2014





Top 5 countries and regions 2024 vs 2023

#	Cost change	2024	2023
1	\	United States \$9.36	United States \$9.48
2	1	Middle East \$8.75	Middle East \$8.07
3	1	Benelux \$5.90	Canada \$5.13
4	1	Germany \$5.31	Germany \$4.67
5	1	Italy \$4.73	Japan \$4.52

Figure 1. Measured in USD millions

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Average Total Cost and Frequency by Attack Vector

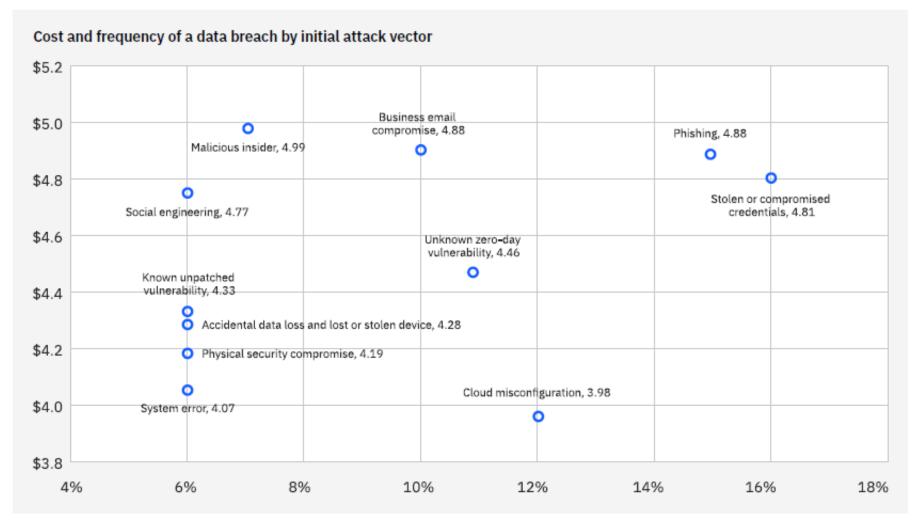


Figure 7. Measured in USD millions; percentage of all breaches

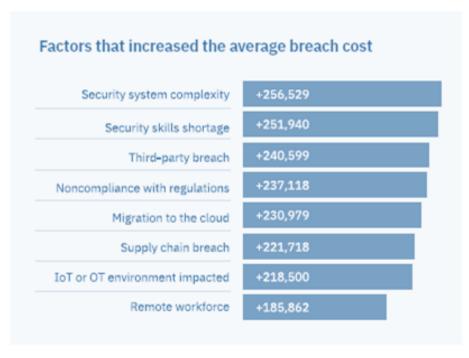
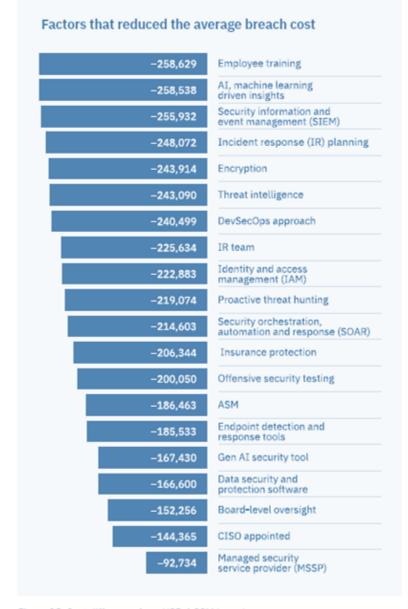


Figure 26. Cost difference from USD 4.88M breach average; measured in USD

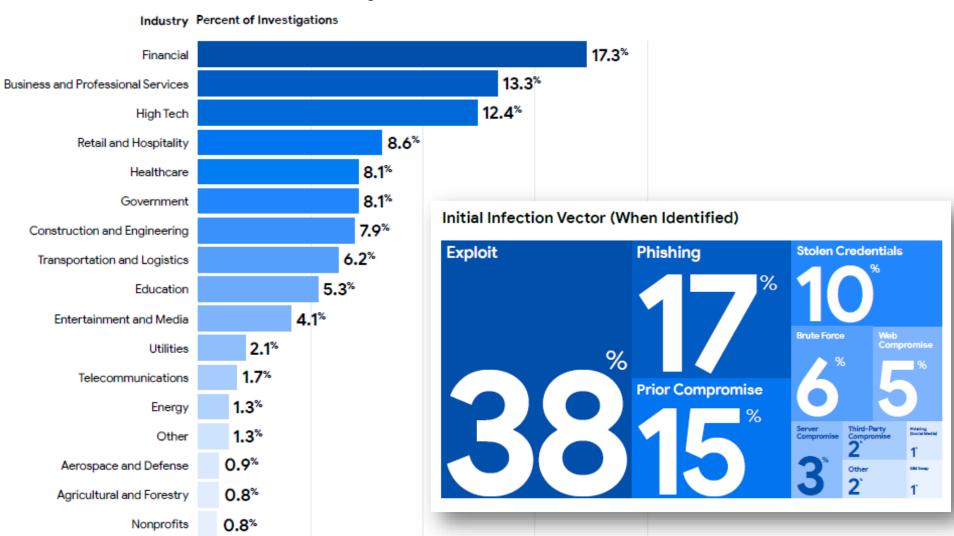




Global Industries Targeted, 2023

5

10



15

20

New Vulnerabilities with 9/10 CVSS3 Score

+6%

BGH Incidents Involving
Data Leaks

+76%

Average Loader Cost

+169%

Average Crypter Cost

+250%

Average Stealer Cost

+286%

Average Ransom Demand

-27%

Identified Spam Emails

-15%

Verizon DBIR Report 2024



Our ways-in analysis witnessed a substantial growth of attacks involving the exploitation of vulnerabilities as the critical path to initiate a breach when compared to previous years. It almost tripled (180% increase) from last year, which will come as no surprise to anyone who has been following the effect of MOVEit and similar zero-day vulnerabilities. These attacks were primarily leveraged by Ransomware and other Extortion-related threat actors. As one might imagine, the main vector for those initial entry points was Web applications.

Figure 1. Select ways-in enumerations in non-Error, non-Misuse breaches (n=6.963)

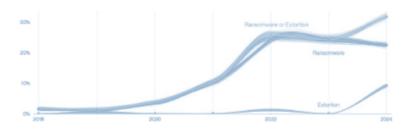


Figure 2. Ransomware and Extortion breaches over time

Roughly one-third of all breaches involved Ransomware or some other Extortion technique. Pure Extortion attacks have risen over the past year and are now a component of 9% of all breaches. The shift of traditional ransomware actors toward these newer techniques resulted in a bit of a decline in Ransomware to 23%. However, when combined, given that they share threat actors, they represent a strong growth to 32% of breaches. Ransomware was a top threat across 92% of industries.

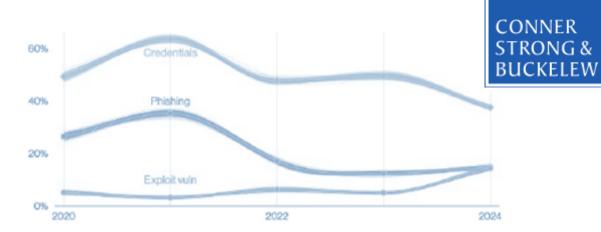


Figure 6. Select ways-in enumerations in non-Error, non-Misuse breaches over time

	Incidents				Breaches			
Industry	Total	Small (1-1,000)	Large (1,000+)	Unknown	Total	Small (1-1,000)	Large (1,000+)	Unknown
Total	30,458	919	1,298	28,241	10,626	617	986	9,023
Accommodation (72)	220	16	9	195	106	16	9	81
Administrative (56)	28	7	7	14	21	6	4	11
Agriculture (11)	79	5	0	74	56	4	0	52
Construction (23)	249	17	6	226	220	12	5	203
Education (61)	1,780	82	630	1,068	1,537	56	618	863
Entertainment (71)	447	16	2	429	306	10	1	295
Finance (52)	3,348	75	122	3,151	1,115	54	87	974
Healthcare (62)	1,378	54	21	1,303	1,220	41	18	1,161
Information (51)	1,367	79	62	1,226	602	49	19	534
Management (55)	22	4	1	17	19	4	1	14
Manufacturing (31-33)	2,305	102	81	2,122	849	62	49	738
Mining (21)	30	1	2	27	20	1	1	18
Other Services (81)	462	13	5	444	417	8	5	404
Professional (54)	2,599	205	102	2,292	1,314	124	73	1,117
Public Administration (92)	12,217	56	115	12,046	1,085	39	27	1,019
Real Estate (53)	432	35	5	392	399	29	2	368
Retail (44-45)	725	90	47	588	369	55	32	282
Transportation (48-49)	260	21	38	201	138	17	12	109
Utilities (22)	191	17	11	163	130	12	6	112
Wholesale Trade (42)	76	22	21	33	54	17	14	23
Unknown	2,243	2	11	2,230	649	1	3	645
Total	30,458	919	1,298	28,241	10,626	617	986	9,023

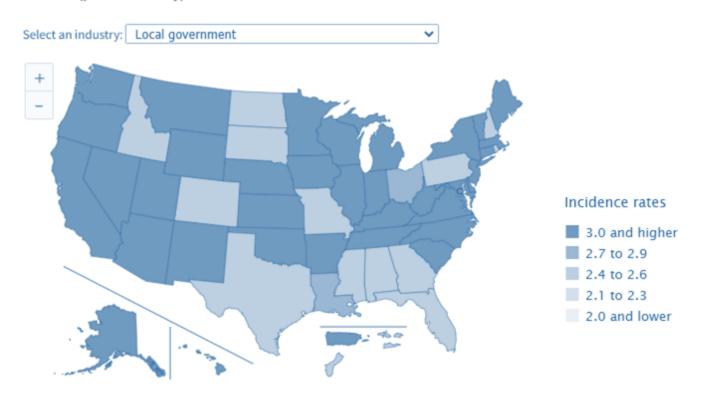
Table 2. Number of security incidents and breaches by victim industry and organization size

Marketplace Overview - Workers' Compensation



Map 1. Incidence rates of nonfatal occupational injuries and illnesses by state and selected industries, 2023

U.S. rate (private industry) = 2.4



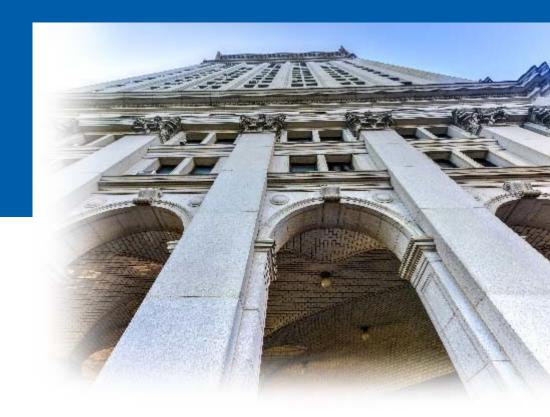
State	State & Local Government Incident Rate
California	6.6
New York	5.7
Maryland	5.4
Vermont	5.3
Connecticut	5.1
New Jersey	5.0
Washington	5.0
Nevada	4.9
Oklahoma	4.7

The Garden State comes in at #1 in Workers Compensation Costs in the Country, with a \$2.44 index rate that's 175% higher than the median. It was ranked at #3 in 2018.

Sources: bls.gov, workcompone

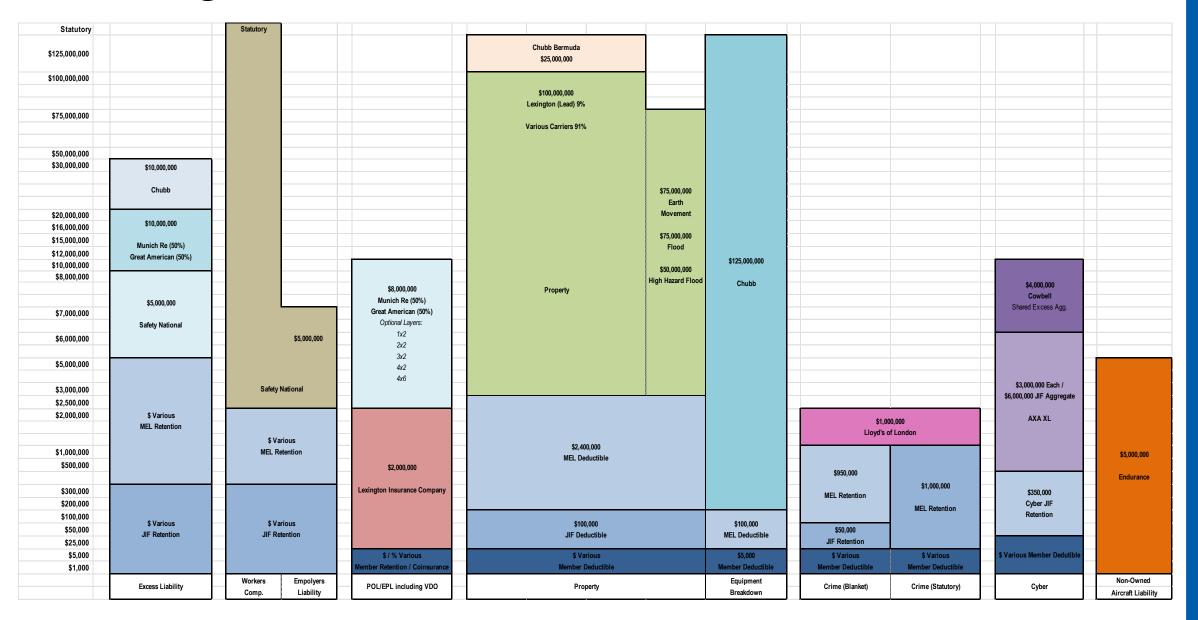
Renewal Review

Detailed Review of Renewal Changes





Program Schematic



Property

Overview

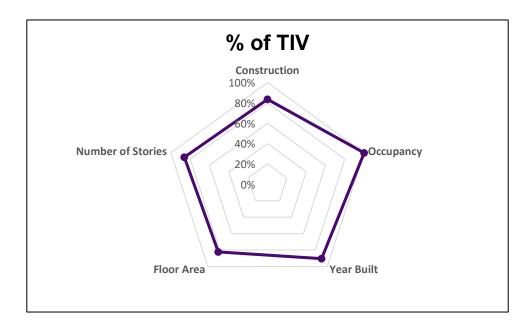
- During marketing, we ended up being oversubscribed for a second year in a row, this time by nearly 40%. With competition in hand, a key goal this year was to restructure the program to further enhance future stability, which primarily includes picking the right insurers.
- Overall, we achieved a 15% rate decrease versus expiring, saving millions of dollars for the MEL.
- We will be entering year two of our new relationship with Chubb on the Equipment Breakdown coverage. We will be at a 2% rate increase for 2025.
- Terrorism remains placed separately with Hiscox

Property

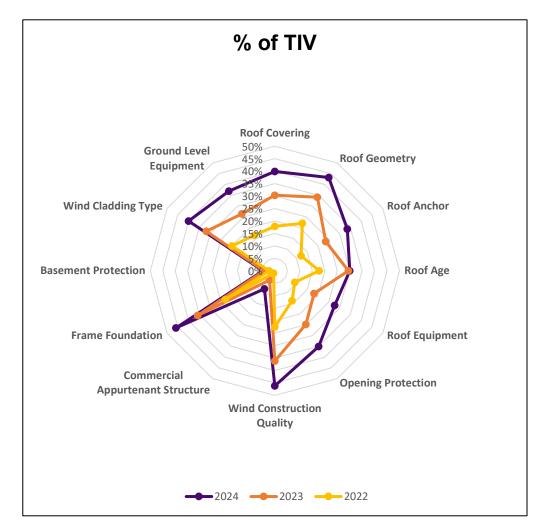
All-Risk Structure

\$125,000,000 \$100,000,000														\$25,0	00,000 (10		of \$25,000 c/Chubb B		ss \$100,00	00,000												
\$75,000,000 \$50,000,000	\$9,000,0 00 (9%) part of \$100M	\$5,000,0 00 (5%) part of		00 (4.5%) part of	\$4,000,0 00 (4%) part of	00 (3.5%) part of	part of	00 (1%) part of \$100M	\$2,000,0 00 (2%) part of \$100M	\$2,000,0 00 (2%) part of	0 (0.75%) part of	0 (0.75%) part of		00 (3%) part of \$100M	00 (1%) part of \$100M	93,000,0 00 (3%) part of	(2.5%) part of	\$5,000,0 00 (5%) part of	\$2,250,0 00 (2.25%) part of \$100M	00 (2.5%) part of	00 (2.88%) part of	\$2,853,0 00 (2.853%) part of	00 (2.88%) part of	00 (2.283%) part of	00 (2.854%) part of		part of part of \$50M \$50N excess excess \$50M \$50N	\$2,000,0 \$2,000,0 00 (4%) f part of \$50M excess \$50M Markel	00 (4.5%) part of \$50M excess \$50M	\$2,250,0 00 (4.5%) part of \$50M excess \$50M Canopius	\$2,250,0 00 (4.5%) part of \$50M excess \$50M Core Specialty	00 (4.5%) part of \$50M excess
\$25,000,000	Drimary	Primary	\$100M Primary Ironshor e	Primary	\$100M Primary Starr	Primary Lloyds/		Lloyds/ Blenhei	Primary Lloyds/ Palomar	Primary Lloyds/	Primary	Primary Lloyds/	\$100M Primary Lloyds/ Canopius	Lloyds/ Rockston	Lloyds/	Primary	\$100M Primary Lloyds / Ark 1	Primary Lloyds/F	Primary i Lloyds/ Lancashi re	Primary Llovds/	Primary Lloyds/	\$100M Primary Lloyds/ Apollo	Primary Lloyds/	Primary Lloyds	Primary	Primary Lloyds/ Ark 2	\$3,500,000 (7% part of \$50M Primary Munich	\$2,250,0 00 (4.5%) part of \$50M Primary Westche ster	00 (2.5%) part of \$50M	part of \$50M Primary	\$2,500,0 00 (5%) part of \$50M	part of \$50M Primary Lloyds/C

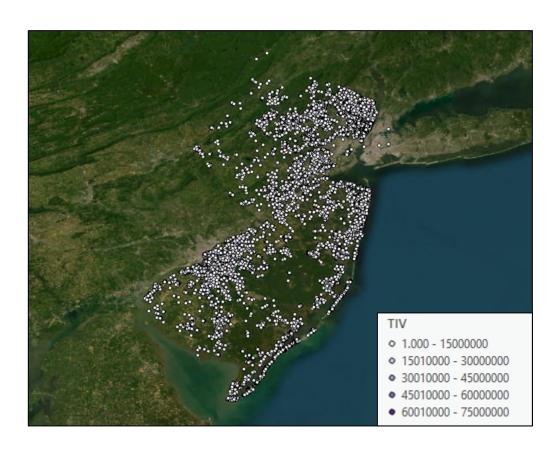
Property



Geocoding Resolution	Count	TIV	% TIV
Client	7,690	9,218,731,318	60.18%
Manual	18	55,456,711	0.36%
Rooftop	3835	3856404329	25.18%
Address	440	312,268,972	2.04%
Street	4,059	1,355,932,820	8.85%
Block Group	167	50,474,879	0.33%
Postcode	1,513	456,879,399	2.98%
City	27	11,763,435	0.08%
Total	17,749	15,317,911,863	100%

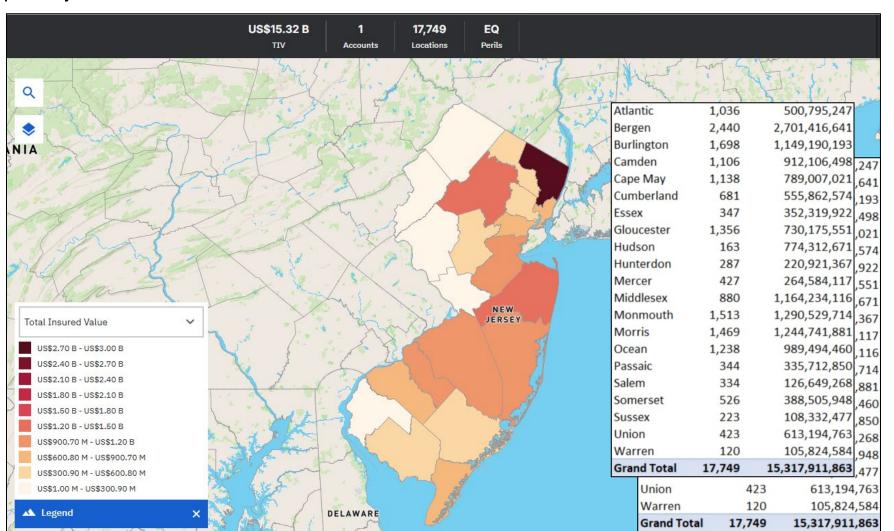


Property

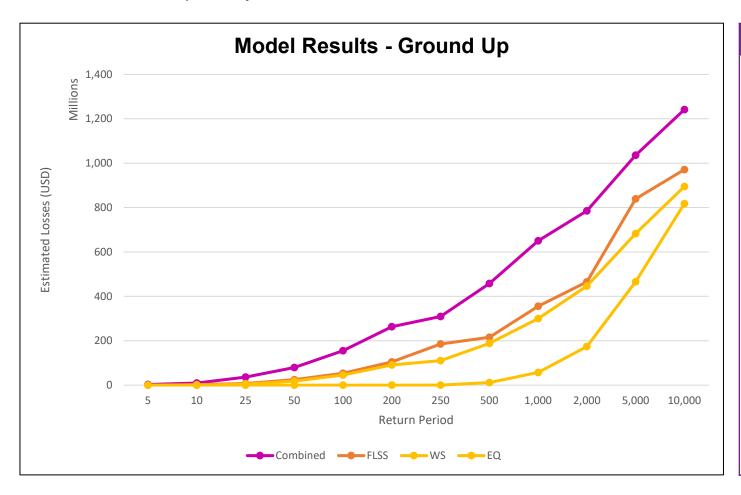


FEMA FL Zone	Count		TIV	% of TIV
A	1	29	59,745,911	0%
A11		1	496,644	0%
A15		8	601,934	0%
A2		7	4,012,095	0%
A3		6	4,753,197	0%
A4		11	3,697,440	0%
A5		6	15,294,073	0%
A6		12	9,934,494	0%
A7		8	2,339,168	0%
A8		3	666,577	0%
A9		6	4,322,440	0%
AE	2,6	30	2,115,364,489	14%
AO		35	38,752,816	0%
В		32	40,295,602	0%
c	6	97	524,613,515	3%
D		19	23,548,698	0%
NMA	6	52	314,976,414	2%
SHX	6	67	526,663,425	3%
VE	1	.40	95,312,657	1%
x	12,6	46	11,512,917,494	75%
Blank		34	19,602,780	0%
Grand Total	17,7	49	15,317,911,863	100%

Property



Property



All Perils Combined version 24 and HD v1.2			
		Ground Up	Gross Loss
	Modelled Exposure	15,317,911,863	15,317,911,863
0.01%	10,000	1,241,544,821	987,785,578
0.02%	5,000	1,036,101,816	884,912,539
0.05%	2,000	785,064,442	683,233,747
0.10%	1,000	650,218,961	499,859,500
0.20%	500	457,633,176	393,498,485
0.40%	250	309,441,003	254,208,342
0.50%	200	263,310,703	217,123,494
1.00%	100	155,296,377	127,658,319
2.00%	50	79,576,550	63,556,060
4.00%	25	36,330,801	22,055,254
10.00%	10	9,419,809	1,196,931
20.00%	5	2,935,503	0.038403369
Average Annual Loss		8,292,987	5,163,774
Standard Deviation		45,925,430	37,823,222
Coefficient of Variation		5.53786319	7.324724946

Liability

Overview - \$15m x \$5m

- Program was heavily marketed due to subpar results and changing underwriting over past few years.
- Munich indicated a 30%+ rate increase on the incumbent layer of \$15m x \$5m; however, we had new options in hand.
- The new program for 2025 will be as follows:
 - \$5m x \$5m: Safety National
 - □ \$10m x \$10m: 50% / 50% quota share with Munich and Great American
- The marketing effort and restructuring is adding much more stability to the MEL program and generating a 5% rate decrease.

Overview - \$10m x \$20m

Chubb will continue in this layer, coming in at a small \$20k increase.

Workers' Compensation

Overview

• We enter the final year of the three-year rate agreement with Safety National, with a 2% rate increase.

Public Officials & Employment Practices

Overview - Primary \$2m

• We have negotiated a 4% rate increase, along with a \$10 increase in defense attorney fees, as follows:

Partner: \$160 to \$170Associate: \$140 to \$150Paralegal: \$75 to \$85

- There are Deductible changes for certain members:
 - Toms River: Increase from \$20,000 to \$35,000
 - Palisades Park: Increase from \$150,000 to \$200,000
 - Hackensack: Decrease POL deductible from \$100,000 to \$35,000
 - Englewood Cliffs: Decrease deductible from \$350,000 to \$150,000
- Reminder that Volunteer Directors & Officers is now a part of the regular POL / EPL policy
 - Members interested in the coverage must still request to be added and separately endorsed
 - Coverage subject to a \$1,000 deductible

Overview - \$8m x \$2m

• Matching the restructuring of some of the Casualty program, we have reduced Munich from a 100% share to a 50% share and added Great American on the remaining 50%. This restructuring generated significant savings.

Cyber (Cyber JIF)

Overview - Primary \$3m / \$6m

- AXA XL continues to be an excellent partner for the Cyber JIF, and was able to deliver a 7% rate decrease for the renewal.
- Increased CyberCrime limit from \$100k to \$250k.

Overview - \$4m Excess \$6m

• Cowbell will be continuing its relationship with the MEL, with an overall price discount.

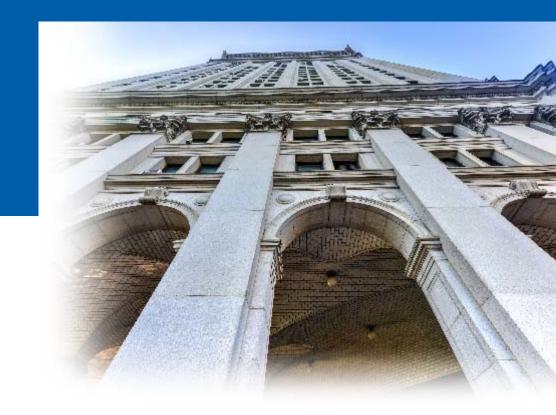
Non-Owned Aircraft

No changes

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Looking Forward

Planning for 2025 and Beyond





Looking Forward

Property

 We appreciate your continued support in getting the appraisals completed. Ensure any buildings not getting appraised and any renovations/new projects are entered in Origami with full COPE info and values.

Casualty

- Continue the efforts from JAM in law enforcement risk control and getting police departments certified.
- Lookout for risk control updates regarding stormwater management this year.

Public Officials & Employment Practices

- Land Use risk control guidance is still critical to deploy and follow, as there are ever-increasing numbers of these claims.
- Continue to stay on top of employment law updates and ensure your EPL Handbooks are updated accordingly.

Cyber

- Claims trends, especially severity, continue to increase. Lookout for a big push on the Basic Security controls.
- Best practices for Artificial Intelligence will be rolled out this year.



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