Cook County, Illinois

Actuarial Analysis – Workers Compensation and Liability

Evaluated as of November 30, 2024

Issue Date – April 1, 2025



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Introduction

Purpose

Aon Global Risk Consulting ("AGRC") was retained by Cook County (the County) to perform an actuarial analysis of its retained loss liabilities for workers compensation and liability. The unpaid loss estimates in our analysis are provided to assist the County with its financial reporting requirements. The purpose of this report is to provide assistance to the County in establishing a reasonable estimate of retained losses and defense cost and containment expense (also known as allocated loss adjustment expense, "ALAE") as of November 30, 2024.

Scope

The scope of our analysis is as follows:

- Provide a point estimate by coverage for the retained unpaid loss and ALAE for the County as of November 30, 2024.
    - Coverages include workers compensation (WC), medical malpractice (MM), general liability (GL), automobile liability (AL), law enforcement liability (LEL), other liability (OL), and claim expense. These coverages are further organized as follows.
        - WC: Healthcare Facilities – Indemnity, Healthcare Facilities – Medical, General Government – Indemnity, and General Government – Medical
        - MM: Cermak, John H. Stroger, and Provident/Oak Forest/Unspecified
        - GL
        - AL
        - LEL
        - OL
        - Claim Expense
    - The selected point estimate for unpaid loss and ALAE is presented on a discounted and undiscounted basis.
- Provide a point estimate by coverage for the forecasted losses within policy retentions for years 12/1/24-25, 12/1/25-26, and 12/1/26-27 for all coverages.
- Provide a point estimate for losses paid (including ALAE for workers compensation) during the 12/1/24-25, 12/1/25-26, and 12/1/26-27 claim periods.

The "Selected" unpaid loss estimates presented in this report are actuarial central estimates (i.e., expected values over a range of reasonably possibly outcomes). Our unpaid claim estimates are presented on a discounted and undiscounted basis. We have performed no additional work to verify the financial condition of the assuming insurance companies or the collectability of insured losses. Other program costs, such as unallocated loss adjustment expenses, insurance costs, or loss- or exposure-based assessments, are not within the scope of this analysis. The impact of any catastrophic risk exposure has not been included in this analysis.

Elissa Sirovatka and Matthew Schira are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

We performed this analysis in accordance with all relevant Actuarial Standards of Practice.

Please contact us if you have any questions regarding this report.

Respectfully submitted,

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Conditions and Limitations

Inherent Uncertainty

Actuarial calculations produce estimates of inherently uncertain future contingent events. We believe that the estimates provided represent reasonable provisions based on the appropriate application of actuarial techniques to the available data. However, there is no guarantee that actual future payments will not differ from estimates included herein.

Extraordinary Future Emergence

Our projections make no provision for the extraordinary future emergence of losses or types of losses not sufficiently represented in the historical data or which are not yet quantifiable. The estimates provided in this report have not been adjusted for the potential impact of the COVID-19 pandemic. The potential risks of this emerging risk are currently not fully known. Consequently, the uncertainty in our estimates is greater than it would otherwise be.

Data Reliance

In conducting this analysis, we relied upon the provided data without audit or independent verification; however, we reviewed it for reasonableness and consistency. Any inaccuracies in quantitative data or qualitative representations could have a significant effect on the results of our review and analysis.

Recoverable Collectability

We have implicitly estimated the County's (re)insurance recoverable amounts. However, we have performed no additional work to verify the claims payment ability of the (re)insurers or third parties.

Discounting

The uncertainty inherent in the discounted unpaid loss estimates is greater than that of the undiscounted unpaid loss estimates. This is because undiscounted liabilities normally contemplate an implicit risk margin for the uncertainty in the loss estimation process (e.g., under-estimation). Discounting removes this implicit risk margin and would subject the unpaid loss estimates to additional risks such as yields on the investment portfolio. Additionally, future loss payments could occur more or less rapidly than expected due to random variation and the timing of claim payments. We made no adjustment to account for these risks. The interest rate used to discount the unpaid losses was provided by the County.

Use and Distribution

Use of this report is limited to the County for the specific purpose described in the Introduction section. Other uses are prohibited without an executed release with Aon.

Distribution within the County's Bureau of Finance is unrestricted. We recognize that this report may be distributed to the County's auditors. No further distribution of this report is permitted unless authorized by Aon. The report should only be distributed in its entirety including all supporting exhibits.

Executive Summary

Summary of Results

The unpaid liability estimates as of 11/30/24 by coverage and confidence level are shown in the table below. The estimated unpaid liability estimates include case reserves, the development of known claims and incurred but not yet reported (IBNYR) claims. The amounts are limited to the self-insured retention for each coverage.

The present value of the estimated outstanding losses is the estimated outstanding losses discounted to reflect future investment earnings assuming a 4.10% interest rate.

Coverage (1)	Full Value			Present Value		
	Expected (2)	70% Level (3)	90% Level (4)	Expected (5)	70% Level (6)	90% Level (7)
I. Healthcare Facilities						
(Ai) Indemnity	$23,646,139	$25,300,424	$28,669,291	$ 20,291,592	$21,711,192	$24,602,136
(Aii) Medical	12,252,226	13,557,475	16,687,402	10,512,174	11,632,052	14,317,470
(A) Workers Compensation	**$35,898,366**	**$38,857,899**	**$45,356,693**	**$30,803,766**	**$33,343,244**	**$38,919,606**
(Bi) Cermak	4,000,000	4,076,487	8,534,946	3,532,295	3,599,839	7,536,987
(Bii) John H. Stroger	141,606,469	160,430,835	237,146,289	124,193,802	140,703,426	207,985,550
(Biii) Provident/Oak Forest/Unspecified	7,114,285	7,248,684	15,364,611	6,281,126	6,399,786	13,565,251
(B) Medical Malpractice	**$152,720,754**	**$171,756,006**	**$261,045,847**	**$134,007,223**	**$150,703,051**	**$229,087,788**
(C) Claim Expense	3,582,715	4,084,295	5,194,936	3,143,709	3,583,829	4,558,379
(D) Subtotal	**$192,201,834**	**$214,698,200**	**$311,597,476**	**$167,954,698**	**$187,630,124**	**$272,565,773**
II. General Government						
(Ei) Indemnity	$222,044,358	$240,634,321	$280,319,111	$ 184,853,131	$200,329,376	$233,367,178
(Eii) Medical	67,673,923	74,624,401	91,068,080	58,513,281	64,522,912	78,740,702
(E) Workers Compensation	**$289,718,281**	**$315,258,722**	**$371,387,191**	**$243,366,412**	**$264,852,288**	**$312,107,880**
(F) General liability	5,235,743	5,600,538	10,483,623	4,956,986	5,302,359	9,925,463
(G) Automobile liability	4,471,959	4,706,760	9,059,911	4,195,335	4,415,612	8,499,489
(H) Law enforcement liability	445,308,175	501,532,236	655,408,212	379,935,734	427,905,951	559,192,519
(I) Other liability	80,043,485	90,895,740	124,068,370	76,385,549	86,741,863	118,398,524
(J) Claim Expense	154,486,226	176,114,298	224,005,028	134,394,920	153,210,209	194,872,635
(K) Subtotal	**$979,263,869**	**$1,094,108,295**	**$1,394,412,334**	**$843,234,936**	**$942,428,283**	**$1,202,996,509**
(L) Total	**$1,171,465,703**	**$1,308,806,495**	**$1,706,009,810**	**$1,011,189,635**	**$1,130,058,407**	**$1,475,562,282**

Note: (2) and (5) are from Summary Exhibit 1.

(3), (4), (6), and (7) are based on actuarial judgment.

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Comparison to prior

Undiscounted outstanding losses excluding claim expenses increased from $979.4 million as of November 30, 2023, to $1.013 billion as of November 30, 2024. A comparison of case reserves, IBNR, and total outstanding losses (excluding claim expense reserves) from the prior actuarial study to the current study is shown in the table below (in thousands).

Claim Period (1)	As of 11/30/23			As of 11/30/24			Change		
	Case Reserves (2)	IBNR (3)	Total (4)	Case Reserves (5)	IBNR (6)	Total (7)	Case Reserves (8)	IBNR (9)	Total (10)
Prior	$112,492	$26,766	$139,258	$177,671	$42,344	$220,014	$65,179	$15,578	$80,756
12/1/2001	0	9	9	5,000	150	5,150	5,000	141	5,141
12/1/2002	4,986	154	5,140	943	65	1,008	(4,043)	(89)	(4,132)
12/1/2003	2,008	216	2,224	1,978	185	2,163	(30)	(31)	(61)
12/1/2004	768	186	954	5,676	413	6,089	4,908	226	5,134
12/1/2005	890	211	1,101	15,846	579	16,425	14,956	368	15,324
12/1/2006	5,547	545	6,092	4,045	355	4,400	(1,502)	(190)	(1,692)
12/1/2007	141	455	595	0	166	166	(141)	(289)	(429)
12/1/2008	449	398	848	60	296	356	(389)	(103)	(492)
12/1/2009	2,074	757	2,831	1,735	566	2,301	(339)	(191)	(530)
12/1/2010	3,392	1,133	4,526	3,340	1,968	5,308	(53)	835	782
12/1/2011	5,632	3,685	9,317	8,847	4,219	13,066	3,216	534	3,750
12/1/2012	8,260	1,756	10,016	6,527	1,336	7,863	(1,733)	(420)	(2,153)
12/1/2013	28,052	4,119	32,171	21,670	3,269	24,938	(6,383)	(850)	(7,233)
12/1/2014	4,935	5,306	10,241	10,510	3,115	13,625	5,574	(2,191)	3,383
12/1/2015	26,505	7,874	34,379	6,065	5,850	11,915	(20,440)	(2,024)	(22,465)
12/1/2016	19,874	9,838	29,711	19,810	8,383	28,193	(64)	(1,454)	(1,519)
12/1/2017	27,769	14,659	42,427	25,734	10,010	35,744	(2,035)	(4,649)	(6,684)
12/1/2018	22,502	21,450	43,953	24,206	12,346	36,552	1,703	(9,104)	(7,401)
12/1/2019	65,079	32,002	97,081	43,565	22,950	66,515	(21,513)	(9,052)	(30,566)
12/1/2020	62,382	45,976	108,358	43,095	31,609	74,704	(19,287)	(14,367)	(33,654)
12/1/2021	129,804	84,592	214,396	86,053	48,854	134,907	(43,751)	(35,738)	(79,489)
12/1/2022	69,795	113,995	183,790	51,274	85,485	136,759	(18,521)	(28,510)	(47,031)
12/1/2023	0	0	0	45,952	119,287	165,239	45,952	119,287	165,239
Total	$603,336	$376,081	$979,417	$609,599	$403,798	$1,013,397	$6,263	$27,717	$33,980

Note: (2) through (4) are from the prior actuarial study.
(5) through (7) are from Summary Exhibit 11.

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12/1/24-25 Projection

The below table displays the projected ultimate limited losses for 12/1/24-25. The projected ultimate limited losses are the accrual value of losses with accident dates during 12/1/24-25 regardless of report or payment date.

The present value of the estimated outstanding losses is the estimated outstanding losses discounted to reflect future investment earnings and is based on a 4.10% interest rate.

Coverage (1)	Full Value			Present Value		
	Expected (2)	70% Level (3)	90% Level (4)	Expected (5)	70% Level (6)	90% Level (7)
I. Healthcare Facilities						
(Ai) Indemnity	$5,000,000	$5,528,000	$5,021,000	$4,300,000	$4,754,000	$4,318,000
(Aii) Medical	2,700,000	3,059,000	3,999,000	2,400,000	2,719,000	3,555,000
(A) Workers Compensation	**$7,700,000**	**$8,587,000**	**$9,020,000**	**$6,700,000**	**$7,473,000**	**$7,873,000**
(Bi) Cermak	820,000	615,000	1,392,000	640,000	480,000	1,086,000
(Bii) John H. Stroger	30,800,000	34,360,000	60,288,000	24,200,000	26,997,000	47,369,000
(Biii) Provident/Oak Forest/Unspecified	1,170,000	878,000	1,962,000	920,000	690,000	1,543,000
(B) Medical Malpractice	**$32,790,000**	**$35,853,000**	**$63,642,000**	**$25,760,000**	**$28,167,000**	**$49,998,000**
(C) Subtotal	**$40,490,000**	**$44,440,000**	**$72,662,000**	**$32,460,000**	**$35,640,000**	**$57,871,000**
II. General Government						
(Di) Indemnity	$63,000,000	$52,254,000	$63,525,000	$52,600,000	$43,628,000	$53,039,000
(Dii) Medical	24,400,000	27,731,000	36,677,000	22,100,000	25,117,000	33,220,000
(D) Workers Compensation	**$87,400,000**	**$79,985,000**	**$100,202,000**	**$74,700,000**	**$68,745,000**	**$86,259,000**
(E) General liability	1,257,000	990,000	2,022,000	1,111,000	875,000	1,787,000
(F) Automobile liability	2,220,000	2,313,000	4,691,000	2,020,000	2,105,000	4,268,000
(G) Law enforcement liability	30,900,000	34,709,000	50,812,000	24,600,000	27,632,000	40,452,000
(H) Other liability	16,200,000	18,633,000	26,960,000	13,700,000	15,758,000	22,799,000
(I) Subtotal	**$137,977,000**	**$136,630,000**	**$184,687,000**	**$116,131,000**	**$115,115,000**	**$155,565,000**
(J) Total	**$178,467,000**	**$181,070,000**	**$257,349,000**	**$148,591,000**	**$150,755,000**	**$213,436,000**

Note: (2) and (5) are from Summary Exhibit 3.
(3), (4), (6), and (7) are based on actuarial judgment.

Projected Paid Losses

We project losses paid during 12/1/24-25 through 12/1/26-27 to be as shown below. The projected losses paid are the claim disbursements during 12/1/24-25, 12/1/25-26, and 12/1/26-27, regardless of accident or report date.

Coverage (1)		FY2025 (2)	FY2026 (3)	FY2027 (4)
I. Healthcare Facilities				
	(Ai) Indemnity	$3,422,989	$3,304,614	$3,257,271
	(Aii) Medical	1,495,223	1,328,939	1,234,776
	(A) Workers Compensation	**$4,918,211**	**$4,633,553**	**$4,492,047**
	(Bi) Cermak	621,096	767,490	658,560
	(Bii) John H. Stroger	20,756,803	22,947,267	28,594,570
	(Biv) Provident/Oak Forest/Unspecified	1,090,566	1,488,246	1,070,603
	(B) Medical Malpractice	**$22,468,465**	**$25,203,003**	**$30,323,733**
	(C) Subtotal	**$27,386,676**	**$29,836,557**	**$34,815,780**
II. General Government				
	(Di) Indemnity	$34,161,104	$35,611,090	$37,168,680
	(Dii) Medical	10,867,730	10,377,499	10,434,070
	(D) Workers Compensation	**$45,028,834**	**$45,988,589**	**$47,602,749**
	(E) General liability	2,408,143	2,038,348	1,311,721
	(F) Automobile liability	2,086,004	2,242,135	2,378,327
	(G) Law enforcement liability	30,023,904	25,593,688	22,338,582
	(H) Other liability	8,324,495	7,380,298	7,103,674
	(I) Subtotal	**$87,871,380**	**$83,243,059**	**$80,735,054**
	(J) Total	**$115,258,057**	**$113,079,615**	**$115,550,835**

Note: (2) through (4) are from Summary Exhibit 5.

Observations/Findings

Estimated outstanding losses as of November 30, 2024, November 30, 2025, and November 30, 2026 are shown in Summary Exhibit 1.

A comparison of estimated outstanding losses as of November 30, 2023 and November 30, 2024 is shown in Summary Exhibit 2. Detail by year and coverage is provided in Summary Exhibits 10 through 22.

Estimated outstanding losses increased $38.3 million from our prior analysis. This is primarily driven by an increase in LEL ($47.4 million) and a smaller increase in MM Stroger ($8.3 million).

Case reserves are up $6.3 million from our prior analysis. LEL case reserves increased by $31.7 million compared to the prior study. This increase is driven by 10 new claims occurring before 12/1/2001 each with an incurred value greater than $1 million. In addition, there was further deterioration on four known claims occurring before 12/1/2001 that totalled $16 million. At the expected level, LEL IBNR is up $15.7 million with the majority of the increase in the years prior to 12/1/2001 and in policy year 12/1/23-24.

Summary Exhibit 4 divides the estimated outstanding losses and projected ultimate losses for the liability coverages among Healthcare and Government. The estimates are split based on the distribution of: i) fiscal year 2024 payments, ii) case reserves, and iii) cumulative reported incurred amounts as of November 30, 2024.

Beginning with this analysis Provident, Oak Forest, and Unspecified MM have been combined into one segment.

Risks and Uncertainties

The greatest uncertainties in our analysis are summarized below:

- The County has high to unlimited retentions for their exposures to loss. Projections and reserve estimates for very large claims are subject to much greater uncertainty at the County's retention levels. It generally takes much longer for large claims to finally settle. These large claims can be quite complex and much more difficult and uncertain in predicting final outcomes. The dollar impact of a relatively few very large claims can have a disproportionate impact on our aggregate estimates of liability. Our estimate of outstanding loss for LEL is particularly impacted by this uncertainty.

- Tail development factor beyond 10 years. The tail development factor influences all claim period's loss estimates. Small changes in the tail factor are leveraged in our estimates.

- Reserves for the most recent claim periods are very dependent on "a priori" assumptions as the claims for these periods have not been fully digested at early evaluations. These "a priori" assumptions are largely dependent on historical patterns. If the historical patterns do not prove to be predictive of the losses for the more current years, our estimates will be biased.

- A significant class of large claims related to the law enforcement liability segment continue to be newly reported or significantly revalued as has happened over the last few years. Many of these claims are in an early stage of valuation at this point. As a result, there is additional uncertainty around this set of claims' ultimate values.

We believe we have made prudent selections based on the reviewed data as of 11/30/24. The County should be aware that these critical assumptions could significantly influence our estimates up or down.

Program Description

The self-insurance program for the County has three components: workers compensation, medical malpractice, and liability. Liability includes general, automobile, law enforcement, and other liability. Other liability includes error and omissions, employment practices, and public officials liability. The tables below display the historical self-insured retentions by segment.

Historical Workers Compensation Self-Insured Retentions

Claim Period (1)	Specific (2)	Aggregate (3)
12/31/00 to 12/30/01	$9,500,000	$40,000,000
12/31/01 to 12/30/02	9,500,000	40,000,000
12/31/02 to 12/30/03	9,500,000	45,000,000

Historical Medical Malpractice Self-Insured Retentions

Claim Period (1)	Specific (2)	Aggregate (3)
12/31/00 to 12/30/01	$10,000,000	$25,000,000
12/31/01 to 12/30/02	15,000,000	50,000,000
12/31/02 to 12/30/03	20,000,000	80,000,000
12/31/03 to 12/30/04	20,000,000	None
12/31/04 to 12/30/05	20,000,000	None
12/31/05 to 2/28/09	20,000,000	None
3/1/10 to 2/28/13	40,000,000	None
3/1/13 to 6/30/15	30,000,000	None
7/1/15 to 6/30/20	25,000,000	80,000,000
7/1/20 to present	35,000,000	80,000,000

Historical Liability Self-Insured Retentions

Claim Period (1)	Specific (2)	Aggregate (3)
12/31/00 to 12/30/01	$9,500,000	$40,000,000
12/31/01 to 12/30/02	9,500,000	40,000,000
12/31/02 to 12/30/03	9,500,000	45,000,000
12/31/03 to 12/30/04	10,000,000	None
12/31/04 to 12/30/06	10,000,000	25,000,000
12/31/06 to 2/28/13	10,000,000	None
3/1/13 to 6/30/18	15,000,000	None
7/1/18 to 6/30/20	20,000,000	None
7/1/20 to present	30,000,000	None

The County currently self-administers and self-funds claims for workers compensation, medical malpractice, general liability, automobile liability, and other liability. All litigation matters are handled by the County State's Attorney's Office. In some situations, outside legal counsel may be assigned.

For workers compensation, "Indemnity" includes indemnity, legal, and other losses. "Medical" includes medical and rehabilitation losses. Only workers compensation losses include allocated loss adjustment expenses (ALAE). According to the County, ALAE is not specifically assigned to individual medical malpractice and liability claims. However, litigation expenses are tracked in aggregate and included in our analysis (see Summary Exhibit 7).

The excess coverage for medical malpractice is on a claims-made basis. The estimated outstanding losses and projected ultimate losses for medical malpractice include all claims with loss dates on or before the indicated fiscal year end, consistent with the prior actuarial studies.

Data

Cumulative loss data valued as of November 30, 2024 was provided to us by the County for all coverages. For workers compensation, the analysis is completed net of recoveries. Recovery amounts were not provided for the liability and medical malpractice coverages.

Forest Preserve District department claims were not included in the loss data provided and are excluded from the workers compensation and liability analysis at the direction of the County.

The County also provided vehicles and law enforcement officers for 12/1/24-25 and medical malpractice exposures for years through 12/1/23-24. Starting with the November 30, 2022 analysis, medical malpractice exposure for Cermak Health Services only includes Physician Full-time Equivalent (FTE) amounts. Payroll information used in the workers compensation analysis is from the County Annual Appropriation Bills. County revenue used in the general liability and other liability analysis is from the Comprehensive Annual Financial Report.

In conducting this analysis, we relied upon the provided data without audit or independent verification; however, we reviewed it for reasonableness and consistency. Any inaccuracies in quantitative data or qualitative representations could have a significant effect on the results of our review and analysis. Any material discrepancies discovered in the loss or exposure data by the County or any other parties should be reported to us immediately, and if warranted, we will make appropriate amendments to the report.

Actuarial Analysis

Overview

The primary objective is to estimate the ultimate settlement value of the losses incurred (occurring) during the period. It is normal for the valuation of casualty losses to increase during the time period from occurrence to settlement. The difference between the ultimate settlement value and the current reported (incurred) loss valuation is referred to as "IBNR": Incurred but not reported. IBNR consists of two quantities, both of which are estimates:

- A provision for losses that have occurred as of the valuation date, but have not been reflected in the loss data (Incurred but not yet reported, or IBNYR), and
- A provision for losses that are reflected in the loss data, but are valued at less than the ultimate settlement value (Incurred but not enough recorded, or IBNER).

Subtracting the amount of losses paid to date (a known quantity) gives us an estimate of the County's remaining liability for unpaid losses within its retention.

Performing an actuarial analysis involves developing a qualitative understanding of the risk and applying actuarial techniques and methods to the available data. These methods attempt to project unpaid and / or unreported losses to their ultimate settlement value. Each method requires certain underlying assumptions and varies in its responsiveness to loss data. As a result, not all methods are appropriate for use in all circumstances. For each unique situation, actuaries assess the strengths and weaknesses inherent in the results of each method in producing reasonable estimates of ultimate loss.

The following actuarial methods were employed in developing the recommendations contained in this report.

Methods Used to Estimate Ultimate Losses

Paid and Incurred Loss Development Methods

The development method tracks the changes in paid or reported losses over time (e.g., in annual evaluations). The Paid and Incurred Loss Development Methods are based on the assumption that losses from a group of claims are paid or reported in a sufficiently consistent pattern such that prior experience can be used to predict future development. The term "loss development" is used to describe the changes in loss amounts, either paid or reported, that occur over time in a group of claims. In order to reflect loss development arithmetically, incremental loss development factors are calculated by dividing loss amounts at a given evaluation date by those values as of the immediately preceding evaluation date. The incremental loss development factors are then accumulated multiplicatively to derive cumulative loss development factors.

The Loss Development Methods can be applied using either cumulative paid losses or incurred losses (cumulative paid losses plus case reserves). For a given group of claims (grouped by accident year, report year, or on some other basis), cumulative paid or incurred losses are multiplied by the appropriate cumulative loss development factor to estimate ultimate losses.

The Paid and Incurred Loss Development Methods rely heavily on data as of the most recent evaluation date and assume past patterns are predictive of future development. The Incurred Loss Development Method assumes that claim reporting and case reserving practices remain relatively consistent over time. One advantage of the incurred development method is that it uses the greatest amount of data available by including payments and case reserve estimates. A potential disadvantage is that estimates can be distorted by changes in reserving philosophy.

The Paid Loss Development Method assumes that claim payment and settlement patterns remain relatively consistent over time. A primary advantage of this method that estimates are not distorted by changes in reserving philosophy since case reserves are not used in the calculation. However, the estimates can be influenced by unusual large settlements or changes in payment pattern.

If the program under study has inadequate history to develop predictive loss development patterns, then other sources of loss development information may be considered.

Outstanding Loss Development Method

The Outstanding Loss Development Method is similar to the Paid and Incurred Loss Development Methods. The difference is that the projected values are "unpaid losses" and not ultimate losses. It uses assumed paid and reported loss development factors to derive the development factor for case outstanding. The following presents the formula for the case outstanding development factor:

$$\frac{(\text{Reported LDF to Ultimate} - 1.00) \text{ x } (\text{Paid LDF to Ultimate})}{(\text{Paid LDF to Ultimate} - \text{Reported LDF to Ultimate})} + 1$$

The resulting case development factor includes provisions for case reserves and IBNR (the broad definition of IBNR, which includes development on known claims). The ultimate loss estimate equals paid loss plus (case reserve times reserve development factor).

Since the Outstanding Loss Development Method relies on both the payout and reporting patterns to determine the future changes in case reserves, this method is susceptible to distortion due to changes in case reserving practices and payment patterns.

Paid and Incurred Bornhuetter-Ferguson (BF) Methods

The BF method is a combination of the paid or incurred development method and an a priori expected loss figure which is estimated from other sources. Effectively, a "credibility" weight, which is equivalent to the inverse of the selected development factor, is given to the development method, and the complement of the weight is given to the a priori expected amount. The BF method avoids potential distortions caused by unusual variations in paid or incurred amounts at early development ages. In our analysis, a priori expected loss rates (ELRs) are selected. The assumed ELRs are then applied to the subject exposure to arrive at the expected loss amounts.

As the weight assigned to the Loss Development Methods is equal to the percent of losses paid or reported, estimates for the most recent periods will principally be based on the a priori expected amount. For more mature periods, the BF Method estimates will principally be based on the Loss Development Methods. Thus, the BF Methods are less responsive to actual loss experience than the Loss Development Methods, but more responsive than the assumed a priori loss estimate. A potential disadvantage is that these methods do not react quickly to changes in the claims handling environment.

Paid and Incurred Cape Cod Methods

The Cape Cod Method is a special case of the BF Method described above, with the ELRs calculated via a specific method. That is, an ELR is computed as a weighted average of the ultimate loss rates arising from the development method (adjusted to a common cost level), with the weights proportional to the percentage developed for each loss period and perhaps also to the exposure during the loss period. This ELR is then adjusted to the cost level for each year, and multiplied by the exposure for that year, to determine an expected loss estimate conceptually similar to the a priori loss estimate used in the BF method.

The Cape Cod methods possess the same advantages and disadvantages as do the BF methods. An additional advantage is that the ELRs are based on the current loss data, and hence may be somewhat more responsive to the actual loss experience than are the BF methods.

Frequency-Severity Method

In the frequency-severity method, the ultimate loss is estimated as the product of average claim cost (i.e., severity) and number of claims. The ultimate loss is derived separately for reported and unreported claims. For reported claims, the ultimate loss is derived by multiplying the number of reported claims by the ultimate average severity of these claims. The ultimate loss for unreported claims equals the product of the estimated number of unreported claims and the ultimate average severity of these claims. The number of unreported claims is calculated as the ultimate claim counts (using the claim development method similar to the loss development method described earlier) minus the number of reported claims. The average severity for unreported claims is calculated as the weighted average of ultimate severity from all prior years, adjusted for claim cost inflation.

Actuarial Assumptions

The following assumptions and conditions have been used in this analysis:

Emergence Pattern

The delay between the occurrence of claims and the recording of claims on the books of the County was considered in the estimation of loss development factors.

Settlement Patterns

The rate at which claims are closed and its impact upon incurred losses was considered in the calculation of loss development factors.

Development Patterns

The rate at which known cases develop to their ultimate level was included in the calculation of loss development factors. For loss development patterns, we relied on our analysis of historical experience as compiled by AM Best, the National Council on Compensation Insurance, and specific patterns as experienced by the County.

Frequency and Severity

Consideration of average and potential frequency and severity has been included in this analysis. However, no cause for a change in either frequency or severity has been cited by the County and no change has been assumed other than by ordinary loss cost trending.

Reopened Claim Potential

The effect of reopened claims is included in the calculation of loss development factors.

External Influences

This analysis contemplates a continuation of current social, economic, judicial, and legislative trends.

Discounting

Since the financial liability for WC and liability claims that have occurred as of the evaluation date of this analysis may not be paid out for many years, the investment income potential on outstanding losses may be recognized. Discounted outstanding liabilities are included in this report. The County has provided the interest rate of 4.10% used in this analysis.

Provision for Uncertainty

Ultimate losses are estimates and, as such, a degree of uncertainty is inherent. Estimates of outstanding loss are provided at the 70% and 90% confidence levels to provide a provision for the inherent uncertainty.

Reasonableness

Within the confines of the data provided, we believe the ultimate loss estimates provided in this report are reasonable. This judgement is made in light of developed and trended historic experience from which no material departure has been anticipated.

Loss Reserving Methods

All methods used in this report to estimate ultimate loss costs are standard actuarial techniques.

Description of Exhibits

Summary Exhibit 1

This exhibit displays the summary of estimated total outstanding losses, both discounted and undiscounted, at the expected and 70% and 90% confidence levels as of 11/30/24, 11/30/25, and 11/30/26.

Summary Exhibit 2

This exhibit displays the comparison of estimated total outstanding losses as of 11/30/24 to the prior estimate as of 11/30/23.

Summary Exhibit 3

This exhibit displays the summary of projected ultimate losses, both discounted and undiscounted, at the 70% and 90% confidence levels for the 12/1/24-25, 12/1/25-26, and 12/1/26-27 policy years.

Summary Exhibit 4

This exhibit displays the split of liability losses between Healthcare and Government.

Summary Exhibit 5

This exhibit displays the summary of historical paid losses by fiscal year and coverage as well as projected payments for the 2025, 2026, and 2027 fiscal years.

Summary Exhibit 6

This exhibit displays the summary of historical ultimate losses by fiscal year and coverage as well as projected ultimate losses for the 2025, 2026, and 2027 fiscal years.

Summary Exhibit 7

This exhibit displays the calculation of claims-related expense reserves.

Summary Exhibit 8

This exhibit displays the summary of the selected ultimate settlement values, along with the current reported incurred, paid losses, IBNR, case reserves, and total outstanding for medical malpractice.

Summary Exhibit 9

This exhibit displays the split of loss payments between workers compensation, common liability claims, common medical malpractice claims, and catastrophe liability and medical malpractice claims. Catastrophe claims are defined as at least $1 million for AL and at least $3 million for GL, OL, and MM.

Summary Exhibit 10

This exhibit displays the comparison of selected ultimate settlement values, along with the current reported incurred, paid losses, case reserves, IBNR, and total outstanding as of 11/30/24 to the prior estimates as of 11/30/23 by coverage.

Summary Exhibit 11

This exhibit displays the comparison of selected ultimate settlement values, along with the current reported incurred, paid losses, case reserves, IBNR, and total outstanding as of 11/30/24 to the prior estimates as of 11/30/23 by policy period.

Summary Exhibits 12 – 22

These exhibits display the comparison of selected ultimate settlement values, along with the current reported incurred, paid losses, case reserves, IBNR, and total outstanding as of 11/30/24 to the prior estimates as of 11/30/23 for each coverage.

Executive Summary

This exhibit displays the summary of current exposure, reported claims, paid and incurred losses, along with estimated ultimate loss and ultimate loss rates by policy year. Also included is the loss forecast for the prospective policy year.

Exhibit 1

This exhibit displays the summary of the eight actuarial techniques used in this analysis.

Exhibit 2

This exhibit displays the summary of the selected ultimate settlement values, along with the current reported incurred, paid losses, IBNR, and total outstanding, which is the sum of IBNR and case reserves.

Exhibit 3

This exhibit displays the chain ladder techniques. These techniques apply loss development factors against known losses and reserves.

Exhibits 4 & 5

These exhibits display the Generalized Cape Cod method of analysis. This method basically takes all of the known experience as a function of development and applies the complement of the reciprocal of the loss development factor against an expected loss for each year.

Exhibit 6

This exhibit displays the Frequency and Severity method.

Exhibits 7 & 8

These exhibits display the reported and paid Bornhuetter-Ferguson methods.

Exhibit 9

This exhibit displays the major parameter values in the actuarial review.

Exhibit 10

This exhibit displays the unlimited and limited loss information.

Exhibit 11

This exhibit displays the analysis based on expected claim counts to develop projections for future years.

Exhibit 12

This exhibit displays the analysis based on expected loss rates to develop projections for future years.

Exhibit 13 (WC Only)

This exhibit displays the limited incurred and limited paid loss development factor selections for workers compensation.

Exhibit 13 (MM Only)

This exhibit displays the calculation of occupied bed equivalents for medical malpractice.

FY2025 Payments

This exhibit displays the summary of projected loss payments for the 2025 fiscal year.

FY2026 Payments

This exhibit displays the summary of projected loss payments for the 2026 fiscal year.

FY2027 Payments

This exhibit displays the summary of projected loss payments for the 2027 fiscal year.

Large Claims Listing

This exhibit displays the summary of claims of at least $1 million.

Incurred Triangle

This exhibit displays the incurred loss development triangles and selections.

Paid Triangle

This exhibit displays the paid loss development triangles and selections.

Claim Count Triangle

This exhibit displays the frequency development triangles and selections.

Exhibits

Estimated Outstanding Losses

A. Estimated Outstanding Losses as of 11/30/24

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	$23,646,139	$25,300,424	$28,669,291	$20,291,592	$21,711,192	$24,602,136
(Aii) WC - Medical	12,252,226	13,557,475	16,687,402	10,512,174	11,632,052	14,317,470
(A) Workers compensation	$35,898,366	$38,857,899	$45,356,693	$30,803,766	$33,343,244	$38,919,606
(Bi) Cermak	4,000,000	4,076,487	8,534,946	3,532,295	3,599,839	7,536,987
(Bii) John H. Stroger	141,606,469	160,430,835	237,146,289	124,193,802	140,703,426	207,985,550
(Biii) Provident/Oak Forest/Unspecified	7,114,285	7,248,684	15,364,611	6,281,126	6,399,786	13,565,251
(B) Medical malpractice	$152,720,754	$171,756,006	$261,045,847	$134,007,223	$150,703,051	$229,087,788
(C) Claim Expense Reserves	3,582,715	4,084,295	5,194,936	3,143,709	3,583,829	4,558,379
(D) Subtotal	$192,201,834	$214,698,200	$311,597,476	$167,954,698	$187,630,124	$272,565,773
II. General Government						
(Ei) WC - Indemnity	222,044,358	240,634,321	280,319,111	184,853,131	200,329,376	233,367,178
(Eii) WC - Medical	67,673,923	74,624,401	91,068,080	58,513,281	64,522,912	78,740,702
(E) Workers compensation	$289,718,281	$315,258,722	$371,387,191	$243,366,412	$264,852,288	$312,107,880
(F) General liability	5,235,743	5,600,538	10,483,623	4,956,986	5,302,359	9,925,463
(G) Automobile liability	4,471,959	4,706,760	9,059,911	4,195,335	4,415,612	8,499,489
(H) Law enforcement liability	445,308,175	501,532,236	655,408,212	379,935,734	427,905,951	559,192,519
(I) Other liability	80,043,485	90,895,740	124,068,370	76,385,549	86,741,863	118,398,524
(J) Claim Expense Reserves	154,486,226	176,114,298	224,005,028	134,394,920	153,210,209	194,872,635
(K) Subtotal	$979,263,869	$1,094,108,295	$1,394,412,334	$843,234,936	$942,428,283	$1,202,996,509
Total	$1,171,465,703	$1,308,806,495	$1,706,009,810	$1,011,189,635	$1,130,058,407	$1,475,562,282

B. Estimated Outstanding Losses as of 11/30/25

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	$25,223,151	$26,987,763	$30,581,307	$21,623,898	$23,136,706	$26,217,464
(Aii) WC - Medical	13,457,004	14,890,599	18,328,296	11,500,467	12,725,629	15,663,514
(A) Workers compensation	$38,680,154	$41,878,362	$48,909,603	$33,124,364	$35,862,335	$41,880,978
(Bi) Cermak	4,198,904	4,279,194	8,959,355	3,702,369	3,773,164	7,899,879
(Bii) John H. Stroger	151,649,665	171,809,117	253,965,484	133,216,734	150,925,816	223,096,123
(Biii) Provident/Oak Forest/Unspecified	7,193,719	7,329,619	15,536,164	6,374,746	6,495,175	13,767,441
(B) Medical malpractice	$163,042,289	$183,417,931	$278,461,004	$143,293,849	$161,194,155	$244,763,443
(C) Claim Expense Reserves	3,824,850	4,360,329	5,546,033	3,356,175	3,826,039	4,866,454
(D) Subtotal	$205,547,293	$229,656,622	$332,916,640	$179,774,388	$200,882,530	$291,510,874
II. General Government						
(Ei) WC - Indemnity	250,883,255	271,887,663	316,726,673	208,696,418	226,168,867	263,468,051
(Eii) WC - Medical	81,206,192	89,546,509	109,278,312	70,033,050	77,225,824	94,242,733
(E) Workers compensation	$332,089,447	$361,434,172	$426,004,985	$278,729,468	$303,394,691	$357,710,784
(F) General liability	4,084,600	4,369,190	8,178,668	3,859,549	4,128,460	7,728,046
(G) Automobile liability	4,605,955	4,847,792	9,331,379	4,335,137	4,562,754	8,782,718
(H) Law enforcement liability	446,184,271	502,518,947	656,697,657	380,553,181	428,601,356	560,101,281
(I) Other liability	87,918,990	99,839,001	136,275,497	79,547,877	90,332,938	123,300,172
(J) Claim Expense Reserves	156,719,373	178,660,086	227,243,092	136,337,642	155,424,912	197,689,581
(K) Subtotal	$1,031,602,636	$1,151,669,188	$1,463,731,278	$883,362,854	$986,445,111	$1,255,312,582
Total	$1,237,149,929	$1,381,325,811	$1,796,647,918	$1,063,137,242	$1,187,327,640	$1,546,823,457

C. Estimated Outstanding Losses as of 11/30/26

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	$24,330,784	$26,032,966	$29,499,374	$20,861,501	$22,320,972	$25,293,111
(Aii) WC - Medical	11,961,799	13,236,107	16,291,843	10,195,145	11,281,250	13,885,680
(A) Workers compensation	$36,292,582	$39,269,073	$45,791,217	$31,056,646	$33,602,222	$39,178,791
(Bi) Cermak	4,281,414	4,363,282	9,135,409	3,759,666	3,831,557	8,022,137
(Bii) John H. Stroger	160,802,399	182,178,563	269,293,433	141,418,586	160,217,976	236,831,645
(Biii) Provident/Oak Forest/Unspecified	6,925,473	7,056,305	14,956,837	6,103,909	6,219,221	13,182,517
(B) Medical malpractice	$172,009,285	$193,598,151	$293,385,679	$151,282,161	$170,268,754	$258,036,299
(C) Claim Expense Reserves	4,035,209	4,600,139	5,851,054	3,540,758	4,036,464	5,134,099
(D) Subtotal	$212,337,077	$237,467,363	$345,027,950	$185,879,565	$207,907,440	$302,349,189
II. General Government						
(Ei) WC - Indemnity	261,646,199	283,551,701	330,314,314	217,526,843	235,738,591	274,615,990
(Eii) WC - Medical	77,687,298	85,666,205	104,542,973	66,912,831	73,785,142	90,043,887
(E) Workers compensation	$339,333,498	$369,217,906	$434,857,288	$284,439,675	$309,523,733	$364,659,878
(F) General liability	3,336,251	3,568,702	6,680,237	3,125,604	3,343,378	6,258,454
(G) Automobile liability	4,663,820	4,908,696	9,448,611	4,396,668	4,627,516	8,907,377
(H) Law enforcement liability	390,113,623	439,368,888	574,172,419	332,012,029	373,931,459	488,658,018
(I) Other liability	79,825,640	90,648,360	123,730,708	71,869,662	81,613,714	111,398,844
(J) Claim Expense Reserves	137,994,117	157,313,293	200,091,469	120,047,650	136,854,321	174,069,092
(K) Subtotal	$955,266,950	$1,065,025,845	$1,348,980,731	$815,891,287	$909,894,120	$1,153,951,662
Total	$1,167,604,027	$1,302,493,207	$1,694,008,681	$1,001,770,852	$1,117,801,560	$1,456,300,851

Estimated Outstanding Losses

Footnotes:

Section I, Ai is from WC Health Care Indemnity Executive Summary.

Section I, Aii is from WC Health Care Medical Executive Summary.

Section I, Bi is from MM Cermak Executive Summary.

Section I, Bii is from MM Stroger Executive Summary.

Section I, Biii is from MM Provident/Oak Forest/Unspecified Executive Summary.

Section I, C is from Summary Exhibit 7.

Section II, Ei is from WC Government Indemnity Executive Summary.

Section II, Eii is from WC Government Medical Executive Summary.

Section II, F is from GL Executive Summary.

Section II, G is from AL Executive Summary.

Section II, H is from LEL Executive Summary.

Section II, I is from OL Executive Summary.

Section II, J is from Summary Exhibit 7.

Comparison of Estimated Outstanding Losses

	As of November 30, 2023			As of November 30, 2024			Change		
	Case Reserves	IBNR	Total	Case Reserves	IBNR	Total	Case Reserves	IBNR	Total
I. Health Care Facilities									
(Ai) WC - Indemnity	$16,399,868	$7,143,380	$23,543,247	$15,950,742	$7,695,398	$23,646,139	($449,126)	$552,018	$102,892
(Aii) WC - Medical	10,127,978	1,570,386	11,698,364	10,898,107	1,354,120	12,252,226	770,129	(216,266)	553,863
(A) Workers compensation	$26,527,845	$8,713,766	$35,241,611	$26,848,848	$9,049,517	$35,898,366	$321,003	$335,752	$656,755
(Bi) Cermak	120,000	2,980,000	3,100,000	1,020,000	2,980,000	4,000,000	900,000	0	900,000
(Bii) John H. Stroger	75,680,000	57,663,001	133,343,001	73,405,000	68,201,469	141,606,469	(2,275,000)	10,538,468	8,263,468
(Biii) Provident/Oak Forest/Unspecified	150,000	3,371,285	3,521,285	3,650,000	3,464,285	7,114,285	3,500,000	93,000	3,593,000
(B) Medical malpractice	$75,950,000	$64,014,286	$139,964,286	$78,075,000	$74,645,754	$152,720,754	$2,125,000	$10,631,468	$12,756,468
(C) Claim Expense Reserves		3,158,535	3,158,535		3,582,715	3,582,715	0	424,180	424,180
(D) Subtotal	$102,477,845	$75,886,586	$178,364,431	$104,923,848	$87,277,986	$192,201,834	$2,446,003	$11,391,400	$13,837,403
II. General Government									
(Ei) WC - Indemnity	116,299,452	102,089,349	218,388,800	111,205,740	110,838,619	222,044,358	(5,093,712)	8,749,270	3,655,558
(Eii) WC - Medical	58,664,154	15,389,493	74,053,646	51,891,060	15,782,862	67,673,923	(6,773,093)	393,370	(6,379,724)
(E) Workers compensation	$174,963,605	$117,478,841	$292,442,446	$163,096,800	$126,621,481	$289,718,281	($11,866,805)	$9,142,640	($2,724,165)
(F) General liability	4,978,283	1,578,258	6,556,540	3,708,283	1,527,460	5,235,743	(1,270,000)	(50,798)	(1,320,798)
(G) Automobile liability	646,844	2,710,287	3,357,131	1,891,844	2,580,115	4,471,959	1,245,000	(130,172)	1,114,828
(H) Law enforcement liability	264,491,979	133,385,279	397,877,258	296,191,584	149,116,591	445,308,175	31,699,605	15,731,312	47,430,917
(I) Other liability	55,777,363	48,200,343	103,977,705	39,786,153	40,257,332	80,043,485	(15,991,209)	(7,943,011)	(23,934,220)
(J) Claim Expense Reserves		150,612,972	150,612,972		154,486,226	154,486,226	0	3,873,254	3,873,254
(K) Subtotal	$500,858,073	$453,965,979	$954,824,052	$504,674,664	$474,589,205	$979,263,869	$3,816,591	$20,623,226	$24,439,817
Total	$603,335,918	$529,852,565	$1,133,188,483	$609,598,512	$561,867,191	$1,171,465,703	$6,262,594	$32,014,626	$38,277,219

Projected Ultimate Losses

A. 12/1/2024-25 Projected Ultimate Losses

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	$5,000,000	$5,528,000	$5,021,000	$4,300,000	$4,754,000	$4,318,000
(Aii) WC - Medical	2,700,000	3,059,000	3,999,000	2,400,000	2,719,000	3,555,000
(A) Workers compensation	$7,700,000	$8,587,000	$9,020,000	$6,700,000	$7,473,000	$7,873,000
(Bi) Cermak	820,000	615,000	1,392,000	640,000	480,000	1,086,000
(Bii) John H. Stroger	30,800,000	34,360,000	60,288,000	24,200,000	26,997,000	47,369,000
(Biii) Provident/Oak Forest/Unspecified	1,170,000	878,000	1,962,000	920,000	690,000	1,543,000
(B) Medical malpractice	$32,790,000	$35,853,000	$63,642,000	$25,760,000	$28,167,000	$49,998,000
(C) Subtotal	40,490,000	44,440,000	72,662,000	32,460,000	35,640,000	57,871,000
II. General Government						
(Di) WC - Indemnity	63,000,000	52,254,000	63,525,000	52,600,000	43,628,000	53,039,000
(Dii) WC - Medical	24,400,000	27,731,000	36,677,000	22,100,000	25,117,000	33,220,000
(D) Workers compensation	$87,400,000	$79,985,000	$100,202,000	$74,700,000	$68,745,000	$86,259,000
(E) General liability	1,257,000	990,000	2,022,000	1,111,000	875,000	1,787,000
(F) Automobile liability	2,220,000	2,313,000	4,691,000	2,020,000	2,105,000	4,268,000
(G) Law enforcement liability	30,900,000	34,709,000	50,812,000	24,600,000	27,632,000	40,452,000
(H) Other liability	16,200,000	18,633,000	26,960,000	13,700,000	15,758,000	22,799,000
(I) Subtotal	137,977,000	136,630,000	184,687,000	116,131,000	115,115,000	155,565,000
Total	$178,467,000	$181,070,000	$257,349,000	$148,591,000	$150,755,000	$213,436,000

B. 12/1/2025-26 Projected Ultimate Losses

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	$5,300,000	$5,860,000	$6,479,000	$4,500,000	$4,975,000	$5,500,000
(Aii) WC - Medical	2,900,000	3,285,000	3,721,000	2,600,000	2,945,000	3,336,000
(A) Workers compensation	$8,200,000	$9,145,000	$10,200,000	$7,100,000	$7,920,000	$8,836,000
(Bi) Cermak	850,000	638,000	479,000	660,000	495,000	371,000
(Bii) John H. Stroger	32,100,000	35,810,000	39,949,000	25,100,000	28,001,000	31,238,000
(Biii) Provident/Oak Forest/Unspecified	1,220,000	915,000	686,000	950,000	713,000	535,000
(B) Medical malpractice	$34,170,000	$37,363,000	$41,114,000	$26,710,000	$29,209,000	$32,144,000
(C) Subtotal	42,370,000	46,508,000	51,314,000	33,810,000	37,129,000	40,980,000
II. General Government						
(Di) WC - Indemnity	65,800,000	54,576,000	45,267,000	55,000,000	45,619,000	37,838,000
(Dii) WC - Medical	26,000,000	29,549,000	33,583,000	23,600,000	26,822,000	30,484,000
(D) Workers compensation	$91,800,000	$84,125,000	$78,850,000	$78,600,000	$72,441,000	$68,322,000
(E) General liability	1,290,000	1,016,000	800,000	1,141,000	898,000	707,000
(F) Automobile liability	2,300,000	2,396,000	2,496,000	2,090,000	2,178,000	2,269,000
(G) Law enforcement liability	32,000,000	35,945,000	40,376,000	25,400,000	28,531,000	32,048,000
(H) Other liability	16,600,000	19,094,000	21,962,000	14,000,000	16,103,000	18,522,000
(I) Subtotal	143,990,000	142,576,000	144,484,000	121,231,000	120,151,000	121,868,000
Total	$186,360,000	$189,084,000	$195,798,000	$155,041,000	$157,280,000	$162,848,000

C. 12/1/2026-27 Projected Ultimate Losses

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	$5,500,000	$6,081,000	$6,723,000	$4,700,000	$5,196,000	$5,745,000
(Aii) WC - Medical	3,000,000	3,399,000	3,851,000	2,700,000	3,059,000	3,465,000
(A) Workers compensation	$8,500,000	$9,480,000	$10,574,000	$7,400,000	$8,255,000	$9,210,000
(Bi) Cermak	880,000	660,000	495,000	690,000	518,000	389,000
(Bii) John H. Stroger	33,400,000	37,261,000	41,568,000	26,100,000	29,117,000	32,483,000
(Biii) Provident/Oak Forest/Unspecified	1,270,000	953,000	715,000	990,000	743,000	557,000
(B) Medical malpractice	$35,550,000	$38,874,000	$42,778,000	$27,780,000	$30,378,000	$33,429,000
(C) Subtotal	44,050,000	48,354,000	53,352,000	35,180,000	38,633,000	42,639,000
II. General Government						
(Di) WC - Indemnity	68,700,000	56,982,000	47,263,000	57,400,000	47,609,000	39,488,000
(Dii) WC - Medical	27,900,000	31,709,000	36,038,000	25,300,000	28,754,000	32,679,000
(D) Workers compensation	$96,600,000	$88,691,000	$83,301,000	$82,700,000	$76,363,000	$72,167,000
(E) General liability	1,324,000	1,043,000	821,000	1,171,000	922,000	726,000
(F) Automobile liability	2,390,000	2,490,000	2,594,000	2,170,000	2,261,000	2,356,000
(G) Law enforcement liability	33,100,000	37,180,000	41,763,000	26,300,000	29,542,000	33,184,000
(H) Other liability	16,900,000	19,439,000	22,359,000	14,300,000	16,448,000	18,919,000
(I) Subtotal	150,314,000	148,843,000	150,838,000	126,641,000	125,536,000	127,352,000
Total	$194,364,000	$197,197,000	$204,190,000	$161,821,000	$164,169,000	$169,991,000

Projected Ultimate Losses

Footnotes:

Section I, Ai is from WC Health Care Indemnity Executive Summary & Exhibit 13.

Section I, Aii is from WC Health Care Medical Executive Summary & Exhibit 13.

Section I, Bi is from MM Cermak Executive Summary & Exhibit 13.

Section I, Bii is from MM Stroger Executive Summary & Exhibit 13.

Section I, Biii is from MM Provident/Oak Forest/Unspecified Executive Summary & Exhibit 13.

Section II, Di is from WC Government Indemnity Executive Summary & Exhibit 13.

Section II, Dii is from WC Government Medical Executive Summary & Exhibit 13.

Section II, E is from GL Executive Summary & Exhibit 13.

Section II, F is from AL Executive Summary & Exhibit 13.

Section II, G is from LEL Executive Summary & Exhibit 13.

Section II, H is from OL Executive Summary & Exhibit 13.

Split of Liability Losses Among Healthcare and Government

	Coverage (1)	Total (2)	Healthcare (3)	Government (4)
1. FY2024 Payments				
	General liability	$4,851,798	$4,779,080 #	$72,718
	Automobile liability	1,025,172	0 #	1,025,172
	Law enforcement liability	60,580,194	1,720,050	58,860,144
	Other liability	736,089	186,200 #	549,889
	Average	$16,798,313	$1,671,332	$15,126,981
2. 11/30/24 Case Reserves				
	General liability	3,708,283	15,000 #	3,693,283
	Automobile liability	1,891,844	150,000 #	1,741,844
	Law enforcement liability	296,191,584	16,843,350	279,348,234
	Other liability	39,786,153	1,603,100 #	38,183,053
	Average	$85,394,466	$4,652,863	$80,741,603
3. 11/30/24 Reported Incurred				
	General liability	20,120,556	6,761,061 #	13,359,495
	Automobile liability	48,537,388	2,837,100 #	45,700,288
	Law enforcement liability	560,552,943	51,587,089	508,965,854
	Other liability	242,192,094	55,217,113 #	186,974,981
	Average	$217,850,745	$29,100,591	$188,750,155
4. Ratio to Total		Payments	9.9%	90.1%
		Case Reserves	5.4%	94.6%
		Reported Incurred	13.4%	86.6%
		Prior	15.5%	84.5%
		Selected	14.0%	86.0%
5. Estimated Outstanding Losses				
Estimated Outstanding Losses as of 11/30/24				
a. General Liability		$5,235,743	$733,004	$4,502,739
b. Automobile Liability		4,471,959	626,074	3,845,884
c. Law Enforcement Liability		445,308,175	62,343,145	382,965,031
d. Other Liability		80,043,485	11,206,088	68,837,397
Estimated Outstanding Losses as of 11/30/25				
a. General Liability		$4,084,600	$571,844	$3,512,756
b. Automobile Liability		4,605,955	644,834	3,961,121
c. Law Enforcement Liability		446,184,271	62,465,798	383,718,473
d. Other Liability		87,918,990	12,308,659	75,610,331
Estimated Outstanding Losses as of 11/30/26				
a. General Liability		$3,336,251	$467,075	$2,869,176
b. Automobile Liability		4,663,820	652,935	4,010,885
c. Law Enforcement Liability		390,113,623	54,615,907	335,497,716
d. Other Liability		79,825,640	11,175,590	68,650,051
6. Projected Ultimate Losses				
12/1/2024-25				
a. General Liability		$1,257,000	$175,980	$1,081,020
b. Automobile Liability		2,220,000	310,800	1,909,200
c. Law Enforcement Liability		30,900,000	4,326,000	26,574,000
d. Other Liability		16,200,000	2,268,000	13,932,000
12/1/2025-26				
a. General Liability		$1,290,000	$180,600	$1,109,400
b. Automobile Liability		2,300,000	322,000	1,978,000
c. Law Enforcement Liability		32,000,000	4,480,000	27,520,000
d. Other Liability		16,600,000	2,324,000	14,276,000
12/1/2026-27				
a. General Liability		$1,324,000	$185,360	$1,138,640
b. Automobile Liability		2,390,000	334,600	2,055,400
c. Law Enforcement Liability		33,100,000	4,634,000	28,466,000
d. Other Liability		16,900,000	2,366,000	14,534,000

Actual and Projected Paid Losses ($000s)

	Actual Limited Paid Losses FY2021	Actual Limited Paid Losses FY2022	Actual Limited Paid Losses FY2023	Actual Limited Paid Losses FY2024	Average Paid Losses FY2021 to FY2024	Projected Paid Losses FY 2025	Projected Paid Losses FY 2026	Projected Paid Losses FY 2027
I. Health Care Facilities								
(Ai) WC - Indemnity	$3,340	$2,177	$3,426	$3,158	$3,025	$3,423	$3,305	$3,257
(Aii) WC - Medical	648	504	1,307	467	732	1,495	1,329	1,235
(A) Workers compensation	$3,988	$2,681	$4,732	$3,625	$3,757	$4,918	$4,634	$4,492
(Bi) Cermak	6,000	975	0	0	1,744	621	767	659
(Bii) John H. Stroger	17,609	34,049	28,733	53,817	33,552	20,757	22,947	28,595
(Biii) Provident/Oak Forest/Unspecified	0	-	0	0	0	1,091	1,488	1,071
(B) Medical malpractice	$23,609	$35,024	$28,733	$53,817	$35,296	$22,468	$25,203	$30,324
(C) Subtotal	$27,597	$37,705	$33,465	$57,442	$39,052	$27,387	$29,837	$34,816
II. General Government								
(Di) WC - Indemnity	31,438	31,364	33,997	40,122	34,230	34,161	35,611	37,169
(Dii) WC - Medical	9,481	10,048	9,852	8,405	9,446	10,868	10,377	10,434
(D) Workers compensation	$40,919	$41,412	$43,849	$48,527	$43,677	$45,029	$45,989	$47,603
(E) General liability	464	116	188	4,852	1,405	2,408	2,038	1,312
(F) Automobile liability	214	9,716	1,209	1,025	3,041	2,086	2,242	2,378
(G) Law enforcement liability	8,249	19,948	24,621	60,580	28,349	30,024	25,594	22,339
(H) Other liability	4,245	9,588	1,113	736	3,921	8,324	7,380	7,104
(I) Subtotal	$54,090	$80,780	$70,979	$115,720	$80,392	$87,871	$83,243	$80,735
Total	$81,687	$118,486	$104,444	$173,162	$119,445	$115,258	$113,080	$115,551

Section I, Ai is from WC Health Care Indemnity FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section I, Aii is from WC Health Care Medical FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section I, Bi is from MM Cermak FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section I, Bii is from MM Stroger FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section I, Biii is from MM Provident/Oak Forest/Unspecified FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section II, Di is from WC Government Indemnity FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section II, Dii is from WC Government Medical FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section II, E is from GL FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section II, F is from AL FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section II, G is from LEL FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Section II, H is from OL FY2022 Payments, FY2023 Payments, & FY2024 Payments.

Projected Ultimate Limited Losses ($000s)

	Projected Ultimate Limited Losses FY2021	Projected Ultimate Limited Losses FY2022	Projected Ultimate Limited Losses FY2023	Projected Ultimate Limited Losses FY2024	Average Ultimate Limited Losses 12/1/2020 to 12/1/2023	Projected Ultimate Limited Losses FY2025	Projected Ultimate Limited Losses FY2026	Projected Ultimate Limited Losses FY2027
I. Health Care Facilities								
(Ai) WC - Indemnity	$4,300	$4,300	$3,200	$6,170	$4,493	$5,000	$5,300	$5,500
(Aii) WC - Medical	1,500	2,700	1,600	3,400	2,300	2,700	2,900	3,000
(A) Workers compensation	$5,800	$7,000	$4,800	$9,570	$6,793	$7,700	$8,200	$8,500
(Bi) Cermak	370	550	660	710	573	820	850	880
(Bii) John H. Stroger	30,000	80,000	20,000	26,000	39,000	30,800	32,100	33,400
(Biii) Provident/Oak Forest/Unspecified	3,440	640	740	1,290	1,528	1,170	1,220	1,270
(B) Medical malpractice	$33,810	$81,190	$21,400	$28,000	$41,100	$32,790	$34,170	$35,550
(C) Subtotal	$39,610	$88,190	$26,200	$37,570	$47,893	$40,490	$42,370	$44,050
II. General Government								
(Di) WC - Indemnity	45,000	52,000	54,000	65,000	54,000	63,000	65,800	68,700
(Dii) WC - Medical	15,000	18,000	19,000	23,200	18,800	24,400	26,000	27,900
(D) Workers compensation	$60,000	$70,000	$73,000	$88,200	$72,800	$87,400	$91,800	$96,600
(E) General liability	4,920	2,600	1,340	820	2,420	1,257	1,290	1,324
(F) Automobile liability	900	750	980	2,920	1,388	2,220	2,300	2,390
(G) Law enforcement liability	23,000	26,500	35,000	30,000	28,625	30,900	32,000	33,100
(H) Other liability	5,900	7,800	22,100	14,400	12,550	16,200	16,600	16,900
(I) Subtotal	$94,720	$107,650	$132,420	$136,340	$117,783	$137,977	$143,990	$150,314
Total	$134,330	$195,840	$158,620	$173,910	$165,675	$178,467	$186,360	$194,364

Section I, Ai is from WC Health Care Indemnity Executive Summary.

Section I, Aii is from WC Health Care Medical Executive Summary.

Section I, Bi is from MM Cermak Executive Summary.

Section I, Bii is from MM Stroger Executive Summary.

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Section II, Di is from WC Government Indemnity Executive Summary.

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Section II, H is from OL Executive Summary.

Calculation of Claims-Related Expense Reserves

	Fiscal Year (1)	Medical Malpractice and Liability (2)	Medical Malpractice (3)	Liability (4)
1. Expense Payments				
	12/1/2000	$2,388,809	$238,881	$2,149,928
	12/1/2001	2,400,000	240,000	2,160,000
	12/1/2002	3,300,699	330,070	2,970,629
	12/1/2003	5,625,222	562,522	5,062,700
	12/1/2004	5,813,337	581,334	5,232,004
	12/1/2005	5,333,045	533,305	4,799,741
	12/1/2006	7,372,403	737,240	6,635,162
	12/1/2007	9,439,841	943,984	8,495,856
	12/1/2008	10,508,333	1,050,833	9,457,500
	12/1/2009	10,557,734	1,055,773	9,501,961
	12/1/2010	8,848,598	884,860	7,963,739
	12/1/2011	7,002,846	700,285	6,302,562
	12/1/2012	9,003,473	900,347	8,103,126
	12/1/2013	8,317,476	831,748	7,485,728
	12/1/2014	6,732,840	384,101	6,348,739
	12/1/2015	5,722,540	345,259	5,377,281
	12/1/2016	7,097,527	709,753	6,387,774
	12/1/2017	14,449,327	1,444,933	13,004,394
	12/1/2018	14,241,539	1,424,154	12,817,385
	12/1/2019	12,910,728	1,291,073	11,619,655
	12/1/2020	11,465,282	1,146,528	10,318,754
	12/1/2021	13,968,462	1,396,846	12,571,616
	12/1/2022	13,129,511	1,312,951	11,816,560
	12/1/2023	13,762,613	1,376,261	12,386,352
	Average	$8,724,674	$850,960	$7,873,714
2. Average FY 2001-2024 Loss Payments		$45,300,912	$25,668,664	$19,632,248
3. Ratio of Expense Payments to Loss Payments (Section 1 / Section 2)		Actual	3.32%	40.11%
		Prior	3.10%	43.18%
		Selected	3.15%	42.41%
4. Case Reserves as of 11/30/24		$419,652,864	$78,075,000	$341,577,864
5. IBNR Reserves as of 11/30/24		268,127,252	74,645,754	193,481,498
6. Estimated Undiscounted Expense Reserves as of 11/30/24		158,068,941	3,582,715	154,486,226
7. Discount Factor		0.870	0.877	0.870
8. Estimated Discounted Expense Reserves as of 11/30/24		137,538,630	3,143,709	134,394,920
9. Estimated Outstanding Losses as of 11/30/25		705,836,104	163,042,289	542,793,815
9a. Estimated Case Reserves as of 11/30/25		429,867,130	83,351,649	346,515,480
9b. Estimated IBNR Reserves as of 11/30/25		275,968,974	79,690,639	196,278,335
10. Estimated Undiscounted Expense Reserves as of 11/30/25		160,544,224	3,824,850	156,719,373
11. Estimated Discounted Expense Reserves as of 11/30/25		139,693,817	3,356,175	136,337,642
12. Estimated Outstanding Losses as of 11/30/26		649,948,621	172,009,285	477,939,335
12a. Estimated Case Reserves as of 11/30/26		393,048,691	87,935,822	305,112,869
12b. Estimated IBNR Reserves as of 11/30/26		256,899,930	84,073,464	172,826,466
13. Estimated Undiscounted Expense Reserves as of 11/30/26		142,029,326	4,035,209	137,994,117
14. Estimated Discounted Expense Reserves as of 11/30/26		123,588,408	3,540,758	120,047,650

Section 6 = (Section 3 x 50% x Section 4) + (Section 3 x Section 5).

Section 7 is based on the discounted reserves divided by the undiscounted reserves.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - ALL HOSPITALS COMBINED

Estimated Outstanding Losses as of November 30, 2024

Claim Period (1)	Limited Paid Losses 11/30/24 (2)	Limited Case Reserves 11/30/24 (3)	Limited Reported Incurred Losses 11/30/24 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/24 (5)-(4) (6)	Estimated Outstanding Losses 11/30/24 (3) + (6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/24 (7) x (8) (9)
Prior	$333,622,424	$0	$333,622,424	$333,622,424	$0	$0	1.00	$0
12/1/2001	25,697,540	0	25,697,540	25,697,540	0	0	1.00	0
12/1/2002	7,162,645	0	7,162,645	7,162,645	0	0	1.00	0
12/1/2003	39,571,000	0	39,571,000	39,571,000	0	0	1.00	0
12/1/2004	35,597,600	0	35,597,600	35,597,600	0	0	1.00	0
12/1/2005	25,370,000	0	25,370,000	25,370,000	0	0	1.00	0
12/1/2006	4,752,500	100,000	4,852,500	4,862,500	10,000	110,000	1.00	110,000
12/1/2007	8,302,000	0	8,302,000	8,302,000	0	0	1.00	0
12/1/2008	8,867,500	0	8,867,500	8,867,500	0	0	1.00	0
12/1/2009	11,202,500	0	11,202,500	11,202,500	0	0	1.00	0
12/1/2010	10,718,000	100,000	10,818,000	10,883,000	65,000	165,000	0.97	159,590
12/1/2011	37,843,999	1,550,000	39,393,999	39,875,000	481,001	2,031,001	0.95	1,938,648
12/1/2012	61,315,000	200,000	61,515,000	61,675,000	160,000	360,000	0.95	341,386
12/1/2013	2,050,000	150,000	2,200,000	2,525,000	325,000	475,000	0.94	446,591
12/1/2014	29,931,715	50,000	29,981,715	30,496,000	514,285	564,285	0.93	525,582
12/1/2015	15,162,500	1,005,000	16,167,500	17,365,000	1,197,500	2,202,500	0.92	2,035,527
12/1/2016	8,994,000	0	8,994,000	9,790,000	796,000	796,000	0.93	736,702
12/1/2017	34,835,000	4,850,000	39,685,000	41,070,000	1,385,000	6,235,000	0.93	5,804,704
12/1/2018	10,161,532	1,250,000	11,411,532	13,220,000	1,808,468	3,058,468	0.92	2,813,390
12/1/2019	14,442,500	13,450,000	27,892,500	30,790,000	2,897,500	16,347,500	0.92	15,084,211
12/1/2020	14,149,000	14,520,000	28,669,000	33,810,000	5,141,000	19,661,000	0.91	17,798,260
12/1/2021	29,600,000	40,000,000	69,600,000	81,190,000	11,590,000	51,590,000	0.88	45,431,698
12/1/2022	275,000	250,000	525,000	21,400,000	20,875,000	21,125,000	0.85	17,939,369
12/1/2023	0	600,000	600,000	28,000,000	27,400,000	28,000,000	0.82	22,841,565
Total	$769,623,956	$78,075,000	$847,698,956	$922,344,709	$74,645,754	$152,720,754		$134,007,223

Aon Proprietary and Confidential

Summary of Loss Payments

Claim Period (1)	Workers Compensation (2)	Liability Common Claims (3)	Medical Malpractice (Excluding Large Claims) (4)	Liability Catastrophe Claims and Med Mal Claims (5)	Total (6)
I. Actual Payments					
FY1996	$10,993,178	$2,423,315	$17,479,600	$750,000	$31,646,093
FY1997	8,868,321	3,072,412	6,189,500	0	18,130,233
FY1998	9,055,271	2,956,966	23,423,000	0	35,435,237
FY1999	9,294,766	3,339,344	19,898,900	15,772,220	48,305,230
FY2000	9,777,906	3,779,701	36,918,877	11,635,555	62,112,039
FY2001	10,377,014	3,842,381	30,313,000	17,894,722	62,427,117
FY2002	11,711,329	1,231,819	21,071,700	2,975,000	36,989,848
FY2003	11,743,398	2,184,184	28,420,541	5,200,000	47,548,123
FY2004	14,846,640	3,467,845	17,786,500	625,000	36,725,985
FY2005	16,136,301	2,754,958	13,779,500	17,750,000	50,420,759
FY2006	16,824,867	2,573,671	16,605,040	29,567,543	65,571,121
FY2007	16,278,694	7,784,841	24,334,820	16,760,000	65,158,355
FY2008	19,695,589	9,983,268	22,141,450	29,450,250	81,270,557
FY2009	24,349,162	8,530,865	16,469,000	0	49,349,027
FY2010	19,238,537	12,743,402	16,758,000	0	48,739,939
FY2011	21,648,616	6,855,702	18,765,000	44,634,001	91,903,319
FY2012	20,142,760	18,175,329	3,740,000	0	42,058,088
FY2013	18,890,070	9,919,330	9,292,499	20,000,000	58,101,899
FY2014	23,156,358	9,323,194	12,080,000	0	44,559,552
FY2015	23,678,804	6,752,584	14,303,000	12,000,000	56,734,388
FY2016	31,071,950	11,235,817	9,130,000	10,250,000	61,687,767
FY2017	33,526,713	9,334,603	4,039,000	27,125,000	74,025,316
FY2018	33,390,655	5,044,759	7,813,000	31,518,600	77,767,013
FY2019	36,515,313	11,625,831	4,888,860	39,870,000	92,900,004
FY2020	43,569,284	25,516,404	24,455,000	25,250,000	118,790,688
FY2021	44,906,576	10,097,925	14,959,000	17,723,363	87,686,863
FY2022	44,093,467	24,218,135	13,524,000	36,650,000	118,485,603
FY2023	48,581,096	27,130,364	5,857,500	22,875,000	104,443,960
FY2024	52,152,534	62,693,252	1,666,532	56,650,000	173,162,318
II. Estimated Future Payments					
FY2025	49,947,045	42,842,547	22,468,465		115,258,057
FY2026	50,622,143	37,254,469	25,203,003		113,079,615
FY2027	52,094,797	33,132,305	30,323,733		115,550,835

Payments are limited to Cook County's self-insured retentions.

(3) and (4) exclude claims included in (5).

Section I, (5) is defined as payments of at least $1 million for automobile liability and $3 million for general liability, other liabiity, and medical malpractice.

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)
Summary by Coverage

Losses Limited to Actual Retention

Coverage (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Percentage Change in Ultimate (7) / (6) - 1 (9)	Limited Paid Losses 11/30/23 (10)	Limited Paid Losses 11/30/24 (11)	Limited Case Reserves 11/30/23 (2) - (10) (12)	Limited Case Reserves 11/30/24 (3) - (11) (13)	Estimated IBNR 11/30/23 (4)-(12) (14)	Estimated IBNR 11/30/24 (5)-(13) (15)
A. Health Care Facilities														
(Ai) WC - Indemnity	$112,340	$115,049	$23,543	$23,646	$124,183	$122,745	($1,439)	-1.2%	$95,940	$99,098	$16,400	$15,951	$7,143	$7,695
(Aii) WC - Medical	39,438	40,675	11,698	12,252	43,596	42,029	(1,567)	-3.6%	29,310	29,777	10,128	10,898	1,570	1,354
(Bi) Cermak	29,307	30,207	3,100	4,000	33,157	33,187	30	0.1%	29,187	29,187	120	1,020	2,980	2,980
(Bii) John H. Stroger	657,442	708,983	133,343	141,606	742,705	777,185	34,480	4.6%	581,762	635,578	75,680	73,405	57,663	68,201
(Biv) Provident/Oak Forest/Unspecified	105,009	108,509	3,521	7,114	109,543	111,973	2,430	2.2%	104,859	104,859	150	3,650	3,371	3,464
B. General Government														
(Ei) WC - Indemnity	534,759	569,787	218,389	222,044	696,948	680,626	(16,322)	-2.3%	418,459	458,582	116,299	111,206	102,089	110,839
(Eii) WC - Medical	225,815	227,447	74,054	67,674	264,405	243,230	(21,175)	-8.0%	167,151	175,556	58,664	51,891	15,389	15,783
(F) General liability	16,539	20,121	6,557	5,236	18,937	21,648	2,711	14.3%	11,560	16,412	4,978	3,708	1,578	1,527
(G) Automobile liability	46,267	48,537	3,357	4,472	51,018	51,118	100	0.2%	45,620	46,646	647	1,892	2,710	2,580
(H) Law enforcement liability	468,273	560,553	397,877	445,308	631,058	709,670	78,611	12.5%	203,781	264,361	264,492	296,192	133,385	149,117
(I) Other liability	257,447	242,192	103,978	80,043	322,048	282,449	(39,598)	-12.3%	201,670	202,406	55,777	39,786	48,200	40,257
Total	$2,492,635	$2,672,060	$979,417	$1,013,397	$3,037,597	$3,075,859	$38,261	1.3%	$1,889,299	$2,062,462	$603,336	$609,599	$376,081	$403,798

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)
Summary by Claim Period

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Percentage Change in Ultimate (7) / (6) - 1 (9)	Limited Paid Losses 11/30/23 (10)	Limited Paid Losses 11/30/24 (11)	Limited Case Reserves 11/30/23 (2) - (10) (12)	Limited Case Reserves 11/30/24 (3) - (11) (13)	Estimated IBNR 11/30/23 (4)-(12) (14)	Estimated IBNR 11/30/24 (5)-(13) (15)
Prior	$777,611	$893,990	$139,258	$220,014	$804,377	$936,334	$131,957	16.4%	$665,119	$716,319	$112,492	$177,671	$26,766	$42,344
12/1/2001	55,121	60,121	9	5,150	55,130	60,271	5,141	9.3%	55,121	55,121	-	5,000	9	150
12/1/2002	35,481	31,486	5,140	1,008	35,635	31,551	(4,085)	-11.5%	30,496	30,543	4,986	943	154	65
12/1/2003	128,791	131,901	2,224	2,163	129,007	132,086	3,079	2.4%	126,783	129,923	2,008	1,978	216	185
12/1/2004	76,807	81,791	954	6,089	76,994	82,204	5,210	6.8%	76,039	76,115	768	5,676	186	413
12/1/2005	50,235	65,234	1,101	16,425	50,445	65,812	15,367	30.5%	49,345	49,388	890	15,846	211	579
12/1/2006	40,772	39,617	6,092	4,400	41,317	39,971	(1,346)	-3.3%	35,225	35,572	5,547	4,045	545	355
12/1/2007	51,454	51,785	595	166	51,909	51,950	42	0.1%	51,314	51,785	141	-	455	166
12/1/2008	42,892	42,895	848	356	43,290	43,191	(99)	-0.2%	42,442	42,835	449	60	398	296
12/1/2009	51,915	51,787	2,831	2,301	52,672	52,353	(319)	-0.6%	49,841	50,052	2,074	1,735	757	566
12/1/2010	72,578	72,880	4,526	5,308	73,711	74,848	1,137	1.5%	69,186	69,540	3,392	3,340	1,133	1,968
12/1/2011	70,916	74,561	9,317	13,066	74,601	78,780	4,179	5.6%	65,285	65,714	5,632	8,847	3,685	4,219
12/1/2012	101,297	99,946	10,016	7,863	103,053	101,282	(1,771)	-1.7%	93,038	93,419	8,260	6,527	1,756	1,336
12/1/2013	70,052	64,432	32,171	24,938	74,171	67,701	(6,470)	-8.7%	42,000	42,763	28,052	21,670	4,119	3,269
12/1/2014	79,735	85,583	10,241	13,625	85,040	88,698	3,658	4.3%	74,799	75,074	4,935	10,510	5,306	3,115
12/1/2015	83,212	67,534	34,379	11,915	91,086	73,384	(17,702)	-19.4%	56,707	61,469	26,505	6,065	7,874	5,850
12/1/2016	71,443	76,813	29,711	28,193	81,280	85,196	3,916	4.8%	51,569	57,004	19,874	19,810	9,838	8,383
12/1/2017	112,241	116,644	42,427	35,744	126,900	126,654	(246)	-0.2%	84,473	90,910	27,769	25,734	14,659	10,010
12/1/2018	72,105	79,215	43,953	36,552	93,555	91,561	(1,994)	-2.1%	49,602	55,009	22,502	24,206	21,450	12,346
12/1/2019	119,122	106,380	97,081	66,515	151,124	129,330	(21,794)	-14.4%	54,043	62,815	65,079	43,565	32,002	22,950
12/1/2020	96,234	102,721	108,358	74,704	142,210	134,330	(7,880)	-5.5%	33,852	59,626	62,382	43,095	45,976	31,609
12/1/2021	153,774	146,986	214,396	134,907	238,366	195,840	(42,526)	-17.8%	23,970	60,933	129,804	86,053	84,592	48,854
12/1/2022	78,847	73,135	183,790	136,759	192,842	158,620	(34,222)	-17.7%	9,052	21,861	69,795	51,274	113,995	85,485
12/1/2023		54,623		165,239	168,881	173,910	5,029	3.0%		8,671		45,952		119,287
Total	$2,492,635	$2,672,060	$979,417	$1,013,397	$3,037,597	$3,075,859	$38,261	1.3%	$1,889,299	$2,062,462	$603,336	$609,599	$376,081	$403,798
Total (ex FY2024)	$2,492,635	$2,617,437	$979,417	$848,158	$2,868,716	$2,901,949	$33,232	1.2%	$1,889,299	$2,053,790	$603,336	$563,647	$376,081	$284,512

COOK COUNTY, ILLINOIS
WORKERS' COMPENSATION - HEALTH CARE FACILITIES (INDEMNITY)

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$56,417	$56,211	$4,451	$3,961	$56,741	$56,504	($237)	$52,290	$52,543	$4,127	$3,668	$324	$293
12/1/2001	1,187	1,187	5	0	1,192	1,187	(5)	1,187	1,187	0	0	5	0
12/1/2002	3,265	3,265	228	211	3,270	3,269	(1)	3,042	3,058	223	207	5	4
12/1/2003	1,955	1,962	85	85	1,962	1,967	5	1,877	1,882	78	80	7	5
12/1/2004	2,667	2,667	10	0	2,677	2,667	(10)	2,667	2,667	0	0	10	0
12/1/2005	1,739	1,739	0	0	1,739	1,739	0	1,739	1,739	0	0	0	0
12/1/2006	2,087	2,087	6	0	2,093	2,087	(6)	2,087	2,087	0	0	6	0
12/1/2007	1,931	1,931	11	0	1,942	1,931	(11)	1,931	1,931	0	0	11	0
12/1/2008	2,135	2,139	78	73	2,156	2,156	0	2,078	2,083	57	55	21	17
12/1/2009	2,879	2,828	714	535	2,975	2,894	(81)	2,261	2,359	618	469	96	66
12/1/2010	2,002	2,002	66	63	2,026	2,023	(3)	1,960	1,960	43	43	24	21
12/1/2011	2,360	2,317	141	68	2,404	2,343	(61)	2,263	2,275	97	42	44	26
12/1/2012	3,761	3,800	549	461	3,866	3,866	0	3,317	3,405	444	395	105	66
12/1/2013	3,237	3,124	800	530	3,310	3,181	(129)	2,510	2,651	727	472	73	57
12/1/2014	1,739	1,724	171	131	1,810	1,780	(30)	1,639	1,649	99	75	71	56
12/1/2015	2,488	2,488	252	202	2,620	2,570	(50)	2,368	2,368	120	120	132	82
12/1/2016	2,793	2,868	693	639	2,990	2,990	0	2,297	2,351	495	518	197	122
12/1/2017	2,157	2,058	512	322	2,410	2,250	(160)	1,898	1,928	259	130	253	192
12/1/2018	4,061	4,175	2,223	2,112	4,500	4,470	(30)	2,277	2,358	1,785	1,817	439	295
12/1/2019	2,548	2,503	1,855	1,075	3,200	2,900	(300)	1,345	1,825	1,203	679	652	397
12/1/2020	3,282	3,538	3,170	2,675	4,400	4,300	(100)	1,230	1,625	2,052	1,913	1,118	762
12/1/2021	3,447	3,305	3,596	2,438	4,900	4,300	(600)	1,304	1,862	2,142	1,443	1,453	995
12/1/2022	2,203	1,782	3,927	2,375	4,300	3,200	(1,100)	373	825	1,830	958	2,097	1,418
12/1/2023		3,346		5,691	4,700	6,170	1,470		479		2,867		2,824
Total	$112,340	$115,049	$23,543	$23,646	$124,183	$122,745	($1,439)	$95,940	$99,098	$16,400	$15,951	$7,143	$7,695
Total (ex FY2024)	$112,340	$111,703	$23,543	$17,955	$119,483	$116,575	($2,909)	$95,940	$98,619	$16,400	$13,084	$7,143	$4,872

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$13,834	$13,782	$428	$367	$13,864	$13,815	($49)	$13,436	$13,448	$398	$333	$30	$33
12/1/2001	620	620	5	0	625	620	(5)	620	620	0	0	5	0
12/1/2002	917	917	20	20	919	919	0	899	899	18	18	2	2
12/1/2003	1,325	1,325	111	108	1,329	1,329	0	1,218	1,221	107	104	4	4
12/1/2004	1,261	1,262	0	0	1,261	1,262	0	1,261	1,262	0	0	0	0
12/1/2005	764	764	0	0	764	764	0	764	764	0	0	0	0
12/1/2006	925	925	0	0	925	925	0	925	925	0	0	0	0
12/1/2007	747	747	0	0	747	747	0	747	747	0	0	0	0
12/1/2008	694	694	5	5	695	695	0	690	690	5	5	1	1
12/1/2009	1,339	1,337	625	625	1,360	1,360	0	735	735	604	603	21	23
12/1/2010	680	680	16	16	684	684	0	668	668	13	13	4	4
12/1/2011	999	999	17	17	1,010	1,010	0	993	993	6	6	11	11
12/1/2012	1,642	1,657	484	497	1,670	1,689	19	1,186	1,192	456	466	28	32
12/1/2013	992	897	372	255	1,041	940	(101)	669	685	323	213	49	43
12/1/2014	529	522	67	54	552	540	(12)	485	486	44	36	23	18
12/1/2015	738	738	61	62	759	760	1	698	698	40	40	21	22
12/1/2016	732	764	246	264	760	790	30	514	526	217	238	28	26
12/1/2017	552	434	224	64	619	460	(159)	395	396	157	38	67	26
12/1/2018	2,059	2,171	1,390	1,403	2,125	2,220	95	735	817	1,324	1,354	66	49
12/1/2019	1,692	1,255	1,448	961	1,776	1,300	(476)	328	339	1,364	916	84	45
12/1/2020	1,445	1,413	1,023	929	1,573	1,500	(73)	550	571	895	841	128	87
12/1/2021	2,872	2,523	2,556	1,850	3,250	2,700	(550)	694	850	2,179	1,672	378	177
12/1/2022	2,079	1,468	2,600	1,455	2,700	1,600	(1,100)	100	145	1,979	1,323	621	132
12/1/2023		2,781		3,298	2,588	3,400	812		102		2,679		619
Total	$39,438	$40,675	$11,698	$12,252	$43,596	$42,029	($1,567)	$29,310	$29,777	$10,128	$10,898	$1,570	$1,354
Total (ex FY2024)	$39,438	$37,894	$11,698	$8,954	$41,008	$38,629	($2,379)	$29,310	$29,675	$10,128	$8,219	$1,570	$735

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$12,012	$12,012	$0	$0	$12,012	$12,012	$0	$12,012	$12,012	$0	$0	$0	$0
12/1/2001	1,000	1,000	0	0	1,000	1,000	0	1,000	1,000	0	0	0	0
12/1/2002	19	19	0	0	19	19	0	19	19	0	0	0	0
12/1/2003	2,959	2,959	0	0	2,959	2,959	0	2,959	2,959	0	0	0	0
12/1/2004	1	1	0	0	1	1	0	1	1	0	0	0	0
12/1/2005	1,000	1,000	0	0	1,000	1,000	0	1,000	1,000	0	0	0	0
12/1/2006	3	3	0	0	3	3	0	3	3	0	0	0	0
12/1/2007	1,000	1,000	0	0	1,000	1,000	0	1,000	1,000	0	0	0	0
12/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2009	1,310	1,310	0	0	1,310	1,310	0	1,310	1,310	0	0	0	0
12/1/2010	3	3	0	0	3	3	0	3	3	0	0	0	0
12/1/2011	10	10	0	0	10	10	0	10	10	0	0	0	0
12/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2014	6,041	6,041	0	0	6,041	6,041	0	6,041	6,041	0	0	0	0
12/1/2015	2,930	2,930	150	90	3,080	3,020	(60)	2,930	2,930	0	0	150	90
12/1/2016	900	900	60	40	960	940	(20)	900	900	0	0	60	40
12/1/2017	0	0	240	170	240	170	(70)	0	0	0	0	240	170
12/1/2018	100	1,000	330	1,120	330	1,120	790	0	0	100	1,000	230	120
12/1/2019	0	0	340	290	340	290	(50)	0	0	0	0	340	290
12/1/2020	20	20	480	370	480	370	(110)	0	0	20	20	460	350
12/1/2021	0	0	690	550	690	550	(140)	0	0	0	0	690	550
12/1/2022	0	0	810	660	810	660	(150)	0	0	0	0	810	660
12/1/2023		0		710	870	710	(160)		0		0		710
Total	$29,307	$30,207	$3,100	$4,000	$33,157	$33,187	$30	$29,187	$29,187	$120	$1,020	$2,980	$2,980
Total (ex FY2024)	$29,307	$30,207	$3,100	$3,290	$32,287	$32,477	$190	$29,187	$29,187	$120	$1,020	$2,980	$2,270

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - JOHN H. STROGER, JR. HOSPITAL

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$259,882	$259,882	$0	$0	$259,882	$259,882	$0	$259,882	$259,882	$0	$0	$0	$0
12/1/2001	23,648	23,648	0	0	23,648	23,648	0	23,648	23,648	0	0	0	0
12/1/2002	4,269	4,269	0	0	4,269	4,269	0	4,269	4,269	0	0	0	0
12/1/2003	8,378	8,378	0	0	8,378	8,378	0	8,378	8,378	0	0	0	0
12/1/2004	33,607	33,607	0	0	33,607	33,607	0	33,607	33,607	0	0	0	0
12/1/2005	23,325	23,325	0	0	23,325	23,325	0	23,325	23,325	0	0	0	0
12/1/2006	4,850	4,850	110	110	4,860	4,860	0	4,750	4,750	100	100	10	10
12/1/2007	7,002	7,002	0	0	7,002	7,002	0	7,002	7,002	0	0	0	0
12/1/2008	8,393	8,393	0	0	8,393	8,393	0	8,393	8,393	0	0	0	0
12/1/2009	9,093	9,093	0	0	9,093	9,093	0	9,093	9,093	0	0	0	0
12/1/2010	10,815	10,815	285	165	11,000	10,880	(120)	10,715	10,715	100	100	185	65
12/1/2011	40,369	37,569	4,931	2,031	40,950	38,050	(2,900)	36,019	36,019	4,350	1,550	581	481
12/1/2012	60,340	60,340	360	360	60,500	60,500	0	60,140	60,140	200	200	160	160
12/1/2013	1,775	1,775	575	475	2,200	2,100	(100)	1,625	1,625	150	150	425	325
12/1/2014	23,890	23,890	1,210	510	25,100	24,400	(700)	23,890	23,890	0	0	1,210	510
12/1/2015	10,618	10,293	7,063	2,113	12,300	11,400	(900)	5,238	9,288	5,380	1,005	1,683	1,108
12/1/2016	6,194	8,094	2,806	706	7,500	8,800	1,300	4,694	8,094	1,500	0	1,306	706
12/1/2017	36,335	39,685	7,265	5,965	38,100	40,800	2,700	30,835	34,835	5,500	4,850	1,765	1,115
12/1/2018	12,470	10,412	6,180	1,638	16,000	11,800	(4,200)	9,820	10,162	2,650	250	3,530	1,388
12/1/2019	29,693	27,793	20,558	15,558	35,000	30,000	(5,000)	14,443	14,443	15,250	13,350	5,308	2,208
12/1/2020	12,999	25,649	19,001	15,851	21,000	30,000	9,000	1,999	14,149	11,000	11,500	8,001	4,351
12/1/2021	29,500	69,600	41,000	50,400	41,000	80,000	39,000	0	29,600	29,500	40,000	11,500	10,400
12/1/2022	0	525	22,000	19,725	22,000	20,000	(2,000)	0	275	0	250	22,000	19,475
12/1/2023		100		26,000	27,600	26,000	(1,600)		0		100		25,900
Total	$657,442	$708,983	$133,343	$141,606	$742,705	$777,185	$34,480	$581,762	$635,578	$75,680	$73,405	$57,663	$68,201
Total (ex FY2024)	$657,442	$708,883	$133,343	$115,606	$715,105	$751,185	$36,080	$581,762	$635,578	$75,680	$73,305	$57,663	$42,301

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$61,728	$61,728	$0	$0	$61,728	$61,728	$0	$61,728	$61,728	$0	$0	$0	$0
12/1/2001	1,050	1,050	0	0	1,050	1,050	0	1,050	1,050	0	0	0	0
12/1/2002	2,875	2,875	0	0	2,875	2,875	0	2,875	2,875	0	0	0	0
12/1/2003	28,235	28,235	0	0	28,235	28,235	0	28,235	28,235	0	0	0	0
12/1/2004	1,990	1,990	0	0	1,990	1,990	0	1,990	1,990	0	0	0	0
12/1/2005	1,045	1,045	0	0	1,045	1,045	0	1,045	1,045	0	0	0	0
12/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2007	300	300	0	0	300	300	0	300	300	0	0	0	0
12/1/2008	475	475	0	0	475	475	0	475	475	0	0	0	0
12/1/2009	800	800	0	0	800	800	0	800	800	0	0	0	0
12/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2011	1,815	1,815	0	0	1,815	1,815	0	1,815	1,815	0	0	0	0
12/1/2012	1,175	1,175	0	0	1,175	1,175	0	1,175	1,175	0	0	0	0
12/1/2013	425	425	0	0	425	425	0	425	425	0	0	0	0
12/1/2014	51	51	54	54	55	55	0	1	1	50	50	4	4
12/1/2015	2,945	2,945	0	0	2,945	2,945	0	2,945	2,945	0	0	0	0
12/1/2016	0	0	64	50	64	50	(14)	0	0	0	0	64	50
12/1/2017	0	0	130	100	130	100	(30)	0	0	0	0	130	100
12/1/2018	0	0	411	300	411	300	(111)	0	0	0	0	411	300
12/1/2019	100	100	611	500	611	500	(111)	0	0	100	100	511	400
12/1/2020	0	3,000	515	3,440	515	3,440	2,925	0	0	0	3,000	515	440
12/1/2021	0	0	817	640	817	640	(177)	0	0	0	0	817	640
12/1/2022	0	0	919	740	919	740	(179)	0	0	0	0	919	740
12/1/2023		500		1,290	1,163	1,290	127		0		500		790
Total	$105,009	$108,509	$3,521	$7,114	$109,543	$111,973	$2,430	$104,859	$104,859	$150	$3,650	$3,371	$3,464
Total (ex FY2024)	$105,009	$108,009	$3,521	$5,824	$108,380	$110,683	$2,303	$104,859	$104,859	$150	$3,150	$3,371	$2,674

COOK COUNTY, ILLINOIS
WORKERS' COMPENSATION - GENERAL GOVERNMENT (INDEMNITY)

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$88,851	$88,729	$3,419	$2,767	$89,900	$89,400	($500)	$86,481	$86,633	$2,371	$2,096	$1,049	$671
12/1/2001	8,632	8,632	0	0	8,632	8,632	0	8,632	8,632	0	0	0	0
12/1/2002	8,995	8,999	711	679	9,045	9,044	(1)	8,334	8,365	660	633	50	45
12/1/2003	9,788	9,791	1,315	1,259	9,976	9,952	(24)	8,661	8,693	1,128	1,098	188	161
12/1/2004	9,615	9,596	590	506	9,679	9,667	(12)	9,089	9,161	526	435	64	71
12/1/2005	9,622	9,621	477	434	9,709	9,709	0	9,232	9,275	390	346	87	88
12/1/2006	14,237	13,124	2,189	556	14,644	13,357	(1,287)	12,455	12,801	1,782	323	407	233
12/1/2007	18,602	18,987	292	122	18,808	19,109	301	18,516	18,987	86	0	206	122
12/1/2008	14,782	14,806	562	200	15,045	15,006	(39)	14,483	14,806	298	0	263	200
12/1/2009	14,119	14,143	941	827	14,580	14,550	(30)	13,639	13,723	479	420	461	407
12/1/2010	13,214	13,195	2,683	2,411	13,800	13,760	(40)	11,117	11,349	2,097	1,846	586	565
12/1/2011	13,224	13,223	683	579	13,800	13,700	(100)	13,117	13,121	106	102	576	477
12/1/2012	13,140	12,998	2,082	1,636	13,530	13,370	(160)	11,448	11,734	1,692	1,265	390	372
12/1/2013	16,296	16,639	2,419	2,084	17,000	17,270	270	14,581	15,186	1,715	1,453	704	631
12/1/2014	18,165	19,645	2,957	3,635	19,600	20,500	900	16,643	16,865	1,521	2,780	1,435	855
12/1/2015	27,235	26,713	4,975	3,707	29,300	28,700	(600)	24,325	24,993	2,911	1,721	2,065	1,987
12/1/2016	29,728	29,681	9,113	7,198	33,000	32,500	(500)	23,887	25,302	5,841	4,380	3,272	2,819
12/1/2017	33,011	35,713	11,891	10,979	37,300	38,500	1,200	25,409	27,521	7,601	8,192	4,289	2,787
12/1/2018	29,388	31,114	11,619	9,482	35,000	35,400	400	23,381	25,918	6,007	5,196	5,612	4,286
12/1/2019	41,911	44,003	26,294	20,836	52,500	52,500	0	26,206	31,664	15,705	12,339	10,589	8,497
12/1/2020	33,724	35,534	27,094	20,503	46,000	45,000	(1,000)	18,906	24,497	14,817	11,037	12,276	9,466
12/1/2021	35,582	36,333	43,072	32,561	57,000	52,000	(5,000)	13,928	19,439	21,654	16,894	21,418	15,667
12/1/2022	32,898	30,394	63,012	39,815	69,000	54,000	(15,000)	5,988	14,185	26,910	16,209	36,102	23,606
12/1/2023		28,175		59,267	60,100	65,000	4,900		5,733		22,442		36,825
Total	$534,759	$569,787	$218,389	$222,044	$696,948	$680,626	($16,322)	$418,459	$458,582	$116,299	$111,206	$102,089	$110,839
Total (ex FY2024)	$534,759	$541,612	$218,389	$162,777	$636,848	$615,626	($21,222)	$418,459	$452,849	$116,299	$88,763	$102,089	$74,014

COOK COUNTY, ILLINOIS
WORKERS' COMPENSATION - GENERAL GOVERNMENT (MEDICAL)

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$32,412	$32,173	$680	$390	$32,497	$32,240	($257)	$31,817	$31,850	$596	$323	$85	$67
12/1/2001	4,042	4,042	0	0	4,042	4,042	0	4,042	4,042	0	0	0	0
12/1/2002	4,231	4,231	105	98	4,252	4,245	(7)	4,147	4,147	84	84	21	14
12/1/2003	4,507	4,507	713	711	4,524	4,522	(2)	3,811	3,811	696	696	17	15
12/1/2004	12,143	12,146	204	182	12,205	12,187	(18)	12,001	12,005	142	141	62	41
12/1/2005	4,204	4,205	13	9	4,217	4,214	(3)	4,204	4,205	0	0	13	9
12/1/2006	4,909	4,866	78	25	4,944	4,891	(53)	4,866	4,866	43	0	35	25
12/1/2007	6,200	6,145	119	44	6,264	6,189	(75)	6,145	6,145	54	0	64	44
12/1/2008	6,576	6,552	203	78	6,690	6,630	(60)	6,487	6,552	89	0	114	78
12/1/2009	6,786	6,786	355	306	6,870	6,850	(20)	6,515	6,544	271	242	84	64
12/1/2010	5,543	5,368	602	299	5,610	5,430	(180)	5,008	5,131	535	237	67	62
12/1/2011	4,504	4,504	189	169	4,600	4,580	(20)	4,411	4,411	93	93	96	76
12/1/2012	4,397	4,383	235	204	4,490	4,460	(30)	4,255	4,256	143	126	93	77
12/1/2013	5,474	5,120	786	435	5,600	5,250	(350)	4,814	4,815	660	305	126	130
12/1/2014	5,955	6,109	881	939	6,100	6,200	100	5,219	5,261	736	848	145	91
12/1/2015	9,428	9,036	1,034	389	9,700	9,100	(600)	8,666	8,711	762	325	272	64
12/1/2016	10,480	10,210	2,621	2,185	10,900	10,700	(200)	8,279	8,515	2,201	1,696	420	490
12/1/2017	9,854	9,473	2,706	2,177	10,300	9,800	(500)	7,594	7,623	2,260	1,849	446	327
12/1/2018	10,186	10,075	3,233	2,452	11,000	10,500	(500)	7,767	8,048	2,419	2,027	814	425
12/1/2019	17,556	15,235	9,464	6,133	19,000	16,000	(3,000)	9,536	9,867	8,020	5,367	1,444	765
12/1/2020	16,330	14,252	9,103	6,281	17,400	15,000	(2,400)	8,297	8,719	8,032	5,533	1,070	748
12/1/2021	20,598	16,867	16,097	10,228	23,000	18,000	(5,000)	6,903	7,772	13,695	9,095	2,402	1,133
12/1/2022	19,498	16,134	24,634	12,999	27,000	19,000	(8,000)	2,366	6,001	17,133	10,133	7,502	2,866
12/1/2023		15,026		20,942	23,200	23,200	0		2,258		12,769		8,174
Total	$225,815	$227,447	$74,054	$67,674	$264,405	$243,230	($21,175)	$167,151	$175,556	$58,664	$51,891	$15,389	$15,783
Total (ex FY2024)	$225,815	$212,420	$74,054	$46,731	$241,205	$220,030	($21,175)	$167,151	$173,298	$58,664	$39,122	$15,389	$7,609

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$6,388	$6,388	$0	$0	$6,388	$6,388	$0	$6,388	$6,388	$0	$0	$0	$0
12/1/2001	265	265	0	0	265	265	0	265	265	0	0	0	0
12/1/2002	432	432	0	0	432	432	0	432	432	0	0	0	0
12/1/2003	40	40	0	0	40	40	0	40	40	0	0	0	0
12/1/2004	236	236	0	0	236	236	0	236	236	0	0	0	0
12/1/2005	152	152	0	0	152	152	0	152	152	0	0	0	0
12/1/2006	112	112	0	0	112	112	0	112	112	0	0	0	0
12/1/2007	538	538	0	0	538	538	0	538	538	0	0	0	0
12/1/2008	195	195	0	0	195	195	0	195	195	0	0	0	0
12/1/2009	325	325	0	0	325	325	0	325	325	0	0	0	0
12/1/2010	154	154	0	0	154	154	0	154	154	0	0	0	0
12/1/2011	147	147	0	0	147	147	0	147	147	0	0	0	0
12/1/2012	370	370	0	0	370	370	0	370	370	0	0	0	0
12/1/2013	259	259	0	0	259	259	0	259	259	0	0	0	0
12/1/2014	373	373	0	0	373	373	0	373	373	0	0	0	0
12/1/2015	258	358	104	211	262	369	107	158	158	100	200	4	11
12/1/2016	474	489	18	38	477	497	20	459	459	15	30	3	8
12/1/2017	866	566	394	97	891	594	(297)	497	497	369	69	25	28
12/1/2018	377	327	161	113	409	361	(48)	248	248	129	79	32	34
12/1/2019	795	129	842	46	887	160	(727)	45	114	750	15	92	31
12/1/2020	3,399	4,832	3,758	113	3,852	4,920	1,068	94	4,807	3,305	25	453	88
12/1/2021	310	2,288	589	2,547	639	2,600	1,961	50	53	260	2,235	329	312
12/1/2022	72	1,084	691	1,311	713	1,340	627	22	29	50	1,055	641	256
12/1/2023		61		759	820	820	0		61		0		759
Total	$16,539	$20,121	$6,557	$5,236	$18,937	$21,648	$2,711	$11,560	$16,412	$4,978	$3,708	$1,578	$1,527
Total (ex FY2024)	$16,539	$20,060	$6,557	$4,476	$18,117	$20,828	$2,711	$11,560	$16,352	$4,978	$3,708	$1,578	$768

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$13,250	$13,250	$0	$0	$13,250	$13,250	$0	$13,250	$13,250	$0	$0	$0	$0
12/1/2001	2,524	2,524	0	0	2,524	2,524	0	2,524	2,524	0	0	0	0
12/1/2002	234	234	0	0	234	234	0	234	234	0	0	0	0
12/1/2003	431	431	0	0	431	431	0	431	431	0	0	0	0
12/1/2004	2,857	2,857	0	0	2,857	2,857	0	2,857	2,857	0	0	0	0
12/1/2005	201	201	0	0	201	201	0	201	201	0	0	0	0
12/1/2006	653	653	0	0	653	653	0	653	653	0	0	0	0
12/1/2007	150	150	0	0	150	150	0	150	150	0	0	0	0
12/1/2008	192	192	0	0	192	192	0	192	192	0	0	0	0
12/1/2009	6,849	6,849	0	0	6,849	6,849	0	6,849	6,849	0	0	0	0
12/1/2010	834	834	0	0	834	834	0	834	834	0	0	0	0
12/1/2011	445	445	0	0	445	445	0	445	445	0	0	0	0
12/1/2012	302	302	0	0	302	302	0	302	302	0	0	0	0
12/1/2013	2,936	2,936	0	0	2,936	2,936	0	2,936	2,936	0	0	0	0
12/1/2014	309	309	0	0	309	309	0	309	309	0	0	0	0
12/1/2015	1,520	1,520	0	0	1,520	1,520	0	1,520	1,520	0	0	0	0
12/1/2016	1,529	1,529	0	0	1,529	1,529	0	1,529	1,529	0	0	0	0
12/1/2017	8,968	8,768	251	21	9,010	8,780	(230)	8,759	8,759	209	9	42	12
12/1/2018	1,157	1,287	86	36	1,180	1,290	110	1,094	1,254	63	33	23	3
12/1/2019	234	234	101	71	310	280	(30)	209	209	25	25	76	46
12/1/2020	348	849	542	51	690	900	210	148	849	200	0	342	51
12/1/2021	305	430	915	520	1,070	750	(320)	155	230	150	200	765	320
12/1/2022	38	179	1,462	876	1,500	980	(520)	38	104	0	75	1,462	801
12/1/2023		1,573		2,897	2,040	2,920	880		23		1,550		1,347
Total	$46,267	$48,537	$3,357	$4,472	$51,018	$51,118	$100	$45,620	$46,646	$647	$1,892	$2,710	$2,580
Total (ex FY2024)	$46,267	$46,964	$3,357	$1,575	$48,978	$48,198	($780)	$45,620	$46,622	$647	$342	$2,710	$1,233

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$136,722	$253,722	$130,278	$212,528	$162,000	$295,000	$133,000	$31,722	$82,472	$105,000	$171,250	$25,278	$41,278
12/1/2001	0	5,000	0	5,150	0	5,150	5,150	0	0	0	5,000	0	150
12/1/2002	5,024	1,024	4,076	0	5,100	1,024	(4,076)	1,024	1,024	4,000	0	76	0
12/1/2003	54,222	57,322	0	0	54,222	57,322	3,100	54,222	57,322	0	0	0	0
12/1/2004	1,405	6,405	15	5,265	1,420	6,670	5,250	1,405	1,405	0	5,000	15	265
12/1/2005	4,159	19,159	611	15,981	4,270	19,640	15,370	3,659	3,659	500	15,500	111	481
12/1/2006	2,403	2,403	0	0	2,403	2,403	0	2,403	2,403	0	0	0	0
12/1/2007	13,697	13,697	173	0	13,870	13,697	(173)	13,697	13,697	0	0	173	0
12/1/2008	4,393	4,393	0	0	4,393	4,393	0	4,393	4,393	0	0	0	0
12/1/2009	6,603	6,603	8	8	6,610	6,610	0	6,602	6,602	1	1	7	7
12/1/2010	31,268	32,218	232	2,292	31,400	33,460	2,060	31,168	31,168	100	1,050	132	1,242
12/1/2011	4,257	10,744	3,091	10,138	6,420	13,880	7,460	3,329	3,742	928	7,003	2,163	3,136
12/1/2012	10,230	9,580	1,370	510	10,950	10,090	(860)	9,580	9,580	650	0	720	510
12/1/2013	32,479	28,229	21,671	16,901	34,900	30,130	(4,770)	13,229	13,229	19,250	15,000	2,421	1,901
12/1/2014	5,354	9,919	3,221	7,521	7,100	11,400	4,300	3,879	3,879	1,475	6,040	1,746	1,481
12/1/2015	14,920	5,906	11,533	2,233	17,300	8,000	(9,300)	5,767	5,767	9,153	139	2,380	2,094
12/1/2016	11,654	16,424	6,036	11,151	14,500	19,800	5,300	8,464	8,649	3,190	7,775	2,846	3,376
12/1/2017	8,389	12,674	11,133	14,391	13,800	17,200	3,400	2,667	2,809	5,722	9,866	5,411	4,526
12/1/2018	9,000	12,959	13,257	12,702	16,000	17,300	1,300	2,743	4,598	6,257	8,361	7,000	4,341
12/1/2019	18,028	13,705	25,408	18,014	27,000	22,000	(5,000)	1,592	3,986	16,435	9,719	8,972	8,295
12/1/2020	23,431	11,600	35,876	19,311	38,000	23,000	(15,000)	2,124	3,689	21,307	7,911	14,569	11,400
12/1/2021	49,865	13,637	81,914	26,272	82,000	26,500	(55,500)	86	228	49,779	13,409	32,135	12,863
12/1/2022	20,771	10,204	47,974	34,955	48,000	35,000	(13,000)	26	45	20,745	10,158	27,229	24,796
12/1/2023		3,026		29,985	29,400	30,000	600		16		3,010		26,975
Total	$468,273	$560,553	$397,877	$445,308	$631,058	$709,670	$78,611	$203,781	$264,361	$264,492	$296,192	$133,385	$149,117
Total (ex FY2024)	$468,273	$557,527	$397,877	$415,324	$601,658	$679,670	$78,011	$203,781	$264,346	$264,492	$293,182	$133,385	$122,142

Comparison of Projected Ultimate Losses ($000s)
Loss & ALAE (Excludes Claims Handling Expenses)

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/23 (2)	Limited Reported Incurred Losses 11/30/24 (3)	Estimated Outstanding Losses 11/30/23 (6) - (9) (4)	Estimated Outstanding Losses 11/30/24 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/23 (6)	Projected Ultimate Limited Losses 11/30/24 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/23 (9)	Limited Paid Losses 11/30/24 (10)	Limited Case Reserves 11/30/23 (2) - (9) (11)	Limited Case Reserves 11/30/24 (3) - (10) (12)	Estimated IBNR 11/30/23 (4)-(11) (13)	Estimated IBNR 11/30/24 (5)-(12) (14)
Prior	$96,114	$96,114	$1	$1	$96,114	$96,114	$0	$96,113	$96,113	$0	$0	$0	$0
12/1/2001	12,154	12,154	0	0	12,154	12,154	0	12,154	12,154	0	0	0	0
12/1/2002	5,220	5,220	0	0	5,220	5,220	0	5,220	5,220	0	0	0	0
12/1/2003	16,952	16,952	0	0	16,952	16,952	0	16,952	16,952	0	0	0	0
12/1/2004	11,024	11,024	136	136	11,060	11,060	0	10,924	10,924	100	100	36	36
12/1/2005	4,024	4,024	0	0	4,024	4,024	0	4,024	4,024	0	0	0	0
12/1/2006	10,593	10,593	3,709	3,709	10,680	10,680	0	6,971	6,971	3,622	3,622	87	87
12/1/2007	1,288	1,288	0	0	1,288	1,288	0	1,288	1,288	0	0	0	0
12/1/2008	5,056	5,056	0	0	5,056	5,056	0	5,056	5,056	0	0	0	0
12/1/2009	1,812	1,712	188	0	1,900	1,712	(188)	1,712	1,712	100	0	88	0
12/1/2010	8,063	7,610	641	61	8,200	7,620	(580)	7,559	7,559	505	51	137	10
12/1/2011	2,787	2,787	264	64	3,000	2,800	(200)	2,736	2,736	51	51	213	13
12/1/2012	5,939	5,339	4,936	4,196	6,200	5,460	(740)	1,264	1,264	4,675	4,075	261	121
12/1/2013	6,179	5,029	5,548	4,258	6,500	5,210	(1,290)	952	952	5,227	4,077	321	181
12/1/2014	17,329	16,999	1,681	781	18,000	17,100	(900)	16,319	16,319	1,010	680	671	101
12/1/2015	10,132	4,607	9,208	2,908	11,300	5,000	(6,300)	2,092	2,092	8,040	2,516	1,168	393
12/1/2016	6,959	5,853	8,055	5,921	8,600	6,600	(2,000)	545	679	6,414	5,174	1,641	747
12/1/2017	12,110	7,273	7,681	1,457	14,100	8,000	(6,100)	6,419	6,543	5,691	730	1,990	727
12/1/2018	3,306	5,696	5,063	5,193	6,600	6,800	200	1,537	1,607	1,769	4,089	3,294	1,104
12/1/2019	6,566	1,424	10,160	3,031	10,500	3,400	(7,100)	340	369	6,226	1,055	3,934	1,976
12/1/2020	1,258	2,035	7,796	5,179	8,300	5,900	(2,400)	504	721	754	1,314	7,042	3,865
12/1/2021	11,295	2,002	23,150	6,901	24,000	7,800	(16,200)	850	899	10,445	1,104	12,705	5,798
12/1/2022	1,288	11,365	15,761	21,848	15,900	22,100	6,200	139	252	1,149	11,114	14,612	10,735
12/1/2023		35		14,400	16,400	14,400	(2,000)		0		35		14,365
Total	$257,447	$242,192	$103,978	$80,043	$322,048	$282,449	($39,598)	$201,670	$202,406	$55,777	$39,786	$48,200	$40,257
Total (ex FY2024)	$257,447	$242,157	$103,978	$65,643	$305,648	$268,049	($37,598)	$201,670	$202,406	$55,777	$39,751	$48,200	$25,892

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Payroll (in 00s)	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	7,414	13	56,210,778	52,542,699	3,668,079	293,222	3,961,301	56,504,000	
1-Dec-01	4,348,459	9,500,000	490	-	1,187,430	1,187,430	-	-	-	1,187,430	0.27
1-Dec-02	4,411,415	9,500,000	514	1	3,265,178	3,058,255	206,923	3,822	210,745	3,269,000	0.74
1-Dec-03	4,536,443	Various	593	1	1,962,384	1,882,151	80,233	4,616	84,849	1,967,000	0.43
1-Dec-04	4,587,757	Unlimited	518	-	2,666,956	2,666,956	-	-	-	2,666,956	0.58
1-Dec-05	4,646,188	Unlimited	510	-	1,739,346	1,739,346	-	-	-	1,739,346	0.37
1-Dec-06	4,480,513	Unlimited	318	-	2,086,988	2,086,988	-	-	-	2,086,988	0.47
1-Dec-07	4,456,640	Unlimited	274	-	1,930,882	1,930,882	-	-	-	1,930,882	0.43
1-Dec-08	5,016,244	Unlimited	280	4	2,138,613	2,083,201	55,412	17,387	72,799	2,156,000	0.43
1-Dec-09	5,265,352	Unlimited	214	6	2,827,991	2,358,918	469,073	66,009	535,082	2,894,000	0.55
1-Dec-10	4,890,532	Unlimited	202	4	2,002,194	1,959,556	42,638	20,806	63,444	2,023,000	0.41
1-Dec-11	5,150,838	Unlimited	169	3	2,317,030	2,275,472	41,558	25,970	67,528	2,343,000	0.45
1-Dec-12	4,827,828	Unlimited	143	4	3,800,430	3,405,270	395,160	65,570	460,730	3,866,000	0.80
1-Dec-13	4,827,828	Unlimited	158	4	3,123,851	2,651,497	472,354	57,149	529,503	3,181,000	0.66
1-Dec-14	4,684,830	Unlimited	158	3	1,724,447	1,649,408	75,039	55,553	130,592	1,780,000	0.38
1-Dec-15	4,970,309	Unlimited	176	3	2,487,923	2,368,172	119,751	82,077	201,828	2,570,000	0.52
1-Dec-16	5,291,126	Unlimited	167	10	2,868,351	2,350,688	517,663	121,649	639,312	2,990,000	0.57
1-Dec-17	5,390,504	Unlimited	180	5	2,057,957	1,927,585	130,371	192,044	322,415	2,250,000	0.42
1-Dec-18	5,802,830	Unlimited	159	17	4,175,237	2,358,320	1,816,917	294,763	2,111,680	4,470,000	0.77
1-Dec-19	5,241,633	Unlimited	223	20	2,503,258	1,824,682	678,575	396,742	1,075,318	2,900,000	0.55
1-Dec-20	5,918,294	Unlimited	171	21	3,537,883	1,624,681	1,913,202	762,117	2,675,319	4,300,000	0.73
1-Dec-21	6,312,408	Unlimited	174	25	3,305,481	1,862,370	1,443,111	994,519	2,437,630	4,300,000	0.68
1-Dec-22	5,897,102	Unlimited	136	17	1,782,226	824,652	957,574	1,417,774	2,375,348	3,200,000	0.54
1-Dec-23	7,188,384	Unlimited	125	63	3,346,390	479,282	2,867,108	2,823,610	5,690,718	6,170,000	0.86
Total	118,143,460		13,466	224	115,049,205	99,098,463	15,950,742	7,695,398	23,646,139	122,744,603	0.56
Full Policy Period Projections											
1-Dec-24	7,515,922	Unlimited								5,000,000	0.67
1-Dec-25	7,741,400	Unlimited								5,300,000	0.68

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 56,305,743	$ 53,104,185	$ 56,906,933	N/A	N/A	N/A	N/A	$ 56,305,743	$ 56,504,000
1-Dec-01	$ 1,189,611	$ 1,201,529	$ 1,187,430	$ 1,191,215	$ 1,211,661	$ 1,191,063	$ 1,210,143	$ 1,189,611	$ 1,187,430
1-Dec-02	$ 3,271,695	$ 3,097,602	$ 3,303,663	$ 3,269,412	$ 3,085,253	$ 3,269,451	$ 3,084,810	$ 3,271,695	$ 3,269,000
1-Dec-03	$ 1,966,687	$ 1,908,361	$ 1,977,587	$ 1,967,250	$ 1,912,694	$ 1,967,183	$ 1,911,601	$ 1,966,687	$ 1,967,000
1-Dec-04	$ 2,675,477	$ 2,706,799	$ 2,666,956	$ 2,674,205	$ 2,700,460	$ 2,674,045	$ 2,699,097	$ 2,675,477	$ 2,666,956
1-Dec-05	$ 1,746,648	$ 1,767,097	$ 1,739,346	$ 1,749,123	$ 1,776,073	$ 1,748,636	$ 1,773,552	$ 1,746,648	$ 1,739,346
1-Dec-06	$ 2,097,845	$ 2,124,525	$ 2,086,988	$ 2,098,830	$ 2,127,416	$ 2,098,167	$ 2,124,275	$ 2,097,845	$ 2,086,988
1-Dec-07	$ 1,942,867	$ 1,971,508	$ 1,930,882	$ 1,945,162	$ 1,978,581	$ 1,944,311	$ 1,974,428	$ 1,942,867	$ 1,930,882
1-Dec-08	$ 2,154,041	$ 2,133,413	$ 2,162,851	$ 2,157,499	$ 2,145,263	$ 2,156,473	$ 2,139,619	$ 2,154,041	$ 2,156,000
1-Dec-09	$ 2,851,240	$ 2,425,439	$ 3,026,447	$ 2,850,482	$ 2,434,568	$ 2,849,652	$ 2,428,118	$ 2,851,240	$ 2,894,000
1-Dec-10	$ 2,022,691	$ 2,022,873	$ 2,022,606	$ 2,027,015	$ 2,036,223	$ 2,026,366	$ 2,030,400	$ 2,022,691	$ 2,023,000
1-Dec-11	$ 2,345,432	$ 2,358,394	$ 2,338,862	$ 2,348,884	$ 2,367,963	$ 2,348,828	$ 2,362,663	$ 2,345,432	$ 2,343,000
1-Dec-12	$ 3,860,461	$ 3,550,184	$ 4,043,613	$ 3,839,466	$ 3,507,739	$ 3,840,784	$ 3,504,351	$ 3,860,461	$ 3,866,000
1-Dec-13	$ 3,188,601	$ 2,814,475	$ 3,378,953	$ 3,175,950	$ 2,800,065	$ 3,177,371	$ 2,793,037	$ 3,188,601	$ 3,181,000
1-Dec-14	$ 1,770,751	$ 1,783,254	$ 1,764,568	$ 1,790,785	$ 1,839,817	$ 1,790,888	$ 1,825,384	$ 1,770,751	$ 1,780,000
1-Dec-15	$ 2,570,056	$ 2,611,552	$ 2,550,418	$ 2,575,804	$ 2,624,445	$ 2,575,784	$ 2,601,967	$ 2,570,056	$ 2,570,000
1-Dec-16	$ 3,013,415	$ 2,708,922	$ 3,164,654	$ 3,011,862	$ 2,744,924	$ 3,012,396	$ 2,703,773	$ 3,013,415	$ 2,990,000
1-Dec-17	$ 2,205,276	$ 2,332,407	$ 2,139,533	$ 2,265,268	$ 2,466,210	$ 2,266,783	$ 2,399,164	$ 2,205,276	$ 2,250,000
1-Dec-18	$ 4,563,605	$ 3,009,006	$ 5,354,248	$ 4,465,141	$ 3,094,981	$ 4,476,814	$ 2,995,297	$ 4,559,046	$ 4,470,000
1-Dec-19	$ 2,889,410	$ 2,549,303	$ 3,105,437	$ 2,923,223	$ 2,717,893	$ 2,942,365	$ 2,583,495	$ 2,883,640	$ 2,900,000
1-Dec-20	$ 4,373,680	$ 2,596,738	$ 5,533,114	$ 4,232,844	$ 2,986,032	$ 4,277,552	$ 2,760,441	$ 4,382,261	$ 4,300,000
1-Dec-21	$ 4,525,436	$ 3,668,787	$ 5,051,598	$ 4,390,523	$ 3,844,166	$ 4,468,422	$ 3,502,539	$ 4,522,232	$ 4,300,000
1-Dec-22	$ 2,804,463	$ 2,215,756	$ 3,107,758	$ 3,175,320	$ 3,224,127	$ 3,279,982	$ 2,764,081	$ 2,802,286	$ 3,200,000
1-Dec-23	$ 8,288,414	$ 2,897,510	$ 10,519,316	$ 6,171,618	$ 4,433,789	$ 6,516,029	$ 3,645,098	$ 8,084,266	$ 6,170,000
Total	$ 124,623,543	$ 109,559,618	$ 131,063,762	$ 66,296,881	$ 60,060,341	$ 66,899,347	$ 57,817,332	$ 124,412,265	$ 122,744,603

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 56,504,000	$ 56,210,778	$ 52,542,699	$ 3,668,079	$ 293,222	$ 3,961,301	$ 3,471,126
1-Dec-01	276	$ 9,500,000	$ 1,187,430	$ 1,187,430	$ 1,187,430	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 3,269,000	$ 3,265,178	$ 3,058,255	$ 206,923	$ 3,822	$ 210,745	$ 175,725
1-Dec-03	252	Various	$ 1,967,000	$ 1,962,384	$ 1,882,151	$ 80,233	$ 4,616	$ 84,849	$ 68,957
1-Dec-04	240	Unlimited	$ 2,666,956	$ 2,666,956	$ 2,666,956	$ -	$ -	$ -	$ -
1-Dec-05	228	Unlimited	$ 1,739,346	$ 1,739,346	$ 1,739,346	$ -	$ -	$ -	$ -
1-Dec-06	216	Unlimited	$ 2,086,988	$ 2,086,988	$ 2,086,988	$ -	$ -	$ -	$ -
1-Dec-07	204	Unlimited	$ 1,930,882	$ 1,930,882	$ 1,930,882	$ -	$ -	$ -	$ -
1-Dec-08	192	Unlimited	$ 2,156,000	$ 2,138,613	$ 2,083,201	$ 55,412	$ 17,387	$ 72,799	$ 56,364
1-Dec-09	180	Unlimited	$ 2,894,000	$ 2,827,991	$ 2,358,918	$ 469,073	$ 66,009	$ 535,082	$ 415,913
1-Dec-10	168	Unlimited	$ 2,023,000	$ 2,002,194	$ 1,959,556	$ 42,638	$ 20,806	$ 63,444	$ 49,206
1-Dec-11	156	Unlimited	$ 2,343,000	$ 2,317,030	$ 2,275,472	$ 41,558	$ 25,970	$ 67,528	$ 52,053
1-Dec-12	144	Unlimited	$ 3,866,000	$ 3,800,430	$ 3,405,270	$ 395,160	$ 65,570	$ 460,730	$ 356,468
1-Dec-13	132	Unlimited	$ 3,181,000	$ 3,123,851	$ 2,651,497	$ 472,354	$ 57,149	$ 529,503	$ 430,560
1-Dec-14	120	Unlimited	$ 1,780,000	$ 1,724,447	$ 1,649,408	$ 75,039	$ 55,553	$ 130,592	$ 107,946
1-Dec-15	108	Unlimited	$ 2,570,000	$ 2,487,923	$ 2,368,172	$ 119,751	$ 82,077	$ 201,828	$ 167,567
1-Dec-16	96	Unlimited	$ 2,990,000	$ 2,868,351	$ 2,350,688	$ 517,663	$ 121,649	$ 639,312	$ 544,347
1-Dec-17	84	Unlimited	$ 2,250,000	$ 2,057,957	$ 1,927,585	$ 130,371	$ 192,044	$ 322,415	$ 276,160
1-Dec-18	72	Unlimited	$ 4,470,000	$ 4,175,237	$ 2,358,320	$ 1,816,917	$ 294,763	$ 2,111,680	$ 1,803,061
1-Dec-19	60	Unlimited	$ 2,900,000	$ 2,503,258	$ 1,824,682	$ 678,575	$ 396,742	$ 1,075,318	$ 923,130
1-Dec-20	48	Unlimited	$ 4,300,000	$ 3,537,883	$ 1,624,681	$ 1,913,202	$ 762,117	$ 2,675,319	$ 2,306,324
1-Dec-21	36	Unlimited	$ 4,300,000	$ 3,305,481	$ 1,862,370	$ 1,443,111	$ 994,519	$ 2,437,630	$ 2,107,473
1-Dec-22	24	Unlimited	$ 3,200,000	$ 1,782,226	$ 824,652	$ 957,574	$ 1,417,774	$ 2,375,348	$ 2,049,410
1-Dec-23	12	Unlimited	$ 6,170,000	$ 3,346,390	$ 479,282	$ 2,867,108	$ 2,823,610	$ 5,690,718	$ 4,929,801
Total			$ 122,744,603	$ 115,049,205	$ 99,098,463	$ 15,950,742	$ 7,695,398	$ 23,646,139	$ 20,291,592

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 56,210,778	1.002	$ 56,305,743	$ 52,542,699	1.011	$ 53,104,185	$ 3,668,079	1.190	$ 56,906,933
1-Dec-01	276	$ 1,187,430	1.002	$ 1,189,611	$ 1,187,430	1.012	$ 1,201,529	$ -	1.185	$ 1,187,430
1-Dec-02	264	$ 3,265,178	1.002	$ 3,271,695	$ 3,058,255	1.013	$ 3,097,602	$ 206,923	1.186	$ 3,303,663
1-Dec-03	252	$ 1,962,384	1.002	$ 1,966,687	$ 1,882,151	1.014	$ 1,908,361	$ 80,233	1.189	$ 1,977,587
1-Dec-04	240	$ 2,666,956	1.003	$ 2,675,477	$ 2,666,956	1.015	$ 2,706,799	$ -	1.276	$ 2,666,956
1-Dec-05	228	$ 1,739,346	1.004	$ 1,746,648	$ 1,739,346	1.016	$ 1,767,097	$ -	1.363	$ 1,739,346
1-Dec-06	216	$ 2,086,988	1.005	$ 2,097,845	$ 2,086,988	1.018	$ 2,124,525	$ -	1.414	$ 2,086,988
1-Dec-07	204	$ 1,930,882	1.006	$ 1,942,867	$ 1,930,882	1.021	$ 1,971,508	$ -	1.427	$ 1,930,882
1-Dec-08	192	$ 2,138,613	1.007	$ 2,154,041	$ 2,083,201	1.024	$ 2,133,413	$ 55,412	1.437	$ 2,162,851
1-Dec-09	180	$ 2,827,991	1.008	$ 2,851,240	$ 2,358,918	1.028	$ 2,425,439	$ 469,073	1.423	$ 3,026,447
1-Dec-10	168	$ 2,002,194	1.010	$ 2,022,691	$ 1,959,556	1.032	$ 2,022,873	$ 42,638	1.479	$ 2,022,606
1-Dec-11	156	$ 2,317,030	1.012	$ 2,345,432	$ 2,275,472	1.036	$ 2,358,394	$ 41,558	1.525	$ 2,338,862
1-Dec-12	144	$ 3,800,430	1.016	$ 3,860,461	$ 3,405,270	1.043	$ 3,550,184	$ 395,160	1.615	$ 4,043,613
1-Dec-13	132	$ 3,123,851	1.021	$ 3,188,601	$ 2,651,497	1.061	$ 2,814,475	$ 472,354	1.540	$ 3,378,953
1-Dec-14	120	$ 1,724,447	1.027	$ 1,770,751	$ 1,649,408	1.081	$ 1,783,254	$ 75,039	1.535	$ 1,764,568
1-Dec-15	108	$ 2,487,923	1.033	$ 2,570,056	$ 2,368,172	1.103	$ 2,611,552	$ 119,751	1.522	$ 2,550,418
1-Dec-16	96	$ 2,868,351	1.051	$ 3,013,415	$ 2,350,688	1.152	$ 2,708,922	$ 517,663	1.572	$ 3,164,654
1-Dec-17	84	$ 2,057,957	1.072	$ 2,205,276	$ 1,927,585	1.210	$ 2,332,407	$ 130,371	1.626	$ 2,139,533
1-Dec-18	72	$ 4,175,237	1.093	$ 4,563,605	$ 2,358,320	1.276	$ 3,009,006	$ 1,816,917	1.649	$ 5,354,248
1-Dec-19	60	$ 2,503,258	1.154	$ 2,889,410	$ 1,824,682	1.397	$ 2,549,303	$ 678,575	1.887	$ 3,105,437
1-Dec-20	48	$ 3,537,883	1.236	$ 4,373,680	$ 1,624,681	1.598	$ 2,596,738	$ 1,913,202	2.043	$ 5,533,114
1-Dec-21	36	$ 3,305,481	1.369	$ 4,525,436	$ 1,862,370	1.970	$ 3,668,787	$ 1,443,111	2.210	$ 5,051,598
1-Dec-22	24	$ 1,782,226	1.574	$ 2,804,463	$ 824,652	2.687	$ 2,215,756	$ 957,574	2.384	$ 3,107,758
1-Dec-23	12	$ 3,346,390	2.477	$ 8,288,414	$ 479,282	6.046	$ 2,897,510	$ 2,867,108	3.502	$ 10,519,316
Total		$ 115,049,205		$ 124,623,543	$ 99,098,463		$ 109,559,618	$ 15,950,742		$ 131,063,762

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Payroll (in 00s)	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 1,187,430	2.652	1.000	$ 3,150,381	8,311,599	1.002	0.63	$ 1,981,729	$ 1,191,063
1-Dec-02	264	$ 3,265,178	2.538	1.000	$ 8,289,829	8,186,343	1.002	0.67	$ 2,145,298	$ 3,269,451
1-Dec-03	252	$ 1,962,384	2.429	1.000	$ 4,765,742	8,193,322	1.002	0.65	$ 2,193,489	$ 1,967,183
1-Dec-04	240	$ 2,666,956	2.324	1.000	$ 6,197,921	8,024,869	1.003	0.64	$ 2,225,828	$ 2,674,045
1-Dec-05	228	$ 1,739,346	2.224	1.000	$ 3,868,120	7,890,365	1.004	0.63	$ 2,222,225	$ 1,748,636
1-Dec-06	216	$ 2,086,988	2.128	1.000	$ 4,441,376	7,387,386	1.005	0.62	$ 2,159,989	$ 2,098,167
1-Dec-07	204	$ 1,930,882	2.036	1.000	$ 3,932,212	7,151,599	1.006	0.62	$ 2,176,934	$ 1,944,311
1-Dec-08	192	$ 2,138,613	1.949	1.000	$ 4,167,708	7,795,918	1.007	0.62	$ 2,493,745	$ 2,156,473
1-Dec-09	180	$ 2,827,991	1.899	1.000	$ 5,369,120	7,944,723	1.008	0.63	$ 2,656,491	$ 2,849,652
1-Dec-10	168	$ 2,002,194	1.928	1.000	$ 3,860,232	7,164,242	1.010	0.64	$ 2,385,345	$ 2,026,366
1-Dec-11	156	$ 2,317,030	1.840	1.000	$ 4,263,806	7,343,863	1.012	0.66	$ 2,625,894	$ 2,348,828
1-Dec-12	144	$ 3,800,430	1.750	1.000	$ 6,652,448	6,666,401	1.016	0.68	$ 2,595,067	$ 3,840,784
1-Dec-13	132	$ 3,123,851	1.663	1.000	$ 5,194,465	6,472,234	1.021	0.68	$ 2,635,593	$ 3,177,371
1-Dec-14	120	$ 1,724,447	1.584	1.000	$ 2,732,144	6,097,603	1.027	0.66	$ 2,540,817	$ 1,790,888
1-Dec-15	108	$ 2,487,923	1.509	1.000	$ 3,754,817	6,296,239	1.033	0.66	$ 2,749,297	$ 2,575,784
1-Dec-16	96	$ 2,868,351	1.435	1.000	$ 4,116,935	6,491,408	1.051	0.66	$ 2,992,242	$ 3,012,396
1-Dec-17	84	$ 2,057,957	1.364	1.000	$ 2,806,604	6,420,709	1.072	0.66	$ 3,126,005	$ 2,266,783
1-Dec-18	72	$ 4,175,237	1.298	1.000	$ 5,421,344	6,710,521	1.093	0.69	$ 3,543,750	$ 4,476,814
1-Dec-19	60	$ 2,503,258	1.237	1.000	$ 3,097,743	5,899,504	1.154	0.69	$ 3,285,654	$ 2,942,365
1-Dec-20	48	$ 3,537,883	1.169	1.000	$ 4,136,796	6,451,170	1.236	0.70	$ 3,870,648	$ 4,277,552
1-Dec-21	36	$ 3,305,481	1.094	1.000	$ 3,616,261	6,680,359	1.369	0.71	$ 4,313,944	$ 4,468,422
1-Dec-22	24	$ 1,782,226	1.045	1.000	$ 1,862,426	6,059,072	1.574	0.71	$ 4,109,030	$ 3,279,982
1-Dec-23	12	$ 3,346,390	1.000	1.000	$ 3,346,390	7,188,384	2.477	0.74	$ 5,315,895	$ 6,516,029
Total		$ 58,838,427			$ 99,044,820	162,827,832			$ 66,344,908	$ 66,899,347

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - Health Care Facilities (Indemnity))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Payroll (in 00s)	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 1,187,430	2.652	1.000	$ 3,150,381	8,311,599	1.012	0.62	$ 1,935,615	$ 1,210,143
1-Dec-02	264	$ 3,058,255	2.538	1.000	$ 7,764,481	8,186,343	1.013	0.65	$ 2,090,523	$ 3,084,810
1-Dec-03	252	$ 1,882,151	2.429	1.000	$ 4,570,891	8,193,322	1.014	0.64	$ 2,144,274	$ 1,911,601
1-Dec-04	240	$ 2,666,956	2.324	1.000	$ 6,197,921	8,024,869	1.015	0.63	$ 2,183,523	$ 2,699,097
1-Dec-05	228	$ 1,739,346	2.224	1.000	$ 3,868,120	7,890,365	1.016	0.61	$ 2,178,200	$ 1,773,552
1-Dec-06	216	$ 2,086,988	2.128	1.000	$ 4,441,376	7,387,386	1.018	0.61	$ 2,110,349	$ 2,124,275
1-Dec-07	204	$ 1,930,882	2.036	1.000	$ 3,932,212	7,151,599	1.021	0.60	$ 2,113,237	$ 1,974,428
1-Dec-08	192	$ 2,083,201	1.949	1.000	$ 4,059,721	7,795,918	1.024	0.60	$ 2,397,093	$ 2,139,619
1-Dec-09	180	$ 2,358,918	1.899	1.000	$ 4,478,556	7,944,723	1.028	0.60	$ 2,523,123	$ 2,428,118
1-Dec-10	168	$ 1,959,556	1.928	1.000	$ 3,778,025	7,164,242	1.032	0.61	$ 2,263,318	$ 2,030,400
1-Dec-11	156	$ 2,275,472	1.840	1.000	$ 4,187,330	7,343,863	1.036	0.62	$ 2,479,815	$ 2,362,663
1-Dec-12	144	$ 3,405,270	1.750	1.000	$ 5,960,741	6,666,401	1.043	0.64	$ 2,427,341	$ 3,504,351
1-Dec-13	132	$ 2,651,497	1.663	1.000	$ 4,409,016	6,472,234	1.061	0.63	$ 2,444,258	$ 2,793,037
1-Dec-14	120	$ 1,649,408	1.584	1.000	$ 2,613,255	6,097,603	1.081	0.61	$ 2,344,557	$ 1,825,384
1-Dec-15	108	$ 2,368,172	1.509	1.000	$ 3,574,087	6,296,239	1.103	0.60	$ 2,508,704	$ 2,601,967
1-Dec-16	96	$ 2,350,688	1.435	1.000	$ 3,373,935	6,491,408	1.152	0.59	$ 2,669,986	$ 2,703,773
1-Dec-17	84	$ 1,927,585	1.364	1.000	$ 2,628,807	6,420,709	1.210	0.58	$ 2,717,034	$ 2,399,164
1-Dec-18	72	$ 2,358,320	1.298	1.000	$ 3,062,165	6,710,521	1.276	0.57	$ 2,945,610	$ 2,995,297
1-Dec-19	60	$ 1,824,682	1.237	1.000	$ 2,258,016	5,899,504	1.397	0.56	$ 2,669,593	$ 2,583,495
1-Dec-20	48	$ 1,624,681	1.169	1.000	$ 1,899,716	6,451,170	1.598	0.55	$ 3,034,052	$ 2,760,441
1-Dec-21	36	$ 1,862,370	1.094	1.000	$ 2,037,469	6,680,359	1.970	0.55	$ 3,331,141	$ 3,502,539
1-Dec-22	24	$ 824,652	1.045	1.000	$ 861,762	6,059,072	2.687	0.53	$ 3,089,131	$ 2,764,081
1-Dec-23	12	$ 479,282	1.000	1.000	$ 479,282	7,188,384	6.046	0.53	$ 3,793,267	$ 3,645,098
Total		$ 46,555,764			$ 83,587,265	162,827,832			$ 58,393,742	$ 57,817,332

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - Health Care Facilities (Indemnity))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	7,414	1.000	7,414	1.002	$ 7,582	$ 7,595	0	$ 7,032	$ 56,305,743
1-Dec-01	276	490	1.000	490	1.002	$ 2,423	$ 2,428	0	$ 7,004	$ 1,189,611
1-Dec-02	264	514	1.000	514	1.002	$ 6,352	$ 6,365	0	$ 7,035	$ 3,271,695
1-Dec-03	252	593	1.000	593	1.002	$ 3,309	$ 3,317	0	$ 6,992	$ 1,966,687
1-Dec-04	240	518	1.000	518	1.003	$ 5,149	$ 5,165	0	$ 7,082	$ 2,675,477
1-Dec-05	228	510	1.000	510	1.004	$ 3,410	$ 3,425	0	$ 7,235	$ 1,746,648
1-Dec-06	216	318	1.000	318	1.005	$ 6,563	$ 6,597	0	$ 7,664	$ 2,097,845
1-Dec-07	204	274	1.000	274	1.006	$ 7,047	$ 7,091	0	$ 8,225	$ 1,942,867
1-Dec-08	192	280	1.000	280	1.007	$ 7,638	$ 7,693	0	$ 8,969	$ 2,154,041
1-Dec-09	180	214	1.000	214	1.008	$ 13,215	$ 13,324	0	$ 9,810	$ 2,851,240
1-Dec-10	168	202	1.000	202	1.010	$ 9,912	$ 10,013	0	$ 10,226	$ 2,022,691
1-Dec-11	156	169	1.000	169	1.012	$ 13,710	$ 13,878	0	$ 11,492	$ 2,345,432
1-Dec-12	144	143	1.000	143	1.016	$ 26,576	$ 26,996	0	$ 12,959	$ 3,860,461
1-Dec-13	132	158	1.000	158	1.021	$ 19,771	$ 20,181	0	$ 13,923	$ 3,188,601
1-Dec-14	120	158	1.000	158	1.027	$ 10,914	$ 11,207	0	$ 14,516	$ 1,770,751
1-Dec-15	108	176	1.000	176	1.033	$ 14,136	$ 14,603	0	$ 15,371	$ 2,570,056
1-Dec-16	96	167	1.000	167	1.051	$ 17,176	$ 18,044	0	$ 16,388	$ 3,013,415
1-Dec-17	84	180	1.000	180	1.072	$ 11,433	$ 12,252	0	$ 17,370	$ 2,205,276
1-Dec-18	72	159	1.001	159	1.092	$ 26,259	$ 28,673	0	$ 18,899	$ 4,559,046
1-Dec-19	60	223	1.002	223	1.152	$ 11,225	$ 12,931	0	$ 19,719	$ 2,883,640
1-Dec-20	48	171	1.003	172	1.233	$ 20,689	$ 25,500	1	$ 21,675	$ 4,382,261
1-Dec-21	36	174	1.006	175	1.361	$ 18,997	$ 25,853	1	$ 23,840	$ 4,522,232
1-Dec-22	24	136	1.010	137	1.558	$ 13,105	$ 20,416	1	$ 25,690	$ 2,802,286
1-Dec-23	12	125	1.044	130	2.373	$ 26,771	$ 63,530	5	$ 28,606	$ 8,084,266
Total		13,466		13,474				8		$ 124,412,265

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 1,187,430	1.002	0.48	1.000	0.47	$ 2,064,992	0.002	$ 3,785	$ 1,191,215
1-Dec-02	$ 9,500,000	$ 3,265,178	1.002	0.48	1.000	0.48	$ 2,125,396	0.002	$ 4,234	$ 3,269,412
1-Dec-03	Various	$ 1,962,384	1.002	0.49	1.000	0.49	$ 2,223,834	0.002	$ 4,865	$ 1,967,250
1-Dec-04	Unlimited	$ 2,666,956	1.003	0.50	1.000	0.50	$ 2,276,127	0.003	$ 7,249	$ 2,674,205
1-Dec-05	Unlimited	$ 1,739,346	1.004	0.50	1.000	0.50	$ 2,338,687	0.004	$ 9,777	$ 1,749,123
1-Dec-06	Unlimited	$ 2,086,988	1.005	0.51	1.000	0.51	$ 2,288,137	0.005	$ 11,842	$ 2,098,830
1-Dec-07	Unlimited	$ 1,930,882	1.006	0.52	1.000	0.52	$ 2,314,785	0.006	$ 14,280	$ 1,945,162
1-Dec-08	Unlimited	$ 2,138,613	1.007	0.53	1.000	0.53	$ 2,636,884	0.007	$ 18,885	$ 2,157,499
1-Dec-09	Unlimited	$ 2,827,991	1.008	0.52	1.000	0.52	$ 2,758,306	0.008	$ 22,491	$ 2,850,482
1-Dec-10	Unlimited	$ 2,002,194	1.010	0.50	1.000	0.50	$ 2,449,356	0.010	$ 24,821	$ 2,027,015
1-Dec-11	Unlimited	$ 2,317,030	1.012	0.51	1.000	0.51	$ 2,630,557	0.012	$ 31,854	$ 2,348,884
1-Dec-12	Unlimited	$ 3,800,430	1.016	0.52	1.000	0.52	$ 2,510,334	0.016	$ 39,036	$ 3,839,466
1-Dec-13	Unlimited	$ 3,123,851	1.021	0.53	1.000	0.53	$ 2,565,621	0.020	$ 52,099	$ 3,175,950
1-Dec-14	Unlimited	$ 1,724,447	1.027	0.54	1.000	0.54	$ 2,536,846	0.026	$ 66,338	$ 1,790,785
1-Dec-15	Unlimited	$ 2,487,923	1.033	0.55	1.000	0.55	$ 2,749,907	0.032	$ 87,881	$ 2,575,804
1-Dec-16	Unlimited	$ 2,868,351	1.051	0.56	1.000	0.56	$ 2,981,165	0.048	$ 143,511	$ 3,011,862
1-Dec-17	Unlimited	$ 2,057,957	1.072	0.58	1.000	0.58	$ 3,103,321	0.067	$ 207,312	$ 2,265,268
1-Dec-18	Unlimited	$ 4,175,237	1.093	0.59	1.000	0.59	$ 3,406,585	0.085	$ 289,904	$ 4,465,141
1-Dec-19	Unlimited	$ 2,503,258	1.154	0.60	1.000	0.60	$ 3,142,422	0.134	$ 419,966	$ 2,923,223
1-Dec-20	Unlimited	$ 3,537,883	1.236	0.61	1.000	0.61	$ 3,636,693	0.191	$ 694,961	$ 4,232,844
1-Dec-21	Unlimited	$ 3,305,481	1.369	0.64	1.000	0.64	$ 4,024,977	0.270	$ 1,085,043	$ 4,390,523
1-Dec-22	Unlimited	$ 1,782,226	1.574	0.65	1.000	0.65	$ 3,821,894	0.365	$ 1,393,094	$ 3,175,320
1-Dec-23	Unlimited	$ 3,346,390	2.477	0.66	1.000	0.66	$ 4,738,273	0.596	$ 2,825,228	$ 6,171,618
Total		$ 58,838,427					$ 65,325,099		$ 7,458,454	$ 66,296,881

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 1,187,430	1.012	0.48	1.000	0.47	$ 2,064,992	0.012	$ 24,231	$ 1,211,661
1-Dec-02	$ 9,500,000	$ 3,058,255	1.013	0.48	1.000	0.48	$ 2,125,396	0.013	$ 26,998	$ 3,085,253
1-Dec-03	Various	$ 1,882,151	1.014	0.49	1.000	0.49	$ 2,223,834	0.014	$ 30,543	$ 1,912,694
1-Dec-04	Unlimited	$ 2,666,956	1.015	0.50	1.000	0.50	$ 2,276,127	0.015	$ 33,503	$ 2,700,460
1-Dec-05	Unlimited	$ 1,739,346	1.016	0.50	1.000	0.50	$ 2,338,687	0.016	$ 36,726	$ 1,776,073
1-Dec-06	Unlimited	$ 2,086,988	1.018	0.51	1.000	0.51	$ 2,288,137	0.018	$ 40,428	$ 2,127,416
1-Dec-07	Unlimited	$ 1,930,882	1.021	0.52	1.000	0.52	$ 2,314,785	0.021	$ 47,700	$ 1,978,581
1-Dec-08	Unlimited	$ 2,083,201	1.024	0.53	1.000	0.53	$ 2,636,884	0.024	$ 62,062	$ 2,145,263
1-Dec-09	Unlimited	$ 2,358,918	1.028	0.52	1.000	0.52	$ 2,758,306	0.027	$ 75,650	$ 2,434,568
1-Dec-10	Unlimited	$ 1,959,556	1.032	0.50	1.000	0.50	$ 2,449,356	0.031	$ 76,667	$ 2,036,223
1-Dec-11	Unlimited	$ 2,275,472	1.036	0.51	1.000	0.51	$ 2,630,557	0.035	$ 92,491	$ 2,367,963
1-Dec-12	Unlimited	$ 3,405,270	1.043	0.52	1.000	0.52	$ 2,510,334	0.041	$ 102,469	$ 3,507,739
1-Dec-13	Unlimited	$ 2,651,497	1.061	0.53	1.000	0.53	$ 2,565,621	0.058	$ 148,567	$ 2,800,065
1-Dec-14	Unlimited	$ 1,649,408	1.081	0.54	1.000	0.54	$ 2,536,846	0.075	$ 190,409	$ 1,839,817
1-Dec-15	Unlimited	$ 2,368,172	1.103	0.55	1.000	0.55	$ 2,749,907	0.093	$ 256,274	$ 2,624,445
1-Dec-16	Unlimited	$ 2,350,688	1.152	0.56	1.000	0.56	$ 2,981,165	0.132	$ 394,236	$ 2,744,924
1-Dec-17	Unlimited	$ 1,927,585	1.210	0.58	1.000	0.58	$ 3,103,321	0.174	$ 538,624	$ 2,466,210
1-Dec-18	Unlimited	$ 2,358,320	1.276	0.59	1.000	0.59	$ 3,406,585	0.216	$ 736,660	$ 3,094,981
1-Dec-19	Unlimited	$ 1,824,682	1.397	0.60	1.000	0.60	$ 3,142,422	0.284	$ 893,210	$ 2,717,893
1-Dec-20	Unlimited	$ 1,624,681	1.598	0.61	1.000	0.61	$ 3,636,693	0.374	$ 1,361,351	$ 2,986,032
1-Dec-21	Unlimited	$ 1,862,370	1.970	0.64	1.000	0.64	$ 4,024,977	0.492	$ 1,981,796	$ 3,844,166
1-Dec-22	Unlimited	$ 824,652	2.687	0.65	1.000	0.65	$ 3,821,894	0.628	$ 2,399,475	$ 3,224,127
1-Dec-23	Unlimited	$ 479,282	6.046	0.66	1.000	0.66	$ 4,738,273	0.835	$ 3,954,507	$ 4,433,789
Total		$ 46,555,764					$ 65,325,099		$ 13,504,577	$ 60,060,341

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period	Incurred LDF's		Paid LDF's		Claim	Trend Factors		Payroll
Inception	Unlimited	Limited	Unlimited	Limited	CDF	Loss	Exposure	(in 00s)
Prior	1.002	1.002	1.011	1.011	1.000	2.771	1.945	-
1-Dec-01	1.002	1.002	1.012	1.012	1.000	2.652	1.911	4,348,459
1-Dec-02	1.002	1.002	1.013	1.013	1.000	2.538	1.856	4,411,415
1-Dec-03	1.002	1.002	1.014	1.014	1.000	2.429	1.806	4,536,443
1-Dec-04	1.003	1.003	1.015	1.015	1.000	2.324	1.749	4,587,757
1-Dec-05	1.004	1.004	1.016	1.016	1.000	2.224	1.698	4,646,188
1-Dec-06	1.005	1.005	1.018	1.018	1.000	2.128	1.649	4,480,513
1-Dec-07	1.006	1.006	1.021	1.021	1.000	2.036	1.605	4,456,640
1-Dec-08	1.007	1.007	1.024	1.024	1.000	1.949	1.554	5,016,244
1-Dec-09	1.008	1.008	1.028	1.028	1.000	1.899	1.509	5,265,352
1-Dec-10	1.010	1.010	1.032	1.032	1.000	1.928	1.465	4,890,532
1-Dec-11	1.012	1.012	1.036	1.036	1.000	1.840	1.426	5,150,838
1-Dec-12	1.016	1.016	1.043	1.043	1.000	1.750	1.381	4,827,828
1-Dec-13	1.021	1.021	1.061	1.061	1.000	1.663	1.341	4,827,828
1-Dec-14	1.027	1.027	1.081	1.081	1.000	1.584	1.302	4,684,830
1-Dec-15	1.033	1.033	1.103	1.103	1.000	1.509	1.267	4,970,309
1-Dec-16	1.051	1.051	1.152	1.152	1.000	1.435	1.227	5,291,126
1-Dec-17	1.072	1.072	1.210	1.210	1.000	1.364	1.191	5,390,504
1-Dec-18	1.093	1.093	1.276	1.276	1.001	1.298	1.156	5,802,830
1-Dec-19	1.154	1.154	1.397	1.397	1.002	1.237	1.126	5,241,633
1-Dec-20	1.236	1.236	1.598	1.598	1.003	1.169	1.090	5,918,294
1-Dec-21	1.369	1.369	1.970	1.970	1.006	1.094	1.058	6,312,408
1-Dec-22	1.574	1.574	2.687	2.687	1.010	1.045	1.027	5,897,102
1-Dec-23	2.477	2.477	6.046	6.046	1.044	1.000	1.000	7,188,384

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**0.67**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					
States Selected for WC :	**IL**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends, California Indicies, Benefit Level Adjustment Factors
Column (8) : Flat 3.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 56,210,778	$ 52,542,699	$ 3,668,079	Various	-	$ -	-	$ -	$ 56,210,778	$ 52,542,699	$ 3,668,079
1-Dec-01	$ 1,187,430	$ 1,187,430	$ -	$ 9,500,000	-	$ -	-	$ -	$ 1,187,430	$ 1,187,430	$ -
1-Dec-02	$ 3,265,178	$ 3,058,255	$ 206,923	$ 9,500,000	-	$ -	-	$ -	$ 3,265,178	$ 3,058,255	$ 206,923
1-Dec-03	$ 1,962,384	$ 1,882,151	$ 80,233	Various	-	$ -	-	$ -	$ 1,962,384	$ 1,882,151	$ 80,233
1-Dec-04	$ 2,666,956	$ 2,666,956	$ -	Unlimited	-	$ -	-	$ -	$ 2,666,956	$ 2,666,956	$ -
1-Dec-05	$ 1,739,346	$ 1,739,346	$ -	Unlimited	-	$ -	-	$ -	$ 1,739,346	$ 1,739,346	$ -
1-Dec-06	$ 2,086,988	$ 2,086,988	$ -	Unlimited	-	$ -	-	$ -	$ 2,086,988	$ 2,086,988	$ -
1-Dec-07	$ 1,930,882	$ 1,930,882	$ -	Unlimited	-	$ -	-	$ -	$ 1,930,882	$ 1,930,882	$ -
1-Dec-08	$ 2,138,613	$ 2,083,201	$ 55,412	Unlimited	-	$ -	-	$ -	$ 2,138,613	$ 2,083,201	$ 55,412
1-Dec-09	$ 2,827,991	$ 2,358,918	$ 469,073	Unlimited	-	$ -	-	$ -	$ 2,827,991	$ 2,358,918	$ 469,073
1-Dec-10	$ 2,002,194	$ 1,959,556	$ 42,638	Unlimited	-	$ -	-	$ -	$ 2,002,194	$ 1,959,556	$ 42,638
1-Dec-11	$ 2,317,030	$ 2,275,472	$ 41,558	Unlimited	-	$ -	-	$ -	$ 2,317,030	$ 2,275,472	$ 41,558
1-Dec-12	$ 3,800,430	$ 3,405,270	$ 395,160	Unlimited	-	$ -	-	$ -	$ 3,800,430	$ 3,405,270	$ 395,160
1-Dec-13	$ 3,123,851	$ 2,651,497	$ 472,354	Unlimited	-	$ -	-	$ -	$ 3,123,851	$ 2,651,497	$ 472,354
1-Dec-14	$ 1,724,447	$ 1,649,408	$ 75,039	Unlimited	-	$ -	-	$ -	$ 1,724,447	$ 1,649,408	$ 75,039
1-Dec-15	$ 2,487,923	$ 2,368,172	$ 119,751	Unlimited	-	$ -	-	$ -	$ 2,487,923	$ 2,368,172	$ 119,751
1-Dec-16	$ 2,868,351	$ 2,350,688	$ 517,663	Unlimited	-	$ -	-	$ -	$ 2,868,351	$ 2,350,688	$ 517,663
1-Dec-17	$ 2,057,957	$ 1,927,585	$ 130,371	Unlimited	-	$ -	-	$ -	$ 2,057,957	$ 1,927,585	$ 130,371
1-Dec-18	$ 4,175,237	$ 2,358,320	$ 1,816,917	Unlimited	-	$ -	-	$ -	$ 4,175,237	$ 2,358,320	$ 1,816,917
1-Dec-19	$ 2,503,258	$ 1,824,682	$ 678,575	Unlimited	-	$ -	-	$ -	$ 2,503,258	$ 1,824,682	$ 678,575
1-Dec-20	$ 3,537,883	$ 1,624,681	$ 1,913,202	Unlimited	-	$ -	-	$ -	$ 3,537,883	$ 1,624,681	$ 1,913,202
1-Dec-21	$ 3,305,481	$ 1,862,370	$ 1,443,111	Unlimited	-	$ -	-	$ -	$ 3,305,481	$ 1,862,370	$ 1,443,111
1-Dec-22	$ 1,782,226	$ 824,652	$ 957,574	Unlimited	-	$ -	-	$ -	$ 1,782,226	$ 824,652	$ 957,574
1-Dec-23	$ 3,346,390	$ 479,282	$ 2,867,108	Unlimited	-	$ -	-	$ -	$ 3,346,390	$ 479,282	$ 2,867,108
Total	$ 115,049,205	$ 99,098,463	$ 15,950,742		-	$ -	-	$ -	$ 115,049,205	$ 99,098,463	$ 15,950,742

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]

AON

Exhibit 11

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Payroll (in 00s)	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	8,311,599	490	1.000	490	1.000	490	0.00590%		490	490	0.00590%
1-Dec-02	8,186,343	514	1.000	514	1.000	514	0.00628%		514	514	0.00628%
1-Dec-03	8,193,322	593	1.000	593	1.000	593	0.00724%		593	593	0.00724%
1-Dec-04	8,024,869	518	1.000	518	1.000	518	0.00645%		518	518	0.00645%
1-Dec-05	7,890,365	510	1.000	510	1.000	510	0.00646%		510	510	0.00646%
1-Dec-06	7,387,386	318	1.000	318	1.000	318	0.00430%		318	318	0.00430%
1-Dec-07	7,151,599	274	1.000	274	1.000	274	0.00383%		274	274	0.00383%
1-Dec-08	7,795,918	280	1.000	280	1.000	280	0.00359%		280	280	0.00359%
1-Dec-09	7,944,723	214	1.000	214	1.000	214	0.00269%		214	214	0.00269%
1-Dec-10	7,164,242	202	1.000	202	1.000	202	0.00282%		202	202	0.00282%
1-Dec-11	7,343,863	169	1.000	169	1.000	169	0.00230%		169	169	0.00230%
1-Dec-12	6,666,401	143	1.000	143	1.000	143	0.00215%		143	143	0.00215%
1-Dec-13	6,472,234	158	1.000	158	1.000	158	0.00244%		158	158	0.00244%
1-Dec-14	6,097,603	158	1.000	158	1.000	158	0.00259%		158	158	0.00259%
1-Dec-15	6,296,239	176	1.000	176	1.000	176	0.00280%		176	176	0.00280%
1-Dec-16	6,491,408	167	1.000	167	1.000	167	0.00257%		167	167	0.00257%
1-Dec-17	6,420,709	180	1.000	180	1.000	180	0.00280%		180	180	0.00280%
1-Dec-18	6,710,521	159	1.001	159	1.000	159	0.00237%		159	159	0.00237%
1-Dec-19	5,899,504	223	1.002	223	1.000	223	0.00379%		223	223	0.00379%
1-Dec-20	6,451,170	171	1.003	172	1.000	172	0.00266%		172	172	0.00266%
1-Dec-21	6,680,359	174	1.006	175	1.000	175	0.00262%		175	175	0.00262%
1-Dec-22	6,059,072	136	1.010	137	1.000	137	0.00227%		137	137	0.00227%
1-Dec-23	7,188,384	125	1.044	130	1.000	130	0.00181%		130	130	0.00181%
Total	162,827,832	6,052		6,061		6,061	0.00372%		6,061	6,060	0.00372%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	32,278,489	838	0.00260%	838	0.00260%
Last 3 Policies	19,927,815	443	0.00222%	443	0.00222%
Last 2 Policies	13,247,457	268	0.00202%	268	0.00202%
Last 23 Policies	162,827,832	6,061	0.00372%	6,061	0.00372%

Selected Bornhuetter-Ferguson Frequency Rate	**0.00275%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	0.968
Selected Frequency Rate adjusted to the Renewal Policy Period Level	0.00266%
Payroll for 1-Dec-24	7,515,922
Projected Count for 1-Dec-24	200

AON

Exhibit 12

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)
Workers Compensation - Health Care Facilities (Indemnity) Experience @ 11/30/24
Losses Limited to Retentions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred Loss	Selected Ultimate Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Ultimate Loss	Payroll (in 00s)	Exposure Trend Factor	Trended Payroll (in 00s)	Trended Loss Rate
1-Dec-01	1,187,430	1,187,430	2.771	1.000	3,292,149	4,348,459	1.974	8,582,060	0.38
1-Dec-02	3,265,178	3,269,000	2.652	1.000	8,673,013	4,411,415	1.916	8,452,728	1.03
1-Dec-03	1,962,384	1,967,000	2.538	1.000	4,991,914	4,536,443	1.865	8,459,934	0.59
1-Dec-04	2,666,956	2,666,956	2.429	1.000	6,476,827	4,587,757	1.806	8,286,000	0.78
1-Dec-05	1,739,346	1,739,346	2.324	1.000	4,042,185	4,646,188	1.754	8,147,119	0.50
1-Dec-06	2,086,988	2,086,988	2.224	1.000	4,641,238	4,480,513	1.702	7,627,773	0.61
1-Dec-07	1,930,882	1,930,882	2.128	1.000	4,109,162	4,456,640	1.657	7,384,314	0.56
1-Dec-08	2,138,613	2,156,000	2.036	1.000	4,390,662	5,016,244	1.605	8,049,600	0.55
1-Dec-09	2,827,991	2,894,000	1.984	1.000	5,741,692	5,265,352	1.558	8,203,246	0.70
1-Dec-10	2,002,194	2,023,000	2.015	1.000	4,075,861	4,890,532	1.513	7,397,369	0.55
1-Dec-11	2,317,030	2,343,000	1.923	1.000	4,505,617	5,150,838	1.472	7,582,834	0.59
1-Dec-12	3,800,430	3,866,000	1.829	1.000	7,071,749	4,827,828	1.426	6,883,328	1.03
1-Dec-13	3,123,851	3,181,000	1.738	1.000	5,527,522	4,827,828	1.384	6,682,843	0.83
1-Dec-14	1,724,447	1,780,000	1.656	1.000	2,947,067	4,684,830	1.344	6,296,020	0.47
1-Dec-15	2,487,923	2,570,000	1.577	1.000	4,053,231	4,970,309	1.308	6,501,120	0.62
1-Dec-16	2,868,351	2,990,000	1.500	1.000	4,484,657	5,291,126	1.267	6,702,641	0.67
1-Dec-17	2,057,957	2,250,000	1.425	1.000	3,206,593	5,390,504	1.230	6,629,641	0.48
1-Dec-18	4,175,237	4,470,000	1.357	1.000	6,065,262	5,802,830	1.194	6,928,883	0.88
1-Dec-19	2,503,258	2,900,000	1.293	1.000	3,750,197	5,241,633	1.162	6,091,475	0.62
1-Dec-20	3,537,883	4,300,000	1.222	1.000	5,254,185	5,918,294	1.126	6,661,092	0.79
1-Dec-21	3,305,481	4,300,000	1.143	1.000	4,915,978	6,312,408	1.093	6,897,739	0.71
1-Dec-22	1,782,226	3,200,000	1.092	1.000	3,494,480	5,897,102	1.061	6,256,236	0.56
1-Dec-23	3,346,390	6,170,000	1.045	1.000	6,447,650	7,188,384	1.033	7,422,296	0.87
All Year Weighted Average					112,158,891			168,126,291	0.67
Latest 5-Year Weighted Average					23,862,490			33,328,838	0.72
Latest 3-Year Weighted Average					14,858,108			20,576,271	0.72
SELECTED - Based on Shaded PY					103,485,878			159,673,563	**0.67**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Workers Compensation - Health Care Facilities (Indemnity)
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Payroll (in 00s)	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	Unlimited	7,515,922	200	0.67	5,000,000
1-Dec-25	Unlimited	7,741,400	200	0.68	5,300,000
1-Dec-26	Unlimited	7,973,642	200	0.69	5,500,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Average : $9,190 sigma = 2.192
CV : 11.00 mu = 6.724

Limitation of Incurred LDF's for Workers Compensation - Health Care Facilities (Indemnity)

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.002	1.000	9,500,000	4.263	2.071	1.000	0.981	9,110	9,516,220	4.263	2.072	1.000	0.981	9,110	1.002
276	1.002	1.000	9,500,000	4.263	2.071	1.000	0.981	9,110	9,517,631	4.264	2.072	1.000	0.981	9,110	1.002
264	1.002	1.000	9,500,000	4.263	2.071	1.000	0.981	9,110	9,519,164	4.264	2.072	1.000	0.981	9,110	1.002
252	1.002	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,002,192,685	6.388	4.196	1.000	1.000	9,190	1.002
240	1.003	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,003,194,877	6.389	4.197	1.000	1.000	9,190	1.003
228	1.004	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,004,198,072	6.389	4.197	1.000	1.000	9,190	1.004
216	1.005	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,005,202,270	6.390	4.198	1.000	1.000	9,190	1.005
204	1.006	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,006,207,473	6.390	4.198	1.000	1.000	9,190	1.006
192	1.007	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,007,213,680	6.390	4.199	1.000	1.000	9,190	1.007
180	1.008	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,008,220,894	6.391	4.199	1.000	1.000	9,190	1.008
168	1.010	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,010,237,335	6.392	4.200	1.000	1.000	9,190	1.010
156	1.012	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,012,257,810	6.393	4.201	1.000	1.000	9,190	1.012
144	1.016	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,015,796,058	6.394	4.202	1.000	1.000	9,190	1.016
132	1.021	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,020,727,696	6.397	4.205	1.000	1.000	9,190	1.021
120	1.027	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,026,852,062	6.399	4.207	1.000	1.000	9,190	1.027
108	1.033	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,033,013,174	6.402	4.210	1.000	1.000	9,190	1.033
96	1.051	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,050,574,398	6.410	4.218	1.000	1.000	9,190	1.051
84	1.072	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,071,585,886	6.419	4.227	1.000	1.000	9,190	1.072
72	1.093	1.001	999,999,999	6.387	4.195	1.000	1.000	9,190	1,091,925,678	6.427	4.235	1.000	1.000	9,190	1.093
60	1.154	1.002	999,999,999	6.387	4.195	1.000	1.000	9,190	1,151,956,050	6.452	4.260	1.000	1.000	9,190	1.154
48	1.236	1.003	999,999,999	6.387	4.195	1.000	1.000	9,190	1,232,542,824	6.483	4.291	1.000	1.000	9,190	1.236
36	1.369	1.006	999,999,999	6.387	4.195	1.000	1.000	9,190	1,360,891,573	6.528	4.336	1.000	1.000	9,190	1.369
24	1.574	1.010	999,999,999	6.387	4.195	1.000	1.000	9,190	1,557,941,465	6.589	4.398	1.000	1.000	9,190	1.574
12	2.477	1.044	999,999,999	6.387	4.195	1.000	1.000	9,190	2,373,084,571	6.781	4.590	1.000	1.000	9,190	2.477

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)

Average : $9,190 sigma = 2.192
CV : 11.00 mu = 6.724

Limitation of Paid LDF's for Workers Compensation - Health Care Facilities (Indemnity)

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.011	1.000	9,500,000	4.263	2.071	1.000	0.981	9,110	9,602,600	4.268	2.076	1.000	0.981	9,111	1.011
276	1.012	1.000	9,500,000	4.263	2.071	1.000	0.981	9,110	9,614,000	4.268	2.076	1.000	0.981	9,111	1.012
264	1.013	1.000	9,500,000	4.263	2.071	1.000	0.981	9,110	9,623,528	4.269	2.077	1.000	0.981	9,111	1.013
252	1.014	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,013,925,591	6.393	4.202	1.000	1.000	9,190	1.014
240	1.015	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,014,939,517	6.394	4.202	1.000	1.000	9,190	1.015
228	1.016	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,015,954,456	6.394	4.203	1.000	1.000	9,190	1.016
216	1.018	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,017,986,365	6.395	4.203	1.000	1.000	9,190	1.018
204	1.021	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,021,040,324	6.397	4.205	1.000	1.000	9,190	1.021
192	1.024	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,024,103,445	6.398	4.206	1.000	1.000	9,190	1.024
180	1.028	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,028,199,859	6.400	4.208	1.000	1.000	9,190	1.028
168	1.032	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,032,312,659	6.402	4.210	1.000	1.000	9,190	1.032
156	1.036	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,036,441,909	6.403	4.212	1.000	1.000	9,190	1.036
144	1.043	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,042,556,198	6.406	4.214	1.000	1.000	9,190	1.043
132	1.061	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,061,466,782	6.414	4.223	1.000	1.000	9,190	1.061
120	1.081	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,081,149,027	6.423	4.231	1.000	1.000	9,190	1.081
108	1.103	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,102,772,007	6.432	4.240	1.000	1.000	9,190	1.103
96	1.152	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,152,396,748	6.452	4.260	1.000	1.000	9,190	1.152
84	1.210	1.000	999,999,999	6.387	4.195	1.000	1.000	9,190	1,210,016,585	6.474	4.282	1.000	1.000	9,190	1.210
72	1.276	1.001	999,999,999	6.387	4.195	1.000	1.000	9,190	1,274,638,197	6.498	4.306	1.000	1.000	9,190	1.276
60	1.397	1.002	999,999,999	6.387	4.195	1.000	1.000	9,190	1,394,334,491	6.539	4.347	1.000	1.000	9,190	1.397
48	1.598	1.003	999,999,999	6.387	4.195	1.000	1.000	9,190	1,593,525,133	6.600	4.408	1.000	1.000	9,190	1.598
36	1.970	1.006	999,999,999	6.387	4.195	1.000	1.000	9,190	1,958,190,368	6.694	4.502	1.000	1.000	9,190	1.970
24	2.687	1.010	999,999,999	6.387	4.195	1.000	1.000	9,190	2,660,209,733	6.834	4.642	1.000	1.000	9,190	2.687
12	6.046	1.044	999,999,999	6.387	4.195	1.000	1.000	9,190	5,792,313,371	7.189	4.997	1.000	1.000	9,190	6.046

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid		Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	98.9%	300	99.2%	$ 3,961,301	$ 475,356	*	$ 3,485,945	0.877	$ 3,055,457
1-Dec-01	276	98.8%	288	98.9%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-02	264	98.7%	276	98.8%	$ 210,745	$ 16,065	*	$ 194,680	0.855	$ 166,538
1-Dec-03	252	98.6%	264	98.7%	$ 84,849	$ 5,549	*	$ 79,300	0.834	$ 66,122
1-Dec-04	240	98.5%	252	98.6%	$ -	$ -	*	$ -	0.813	$ -
1-Dec-05	228	98.4%	240	98.5%	$ -	$ -	*	$ -	0.794	$ -
1-Dec-06	216	98.2%	228	98.4%	$ -	$ -	*	$ -	0.776	$ -
1-Dec-07	204	97.9%	216	98.2%	$ -	$ -	*	$ -	0.772	$ -
1-Dec-08	192	97.6%	204	97.9%	$ 72,799	$ 8,736	*	$ 64,063	0.776	$ 49,682
1-Dec-09	180	97.3%	192	97.6%	$ 535,082	$ 64,210	*	$ 470,872	0.774	$ 364,572
1-Dec-10	168	96.9%	180	97.3%	$ 63,444	$ 7,613	*	$ 55,831	0.777	$ 43,397
1-Dec-11	156	96.5%	168	96.9%	$ 67,528	$ 7,412	*	$ 60,116	0.776	$ 46,624
1-Dec-12	144	95.9%	156	96.5%	$ 460,730	$ 55,288	*	$ 405,442	0.771	$ 312,531
1-Dec-13	132	94.2%	144	95.9%	$ 529,503	$ 63,540	*	$ 465,962	0.774	$ 360,516
1-Dec-14	120	92.5%	132	94.2%	$ 130,592	$ 15,671	*	$ 114,921	0.813	$ 93,447
1-Dec-15	108	90.7%	120	92.5%	$ 201,828	$ 24,219	*	$ 177,609	0.827	$ 146,809
1-Dec-16	96	86.8%	108	90.7%	$ 639,312	$ 76,717	*	$ 562,595	0.830	$ 467,093
1-Dec-17	84	82.6%	96	86.8%	$ 322,415	$ 38,690	*	$ 283,725	0.851	$ 241,580
1-Dec-18	72	78.4%	84	82.6%	$ 2,111,680	$ 253,402	*	$ 1,858,278	0.857	$ 1,591,683
1-Dec-19	60	71.6%	72	78.4%	$ 1,075,318	$ 129,038	*	$ 946,279	0.854	$ 807,982
1-Dec-20	48	62.6%	60	71.6%	$ 2,675,319	$ 321,038	*	$ 2,354,281	0.858	$ 2,021,083
1-Dec-21	36	50.8%	48	62.6%	$ 2,437,630	$ 292,516	*	$ 2,145,115	0.862	$ 1,849,249
1-Dec-22	24	37.2%	36	50.8%	$ 2,375,348	$ 285,042	*	$ 2,090,306	0.865	$ 1,807,191
1-Dec-23	12	16.5%	24	37.2%	$ 5,690,718	$ 682,886	*	$ 5,007,831	0.863	$ 4,320,673
1-Dec-24	0	0.0%	12	16.5%	$ 5,000,000	$ 600,000	*	$ 4,400,000	0.866	$ 3,811,668
Total					$ 28,646,139	$ 3,422,989		$ 25,223,151		$ 21,623,898

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid		Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	99.2%	312	99.4%	$ 2,978,847	$ 357,462	*	$ 2,621,385	0.877	$ 2,298,293
1-Dec-01	288	98.9%	300	99.2%	$ -	$ -	*	$ -	0.877	$ -
1-Dec-02	276	98.8%	288	98.9%	$ 194,680	$ 19,262	*	$ 175,418	0.876	$ 153,712
1-Dec-03	264	98.7%	276	98.8%	$ 79,300	$ 6,044	*	$ 73,255	0.855	$ 62,666
1-Dec-04	252	98.6%	264	98.7%	$ -	$ -	*	$ -	0.834	$ -
1-Dec-05	240	98.5%	252	98.6%	$ -	$ -	*	$ -	0.813	$ -
1-Dec-06	228	98.4%	240	98.5%	$ -	$ -	*	$ -	0.794	$ -
1-Dec-07	216	98.2%	228	98.4%	$ -	$ -	*	$ -	0.776	$ -
1-Dec-08	204	97.9%	216	98.2%	$ 63,738	$ 7,649	*	$ 56,090	0.772	$ 43,295
1-Dec-09	192	97.6%	204	97.9%	$ 459,183	$ 55,102	*	$ 404,081	0.776	$ 313,373
1-Dec-10	180	97.3%	192	97.6%	$ 55,591	$ 6,671	*	$ 48,920	0.774	$ 37,876
1-Dec-11	168	96.9%	180	97.3%	$ 60,116	$ 7,214	*	$ 52,902	0.777	$ 41,120
1-Dec-12	156	96.5%	168	96.9%	$ 396,862	$ 43,561	*	$ 353,301	0.776	$ 274,012
1-Dec-13	144	95.9%	156	96.5%	$ 373,248	$ 44,790	*	$ 328,458	0.771	$ 253,188
1-Dec-14	132	94.2%	144	95.9%	$ 100,752	$ 12,090	*	$ 88,662	0.774	$ 68,598
1-Dec-15	120	92.5%	132	94.2%	$ 162,551	$ 19,506	*	$ 143,045	0.813	$ 116,316
1-Dec-16	108	90.7%	120	92.5%	$ 450,535	$ 54,064	*	$ 396,471	0.827	$ 327,718
1-Dec-17	96	86.8%	108	90.7%	$ 245,655	$ 29,479	*	$ 216,176	0.830	$ 179,480
1-Dec-18	84	82.6%	96	86.8%	$ 1,694,881	$ 203,386	*	$ 1,491,495	0.851	$ 1,269,944
1-Dec-19	72	78.4%	84	82.6%	$ 818,080	$ 98,170	*	$ 719,910	0.857	$ 616,630
1-Dec-20	60	71.6%	72	78.4%	$ 2,031,427	$ 243,771	*	$ 1,787,656	0.854	$ 1,526,393
1-Dec-21	48	62.6%	60	71.6%	$ 1,853,257	$ 222,391	*	$ 1,630,866	0.858	$ 1,400,053
1-Dec-22	36	50.8%	48	62.6%	$ 1,862,881	$ 223,546	*	$ 1,639,336	0.862	$ 1,413,229
1-Dec-23	24	37.2%	36	50.8%	$ 4,280,873	$ 513,705	*	$ 3,767,169	0.865	$ 3,256,936
1-Dec-24	12	16.5%	24	37.2%	$ 4,172,941	$ 500,753	*	$ 3,672,188	0.863	$ 3,168,302
1-Dec-25	0	0.0%	12	16.5%	$ 5,300,000	$ 636,000	*	$ 4,664,000	0.866	$ 4,040,368
Total					$ 27,635,398	$ 3,304,614		$ 24,330,784		$ 20,861,501

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois
Workers Compensation - Health Care Facilities (Indemnity)
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid		Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	99.4%	324	99.6%	$ 2,238,583	$ 268,630	*	$ 1,969,953	0.877	$ 1,727,642
1-Dec-01	300	99.2%	312	99.4%	$ -	$ -	*	$ -	0.877	$ -
1-Dec-02	288	98.9%	300	99.2%	$ 175,418	$ 21,050	*	$ 154,368	0.877	$ 135,305
1-Dec-03	276	98.8%	288	98.9%	$ 73,255	$ 7,247	*	$ 66,008	0.876	$ 57,840
1-Dec-04	264	98.7%	276	98.8%	$ -	$ -	*	$ -	0.855	$ -
1-Dec-05	252	98.6%	264	98.7%	$ -	$ -	*	$ -	0.834	$ -
1-Dec-06	240	98.5%	252	98.6%	$ -	$ -	*	$ -	0.813	$ -
1-Dec-07	228	98.4%	240	98.5%	$ -	$ -	*	$ -	0.794	$ -
1-Dec-08	216	98.2%	228	98.4%	$ 54,650	$ 6,077	*	$ 48,573	0.776	$ 37,713
1-Dec-09	204	97.9%	216	98.2%	$ 402,032	$ 48,244	*	$ 353,788	0.772	$ 273,084
1-Dec-10	192	97.6%	204	97.9%	$ 47,705	$ 5,725	*	$ 41,981	0.776	$ 32,557
1-Dec-11	180	97.3%	192	97.6%	$ 52,674	$ 6,321	*	$ 46,353	0.774	$ 35,889
1-Dec-12	168	96.9%	180	97.3%	$ 353,301	$ 42,396	*	$ 310,905	0.777	$ 241,662
1-Dec-13	156	96.5%	168	96.9%	$ 321,507	$ 35,290	*	$ 286,217	0.776	$ 221,983
1-Dec-14	144	95.9%	156	96.5%	$ 71,020	$ 8,522	*	$ 62,498	0.771	$ 48,176
1-Dec-15	132	94.2%	144	95.9%	$ 125,408	$ 15,049	*	$ 110,359	0.774	$ 85,385
1-Dec-16	120	92.5%	132	94.2%	$ 362,858	$ 43,543	*	$ 319,315	0.813	$ 259,648
1-Dec-17	108	90.7%	120	92.5%	$ 173,118	$ 20,774	*	$ 152,343	0.827	$ 125,925
1-Dec-18	96	86.8%	108	90.7%	$ 1,291,369	$ 154,964	*	$ 1,136,405	0.830	$ 943,496
1-Dec-19	84	82.6%	96	86.8%	$ 656,609	$ 78,793	*	$ 577,816	0.851	$ 491,986
1-Dec-20	72	78.4%	84	82.6%	$ 1,545,469	$ 185,456	*	$ 1,360,013	0.857	$ 1,164,901
1-Dec-21	60	71.6%	72	78.4%	$ 1,407,218	$ 168,866	*	$ 1,238,352	0.854	$ 1,057,369
1-Dec-22	48	62.6%	60	71.6%	$ 1,416,293	$ 169,955	*	$ 1,246,338	0.858	$ 1,069,946
1-Dec-23	36	50.8%	48	62.6%	$ 3,357,302	$ 402,876	*	$ 2,954,426	0.862	$ 2,546,935
1-Dec-24	24	37.2%	36	50.8%	$ 3,139,118	$ 376,694	*	$ 2,762,423	0.865	$ 2,388,275
1-Dec-25	12	16.5%	24	37.2%	$ 4,423,317	$ 530,798	*	$ 3,892,519	0.863	$ 3,358,401
1-Dec-26	0	0.0%	12	16.5%	$ 5,500,000	$ 660,000	*	$ 4,840,000	0.866	$ 4,192,835
Total					$ 27,188,224	$ 3,257,271		$ 23,930,953		$ 20,496,951

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois

Workers Compensation - Health Care Facilities (Indemnity)
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	7/28/1989	1,139,094	834,550	304,544
Prior	7/17/1990	1,009,383	635,969	373,414
Prior	6/14/1995	1,811,316	215,592	1,595,723
Prior	11/12/1995	1,436,290	965,771	470,519
Prior	7/28/1997	1,194,480	1,147,457	47,023
12/1/2002	12/23/2002	1,009,118	802,195	206,923
12/1/2012	8/22/2013	1,207,399	911,002	296,397
12/1/2018	5/8/2019	1,065,818	237,690	828,128

AON

Cook County, Illinois
Workers' Compensation - Health Care Facilities
Occurrence
Indemnity
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												50,979	51,287	49,457	47,435	47,660	47,873	48,112	48,410	56,276	56,277	56,202	56,518	56,311
12/1/2001					1,223	1,324	1,388	1,057	1,081	1,069	1,093	1,095	1,110	1,110	1,191	1,193	1,199	1,199	1,199	1,199	1,219	1,196	1,196	
12/1/2002				2,091	2,182	2,359	2,528	2,715	2,637	2,743	2,743	2,763	2,858	3,020	3,017	3,018	3,018	3,018	3,282	3,282	3,271	3,271		
12/1/2003			1,843	1,854	1,999	1,610	1,701	1,674	1,648	1,653	1,802	1,801	1,890	1,951	1,967	1,967	1,967	1,975	1,952	1,955	1,963			
12/1/2004		1,571	1,810	2,022	1,774	1,874	1,828	1,934	1,937	2,819	2,868	3,134	3,134	3,187	3,181	3,183	3,183	2,816	2,667	2,667				
12/1/2005	1,153	1,368	1,835	1,295	1,427	1,344	1,437	1,442	1,632	1,629	1,743	1,743	1,743	1,743	1,739	1,739	1,739	1,739	1,739					
12/1/2006	1,075	1,615	1,509	1,634	1,653	1,723	2,041	2,054	2,087	2,107	2,107	2,102	2,102	2,102	2,092	2,087	2,087	2,087						
12/1/2007	1,084	1,292	1,716	1,506	1,582	1,580	1,947	1,826	1,924	1,937	1,961	1,973	1,980	1,974	1,974	1,931	1,931							
12/1/2008	879	1,171	848	1,031	1,181	1,789	1,802	2,045	2,075	2,102	2,127	2,128	2,115	2,135	2,135	2,139								
12/1/2009	789	918	1,055	1,200	1,982	2,172	2,201	2,401	2,401	2,407	2,410	2,482	2,621	2,879	2,828									
12/1/2010	783	837	1,111	1,730	1,788	1,957	1,847	1,848	1,940	1,940	1,996	2,008	2,002	2,002										
12/1/2011	783	1,014	1,772	1,844	2,116	2,335	2,331	2,329	2,341	2,383	2,404	2,387	2,344											
12/1/2012	552	1,720	1,979	2,336	2,675	2,929	2,960	2,995	3,253	3,783	3,791	3,831												
12/1/2013	1,181	1,764	2,308	2,511	2,495	2,548	2,528	2,653	3,237	3,237	3,124													
12/1/2014	760	1,419	1,555	1,632	1,755	1,707	1,730	1,720	1,752	1,738														
12/1/2015	1,623	2,123	2,184	2,213	2,354	2,461	2,445	2,492	2,492															
12/1/2016	1,882	2,180	2,118	2,399	2,542	2,822	2,796	2,872																
12/1/2017	1,496	1,797	1,822	2,025	2,386	2,192	2,093																	
12/1/2018	1,980	3,859	3,335	3,918	4,063	4,177																		
12/1/2019	2,362	2,403	2,553	2,549	2,504																			
12/1/2020	3,489	3,161	3,282	3,538																				
12/1/2021	1,926	3,447	3,305																					
12/1/2022	2,203	1,786																						
12/1/2023	3,346																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.006	0.964	0.959	1.005	1.004	1.005	1.006	1.162	1.000	0.999	1.006	0.996	
12/1/2001					1.083	1.048	0.761	1.023	0.989	1.022	1.001	1.014	1.000	1.074	1.001	1.005	1.000	1.000	1.000	1.017	0.981	1.000		
12/1/2002				1.044	1.081	1.072	1.074	0.971	1.040	1.000	1.007	1.034	1.056	0.999	1.000	1.000	1.000	1.088	1.000	0.996	1.000			
12/1/2003			1.006	1.078	0.805	1.057	0.984	0.984	1.003	1.090	1.000	1.049	1.032	1.008	1.000	1.000	1.004	0.988	1.002	1.004				
12/1/2004		1.153	1.117	0.878	1.057	0.975	1.058	1.001	1.456	1.017	1.093	1.000	1.017	0.998	1.001	1.000	0.885	0.947	1.000					
12/1/2005	1.187	1.342	0.706	1.102	0.942	1.069	1.003	1.132	0.998	1.070	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000						
12/1/2006	1.503	0.934	1.083	1.012	1.042	1.185	1.006	1.016	1.009	1.000	0.998	1.000	1.000	0.995	0.998	1.000	1.000							
12/1/2007	1.192	1.329	0.878	1.051	0.998	1.233	0.938	1.054	1.007	1.013	1.006	1.003	0.997	1.000	0.978	1.000								
12/1/2008	1.332	0.724	1.216	1.145	1.515	1.007	1.134	1.015	1.013	1.012	1.000	0.994	1.009	1.000	1.001									
12/1/2009	1.163	1.150	1.137	1.652	1.096	1.013	1.091	1.000	1.002	1.001	1.030	1.056	1.099	0.982										
12/1/2010	1.070	1.327	1.557	1.034	1.094	0.944	1.000	1.049	1.000	1.029	1.006	0.997	1.000											
12/1/2011	1.295	1.747	1.041	1.148	1.103	0.998	0.999	1.005	1.018	1.009	0.993	0.982												
12/1/2012	3.119	1.151	1.181	1.145	1.095	1.011	1.012	1.086	1.163	1.002	1.010													
12/1/2013	1.494	1.309	1.088	0.994	1.021	0.992	1.050	1.220	1.000	0.965														
12/1/2014	1.867	1.096	1.050	1.075	0.973	1.014	0.994	1.019	0.992															
12/1/2015	1.308	1.029	1.013	1.064	1.045	0.994	1.019	1.000																
12/1/2016	1.158	0.972	1.133	1.060	1.110	0.991	1.027																	
12/1/2017	1.201	1.014	1.112	1.178	0.919	0.955																		
12/1/2018	1.949	0.864	1.175	1.037	1.028																			
12/1/2019	1.017	1.063	0.998	0.982																				
12/1/2020	0.906	1.038	1.078																					
12/1/2021	1.789	0.959																						
12/1/2022	0.811																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.409	1.122	1.087	1.093	1.056	1.033	1.009	1.038	1.049	1.018	1.012	1.011	1.016	1.001	0.998	1.001	0.985	1.005	1.033	1.004	0.993	1.003	0.996	
3 Yr Average	1.169	1.020	1.084	1.066	1.019	0.980	1.013	1.080	1.052	0.992	1.003	1.012	1.036	0.994	0.992	1.000	0.962	0.978	1.001	1.006	0.993	NA	NA	
5 Yr Average	1.294	0.988	1.099	1.064	1.015	0.989	1.020	1.066	1.035	1.001	1.008	1.007	1.021	0.995	0.996	1.000	0.978	1.005	1.033	NA	NA	NA	NA	
3 Yr Wtd Average	1.102	1.015	1.091	1.054	1.022	0.981	1.016	1.090	1.063	0.991	1.004	1.013	1.041	0.993	0.993	1.000	0.948	0.974	1.000	1.002	0.998	NA	NA	
5 Yr Wtd Average	1.225	0.975	1.101	1.057	1.020	0.988	1.022	1.073	1.045	0.998	1.008	1.008	1.025	0.994	0.996	1.000	0.970	1.009	1.137	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	0.906	1.038	1.078	1.037	1.028	0.991	1.019	1.019	1.000	1.002	1.006	0.997	1.009	1.000	0.998	1.000	1.000	0.988	1.000	1.004	0.999	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.237	1.004	1.107	1.053	1.015	0.992	1.019	1.037	1.006	1.004	1.006	0.998	1.003	0.998	0.999	1.000	1.000	0.996	1.001	NA	NA	NA	NA	
Prior	1.574	1.160	1.112	1.076	1.060	1.023	1.020	1.017	1.006	1.006	1.004	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.002
Industry	1.551	1.149	1.062	1.026	1.007	1.008	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.000	0.999	1.000	0.999	1.001	1.001	1.001	1.001	1.000	1.001
Initial Selected	1.574	1.149	1.107	1.071	1.056	1.020	1.020	1.017	1.006	1.006	1.005	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.002

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.002
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.001
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.574**	**1.149**	**1.107**	**1.071**	**1.056**	**1.020**	**1.020**	**1.017**	**1.006**	**1.006**	**1.005**	**1.003**	**1.002**	**1.002**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.002**
Final CDF	**2.477**	**1.574**	**1.369**	**1.236**	**1.154**	**1.093**	**1.072**	**1.051**	**1.033**	**1.027**	**1.021**	**1.016**	**1.012**	**1.010**	**1.008**	**1.007**	**1.006**	**1.005**	**1.004**	**1.003**	**1.002**	**1.002**	**1.002**	**1.002**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Indemnity Only

AON

Cook County, Illinois
Workers' Compensation - Health Care Facilities
Occurrence
Indemnity
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												43,372	44,782	45,145	45,658	46,137	46,677	46,999	47,365	51,677	51,912	52,146	52,390	52,643
12/1/2001					902	975	1,041	1,045	1,069	1,069	1,093	1,095	1,095	1,095	1,176	1,176	1,181	1,196	1,196	1,196	1,196	1,196	1,196	
12/1/2002				1,336	1,415	1,592	2,362	2,426	2,575	2,697	2,715	2,731	2,746	2,930	2,946	2,965	2,981	2,999	3,015	3,030	3,048	3,064		
12/1/2003			1,101	1,221	1,381	1,547	1,647	1,648	1,648	1,653	1,653	1,659	1,773	1,815	1,847	1,859	1,860	1,870	1,872	1,877	1,882			
12/1/2004		784	1,002	1,136	1,437	1,734	1,781	1,833	1,880	1,957	2,060	2,334	2,381	2,462	2,524	2,536	2,536	2,563	2,667	2,667				
12/1/2005	303	518	920	1,137	1,264	1,344	1,437	1,442	1,601	1,619	1,733	1,733	1,733	1,739	1,739	1,739	1,739	1,739	1,739					
12/1/2006	368	809	1,184	1,411	1,629	1,714	1,869	1,877	1,920	2,087	2,087	2,087	2,087	2,087	2,087	2,087	2,087	2,087						
12/1/2007	442	931	1,263	1,481	1,566	1,580	1,597	1,605	1,742	1,767	1,772	1,883	1,885	1,912	1,930	1,931	1,931							
12/1/2008	309	575	756	995	1,148	1,360	1,495	1,920	1,955	2,016	2,048	2,075	2,076	2,076	2,078	2,083								
12/1/2009	332	781	1,032	1,146	1,246	1,580	1,709	1,815	1,941	2,046	2,122	2,211	2,248	2,261	2,359									
12/1/2010	503	758	947	1,115	1,281	1,594	1,631	1,667	1,722	1,731	1,937	1,939	1,960	1,960										
12/1/2011	558	903	1,169	1,368	1,755	1,913	2,108	2,128	2,161	2,227	2,237	2,290	2,302											
12/1/2012	334	930	1,179	1,711	2,255	2,422	2,582	2,903	3,209	3,265	3,347	3,435												
12/1/2013	480	1,031	1,686	2,042	2,117	2,218	2,282	2,436	2,509	2,510	2,652													
12/1/2014	283	881	1,063	1,298	1,374	1,437	1,520	1,528	1,653	1,663														
12/1/2015	722	1,329	1,494	1,693	1,901	2,203	2,243	2,372	2,372															
12/1/2016	358	1,021	1,392	1,854	2,099	2,218	2,301	2,354																
12/1/2017	505	1,017	1,222	1,486	1,637	1,933	1,963																	
12/1/2018	353	1,097	1,532	1,737	2,278	2,360																		
12/1/2019	420	793	1,058	1,346	1,825																			
12/1/2020	540	1,023	1,230	1,625																				
12/1/2021	464	1,304	1,862																					
12/1/2022	373	828																						
12/1/2023	479																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.033	1.008	1.011	1.011	1.012	1.007	1.008	1.091	1.005	1.005	1.005	1.005	
12/1/2001					1.081	1.068	1.004	1.023	1.000	1.022	1.001	1.000	1.000	1.075	1.000	1.005	1.012	1.000	1.000	1.000	1.000	1.000		
12/1/2002				1.059	1.125	1.484	1.027	1.061	1.048	1.007	1.006	1.005	1.067	1.006	1.006	1.005	1.006	1.005	1.005	1.006	1.005			
12/1/2003			1.110	1.131	1.120	1.064	1.000	1.000	1.003	1.000	1.004	1.069	1.024	1.017	1.007	1.001	1.006	1.001	1.003	1.003				
12/1/2004		1.278	1.134	1.265	1.206	1.027	1.029	1.026	1.041	1.053	1.133	1.020	1.034	1.025	1.005	1.000	1.011	1.041	1.000					
12/1/2005	1.708	1.777	1.236	1.112	1.063	1.069	1.003	1.110	1.011	1.070	1.000	1.000	1.004	1.000	1.000	1.000	1.000	1.000						
12/1/2006	2.198	1.464	1.192	1.154	1.052	1.090	1.004	1.022	1.087	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	2.105	1.356	1.173	1.057	1.009	1.011	1.005	1.086	1.014	1.003	1.063	1.001	1.014	1.010	1.000	1.000								
12/1/2008	1.862	1.315	1.315	1.155	1.184	1.099	1.284	1.018	1.031	1.016	1.013	1.001	1.000	1.001	1.002									
12/1/2009	2.354	1.322	1.111	1.087	1.268	1.082	1.062	1.069	1.054	1.037	1.042	1.017	1.006	1.043										
12/1/2010	1.506	1.250	1.178	1.149	1.244	1.023	1.022	1.033	1.005	1.119	1.001	1.010	1.000											
12/1/2011	1.620	1.295	1.170	1.282	1.090	1.102	1.010	1.015	1.031	1.004	1.024	1.006												
12/1/2012	2.782	1.268	1.452	1.318	1.074	1.066	1.124	1.105	1.018	1.025	1.026													
12/1/2013	2.147	1.636	1.211	1.036	1.048	1.029	1.068	1.030	1.000	1.056														
12/1/2014	3.108	1.207	1.221	1.059	1.046	1.058	1.005	1.082	1.006															
12/1/2015	1.840	1.124	1.133	1.123	1.159	1.018	1.057	1.000																
12/1/2016	2.849	1.364	1.332	1.132	1.057	1.037	1.023																	
12/1/2017	2.014	1.202	1.216	1.101	1.181	1.015																		
12/1/2018	3.107	1.397	1.134	1.311	1.036																			
12/1/2019	1.889	1.333	1.272	1.356																				
12/1/2020	1.894	1.203	1.321																					
12/1/2021	2.808	1.428																						
12/1/2022	2.223																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	2.223	1.345	1.217	1.160	1.114	1.079	1.046	1.045	1.025	1.032	1.026	1.013	1.014	1.019	1.003	1.003	1.006	1.009	1.020	1.003	1.003	1.002	1.005	
3 Yr Average	2.308	1.321	1.242	1.256	1.091	1.024	1.029	1.037	1.008	1.029	1.017	1.011	1.002	1.018	1.001	1.000	1.004	1.014	1.003	1.003	1.003	NA	NA	
5 Yr Average	2.384	1.313	1.255	1.205	1.096	1.031	1.055	1.047	1.012	1.048	1.021	1.007	1.004	1.011	1.001	1.000	1.004	1.009	1.020	NA	NA	NA	NA	
3 Yr Wtd Average	2.291	1.330	1.233	1.256	1.083	1.024	1.031	1.031	1.009	1.029	1.019	1.011	1.002	1.019	1.001	1.000	1.004	1.017	1.003	1.004	1.004	NA	NA	
5 Yr Wtd Average	2.347	1.319	1.251	1.200	1.093	1.030	1.061	1.047	1.013	1.044	1.022	1.007	1.004	1.012	1.002	1.000	1.005	1.012	1.077	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	2.223	1.333	1.272	1.311	1.057	1.018	1.023	1.030	1.006	1.025	1.024	1.010	1.000	1.010	1.000	1.000	1.000	1.001	1.003	1.003	1.005	NA	NA	
Avg X Hi-Lo (5yr X 2)	2.308	1.311	1.270	1.189	1.087	1.028	1.049	1.042	1.010	1.040	1.021	1.006	1.002	1.004	1.001	1.000	1.004	1.002	1.003	NA	NA	NA	NA	
Prior	2.250	1.364	1.227	1.139	1.095	1.062	1.050	1.045	1.020	1.019	1.015	1.006	1.004	1.004	1.004	1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.001	1.011
Industry	2.885	1.576	1.265	1.133	1.075	1.040	1.027	1.018	1.011	1.008	1.005	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.004	1.003	1.002	1.002	1.001	1.004
Initial Selected	2.250	1.364	1.233	1.144	1.095	1.054	1.050	1.045	1.020	1.019	1.018	1.006	1.004	1.004	1.004	1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.001	1.011

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.007
Exponential Curve Fit																								1.001
Weibull Curve Fit																								1.002
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.250**	**1.364**	**1.233**	**1.144**	**1.095**	**1.054**	**1.050**	**1.045**	**1.020**	**1.019**	**1.018**	**1.006**	**1.004**	**1.004**	**1.004**	**1.003**	**1.003**	**1.002**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.011**
Final CDF	**6.046**	**2.687**	**1.970**	**1.598**	**1.397**	**1.276**	**1.210**	**1.152**	**1.103**	**1.081**	**1.061**	**1.043**	**1.036**	**1.032**	**1.028**	**1.024**	**1.021**	**1.018**	**1.016**	**1.015**	**1.014**	**1.013**	**1.012**	**1.011**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Indemnity Only

AON

Cook County, Illinois
Workers' Compensation - Health Care Facilities
Occurrence
Indemnity
Reported Claim Count Development Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												7,412	7,419	7,411	7,411	7,411	7,413	7,412	7,413	7,414	7,414	7,414	7,414	7,414
12/1/2001					489	489	489	489	489	489	489	489	490	490	490	490	490	490	490	490	490	490	490	
12/1/2002				512	512	513	513	513	513	513	513	514	514	514	514	514	514	514	514	514	514	514		
12/1/2003			589	589	590	591	591	591	591	591	593	593	593	593	593	593	593	593	593	593	593			
12/1/2004		516	516	516	517	517	517	517	517	518	518	518	518	518	518	518	518	518	518	518				
12/1/2005	503	507	509	511	511	511	511	511	510	510	510	510	510	510	510	510	510	510	510					
12/1/2006	306	313	313	313	313	314	314	318	318	318	318	318	318	318	318	318	318	318						
12/1/2007	263	266	267	268	267	267	274	274	274	274	274	274	274	274	274	274	274							
12/1/2008	241	244	270	270	271	280	280	280	280	280	280	280	280	280	280	280								
12/1/2009	181	204	205	206	213	213	214	214	214	214	214	214	214	214	214									
12/1/2010	187	193	193	201	201	202	202	202	202	202	202	202	202	202										
12/1/2011	158	161	169	169	169	169	169	169	169	169	169	169	169											
12/1/2012	136	140	142	143	143	143	143	143	143	143	143	143												
12/1/2013	145	155	158	158	158	158	158	158	158	158	158													
12/1/2014	149	155	157	158	158	158	158	158	158	158														
12/1/2015	169	176	176	176	176	176	176	176	176															
12/1/2016	149	166	167	167	167	167	167	167																
12/1/2017	174	179	179	180	180	180	180																	
12/1/2018	153	159	159	159	159	159																		
12/1/2019	209	220	222	223	223																			
12/1/2020	169	171	171	171																				
12/1/2021	171	174	174																					
12/1/2022	135	136																						
12/1/2023	125																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2001					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002				1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003			1.000	1.002	1.002	1.000	1.000	1.000	1.000	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004		1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
12/1/2005	1.008	1.004	1.004	1.000	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.023	1.000	1.000	1.000	1.003	1.000	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.011	1.004	1.004	0.996	1.000	1.026	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.012	1.107	1.000	1.004	1.033	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.127	1.005	1.005	1.034	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.032	1.000	1.041	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.019	1.050	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.029	1.014	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.069	1.019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12/1/2014	1.040	1.013	1.006	1.000	1.000	1.000	1.000	1.000	1.000															
12/1/2015	1.041	1.000	1.000	1.000	1.000	1.000	1.000	1.000																
12/1/2016	1.114	1.006	1.000	1.000	1.000	1.000	1.000																	
12/1/2017	1.029	1.000	1.006	1.000	1.000	1.000																		
12/1/2018	1.039	1.000	1.000	1.000	1.000																			
12/1/2019	1.053	1.009	1.005	1.000																				
12/1/2020	1.012	1.000	1.000																					
12/1/2021	1.018	1.000																						
12/1/2022	1.007																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.038	1.013	1.004	1.002	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.012	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.026	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.013	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.027	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.012	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.023	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	1.039	1.004	1.003	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.131	1.019	1.010	1.007	1.007	1.005	1.005	1.006	1.006	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.033	1.004	1.003	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.033**	**1.004**	**1.003**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.044**	**1.010**	**1.006**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Indemnity Only

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Payroll (in 00s)	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	7,414	13	13,781,579	13,448,281	333,298	33,421	366,719	13,815,000	
1-Dec-01	4,348,459	9,500,000	490	-	620,425	620,425	-	-	-	620,425	0.14
1-Dec-02	4,411,415	9,500,000	514	1	916,557	898,593	17,963	2,443	20,407	919,000	0.21
1-Dec-03	4,536,443	Various	593	1	1,325,127	1,220,765	104,362	3,873	108,235	1,329,000	0.29
1-Dec-04	4,587,757	Unlimited	518	-	1,261,868	1,261,868	-	-	-	1,261,868	0.28
1-Dec-05	4,646,188	Unlimited	510	-	763,576	763,576	-	-	-	763,576	0.16
1-Dec-06	4,480,513	Unlimited	318	-	925,319	925,319	-	-	-	925,319	0.21
1-Dec-07	4,456,640	Unlimited	274	-	747,148	747,148	-	-	-	747,148	0.17
1-Dec-08	5,016,244	Unlimited	280	4	694,482	689,795	4,687	518	5,205	695,000	0.14
1-Dec-09	5,265,352	Unlimited	214	6	1,337,426	734,658	602,768	22,574	625,342	1,360,000	0.26
1-Dec-10	4,890,532	Unlimited	202	4	680,500	667,867	12,633	3,500	16,133	684,000	0.14
1-Dec-11	5,150,838	Unlimited	169	3	998,995	992,547	6,448	11,005	17,453	1,010,000	0.20
1-Dec-12	4,827,828	Unlimited	143	4	1,657,434	1,191,842	465,593	31,566	497,158	1,689,000	0.35
1-Dec-13	4,827,828	Unlimited	158	4	897,145	684,615	212,530	42,855	255,385	940,000	0.19
1-Dec-14	4,684,830	Unlimited	158	3	521,715	485,571	36,145	18,285	54,429	540,000	0.12
1-Dec-15	4,970,309	Unlimited	176	3	737,666	697,546	40,119	22,334	62,454	760,000	0.15
1-Dec-16	5,291,126	Unlimited	167	10	764,063	526,401	237,662	25,937	263,599	790,000	0.15
1-Dec-17	5,390,504	Unlimited	180	5	434,230	395,842	38,388	25,770	64,158	460,000	0.09
1-Dec-18	5,802,830	Unlimited	159	17	2,170,682	816,855	1,353,827	49,318	1,403,145	2,220,000	0.38
1-Dec-19	5,241,633	Unlimited	223	20	1,254,941	338,785	916,156	45,059	961,215	1,300,000	0.25
1-Dec-20	5,918,294	Unlimited	171	21	1,412,609	571,134	841,475	87,391	928,866	1,500,000	0.25
1-Dec-21	6,312,408	Unlimited	174	25	2,522,556	850,111	1,672,445	177,444	1,849,889	2,700,000	0.43
1-Dec-22	5,897,102	Unlimited	136	17	1,468,223	145,320	1,322,903	131,777	1,454,680	1,600,000	0.27
1-Dec-23	7,188,384	Unlimited	125	63	2,780,950	102,245	2,678,705	619,050	3,297,755	3,400,000	0.47
Total	118,143,460		13,466	224	40,675,216	29,777,110	10,898,107	1,354,120	12,252,226	42,029,336	0.24
Full Policy Period Projections											
1-Dec-24	7,515,922	Unlimited								2,700,000	0.36
1-Dec-25	7,741,400	Unlimited								2,900,000	0.37

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 13,809,576	$ 13,539,026	$ 13,926,113	N/A	N/A	N/A	N/A	$ 13,809,576	$ 13,815,000
1-Dec-01	$ 621,795	$ 625,235	$ 620,425	$ 621,855	$ 625,416	$ 622,191	$ 626,387	$ 621,795	$ 620,425
1-Dec-02	$ 918,581	$ 906,564	$ 922,564	$ 918,063	$ 904,605	$ 918,472	$ 905,954	$ 918,581	$ 919,000
1-Dec-03	$ 1,329,390	$ 1,233,145	$ 1,374,105	$ 1,327,475	$ 1,228,117	$ 1,328,158	$ 1,229,849	$ 1,329,390	$ 1,329,000
1-Dec-04	$ 1,267,194	$ 1,275,940	$ 1,261,868	$ 1,265,093	$ 1,270,332	$ 1,265,901	$ 1,271,996	$ 1,267,194	$ 1,261,868
1-Dec-05	$ 767,565	$ 772,863	$ 763,576	$ 767,772	$ 773,278	$ 768,500	$ 774,385	$ 767,565	$ 763,576
1-Dec-06	$ 931,083	$ 937,510	$ 925,319	$ 930,327	$ 935,837	$ 930,941	$ 936,381	$ 931,083	$ 925,319
1-Dec-07	$ 752,555	$ 757,749	$ 747,148	$ 753,167	$ 758,870	$ 753,597	$ 758,656	$ 752,555	$ 747,148
1-Dec-08	$ 700,207	$ 700,981	$ 699,407	$ 702,472	$ 705,390	$ 702,760	$ 704,142	$ 700,207	$ 695,000
1-Dec-09	$ 1,349,799	$ 748,065	$ 1,968,522	$ 1,347,021	$ 753,418	$ 1,347,318	$ 751,124	$ 1,349,799	$ 1,360,000
1-Dec-10	$ 687,482	$ 682,095	$ 692,488	$ 690,166	$ 687,720	$ 690,176	$ 684,755	$ 687,482	$ 684,000
1-Dec-11	$ 1,010,255	$ 1,017,747	$ 1,004,274	$ 1,010,660	$ 1,018,461	$ 1,010,598	$ 1,014,175	$ 1,010,255	$ 1,010,000
1-Dec-12	$ 1,677,791	$ 1,228,211	$ 1,980,631	$ 1,669,842	$ 1,222,124	$ 1,669,730	$ 1,216,215	$ 1,677,791	$ 1,689,000
1-Dec-13	$ 909,980	$ 709,740	$ 1,037,919	$ 912,240	$ 722,499	$ 911,200	$ 712,602	$ 909,980	$ 940,000
1-Dec-14	$ 530,238	$ 507,635	$ 542,924	$ 539,130	$ 532,664	$ 536,956	$ 517,360	$ 530,238	$ 540,000
1-Dec-15	$ 751,215	$ 734,347	$ 760,225	$ 759,356	$ 757,812	$ 756,063	$ 735,181	$ 751,215	$ 760,000
1-Dec-16	$ 780,432	$ 558,606	$ 899,966	$ 792,061	$ 603,362	$ 787,561	$ 570,404	$ 780,432	$ 790,000
1-Dec-17	$ 445,751	$ 425,520	$ 456,830	$ 471,004	$ 495,080	$ 465,608	$ 448,375	$ 445,751	$ 460,000
1-Dec-18	$ 2,239,412	$ 891,803	$ 2,949,505	$ 2,219,765	$ 951,260	$ 2,215,794	$ 884,745	$ 2,237,175	$ 2,220,000
1-Dec-19	$ 1,307,623	$ 384,664	$ 1,722,265	$ 1,315,798	$ 518,949	$ 1,312,250	$ 423,778	$ 1,305,012	$ 1,300,000
1-Dec-20	$ 1,486,628	$ 679,120	$ 1,796,217	$ 1,501,731	$ 855,754	$ 1,499,465	$ 700,387	$ 1,492,012	$ 1,500,000
1-Dec-21	$ 2,694,557	$ 1,091,384	$ 3,201,510	$ 2,652,039	$ 1,298,544	$ 2,655,880	$ 1,047,919	$ 2,690,108	$ 2,700,000
1-Dec-22	$ 1,746,083	$ 231,020	$ 2,462,017	$ 1,782,065	$ 876,937	$ 1,800,641	$ 445,325	$ 1,741,973	$ 1,600,000
1-Dec-23	$ 4,508,647	$ 440,493	$ 5,449,270	$ 3,740,307	$ 2,024,694	$ 3,859,075	$ 871,551	$ 4,396,916	$ 3,400,000
Total	$ 43,223,838	$ 31,079,462	$ 48,165,088	$ 28,689,411	$ 20,521,121	$ 28,808,835	$ 18,231,646	$ 43,104,083	$ 42,029,336

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 13,815,000	$ 13,781,579	$ 13,448,281	$ 333,298	$ 33,421	$ 366,719	$ 321,424
1-Dec-01	276	$ 9,500,000	$ 620,425	$ 620,425	$ 620,425	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 919,000	$ 916,557	$ 898,593	$ 17,963	$ 2,443	$ 20,407	$ 17,247
1-Dec-03	252	Various	$ 1,329,000	$ 1,325,127	$ 1,220,765	$ 104,362	$ 3,873	$ 108,235	$ 90,091
1-Dec-04	240	Unlimited	$ 1,261,868	$ 1,261,868	$ 1,261,868	$ -	$ -	$ -	$ -
1-Dec-05	228	Unlimited	$ 763,576	$ 763,576	$ 763,576	$ -	$ -	$ -	$ -
1-Dec-06	216	Unlimited	$ 925,319	$ 925,319	$ 925,319	$ -	$ -	$ -	$ -
1-Dec-07	204	Unlimited	$ 747,148	$ 747,148	$ 747,148	$ -	$ -	$ -	$ -
1-Dec-08	192	Unlimited	$ 695,000	$ 694,482	$ 689,795	$ 4,687	$ 518	$ 5,205	$ 4,002
1-Dec-09	180	Unlimited	$ 1,360,000	$ 1,337,426	$ 734,658	$ 602,768	$ 22,574	$ 625,342	$ 478,434
1-Dec-10	168	Unlimited	$ 684,000	$ 680,500	$ 667,867	$ 12,633	$ 3,500	$ 16,133	$ 12,414
1-Dec-11	156	Unlimited	$ 1,010,000	$ 998,995	$ 992,547	$ 6,448	$ 11,005	$ 17,453	$ 13,563
1-Dec-12	144	Unlimited	$ 1,689,000	$ 1,657,434	$ 1,191,842	$ 465,593	$ 31,566	$ 497,158	$ 390,172
1-Dec-13	132	Unlimited	$ 940,000	$ 897,145	$ 684,615	$ 212,530	$ 42,855	$ 255,385	$ 201,979
1-Dec-14	120	Unlimited	$ 540,000	$ 521,715	$ 485,571	$ 36,145	$ 18,285	$ 54,429	$ 43,578
1-Dec-15	108	Unlimited	$ 760,000	$ 737,666	$ 697,546	$ 40,119	$ 22,334	$ 62,454	$ 49,782
1-Dec-16	96	Unlimited	$ 790,000	$ 764,063	$ 526,401	$ 237,662	$ 25,937	$ 263,599	$ 209,229
1-Dec-17	84	Unlimited	$ 460,000	$ 434,230	$ 395,842	$ 38,388	$ 25,770	$ 64,158	$ 51,340
1-Dec-18	72	Unlimited	$ 2,220,000	$ 2,170,682	$ 816,855	$ 1,353,827	$ 49,318	$ 1,403,145	$ 1,129,059
1-Dec-19	60	Unlimited	$ 1,300,000	$ 1,254,941	$ 338,785	$ 916,156	$ 45,059	$ 961,215	$ 801,803
1-Dec-20	48	Unlimited	$ 1,500,000	$ 1,412,609	$ 571,134	$ 841,475	$ 87,391	$ 928,866	$ 785,812
1-Dec-21	36	Unlimited	$ 2,700,000	$ 2,522,556	$ 850,111	$ 1,672,445	$ 177,444	$ 1,849,889	$ 1,590,305
1-Dec-22	24	Unlimited	$ 1,600,000	$ 1,468,223	$ 145,320	$ 1,322,903	$ 131,777	$ 1,454,680	$ 1,291,993
1-Dec-23	12	Unlimited	$ 3,400,000	$ 2,780,950	$ 102,245	$ 2,678,705	$ 619,050	$ 3,297,755	$ 3,029,948
Total			$ 42,029,336	$ 40,675,216	$ 29,777,110	$ 10,898,107	$ 1,354,120	$ 12,252,226	$ 10,512,174

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 13,781,579	1.002	$ 13,809,576	$ 13,448,281	1.007	$ 13,539,026	$ 333,298	1.434	$ 13,926,113
1-Dec-01	276	$ 620,425	1.002	$ 621,795	$ 620,425	1.008	$ 625,235	$ -	1.401	$ 620,425
1-Dec-02	264	$ 916,557	1.002	$ 918,581	$ 898,593	1.009	$ 906,564	$ 17,963	1.334	$ 922,564
1-Dec-03	252	$ 1,325,127	1.003	$ 1,329,390	$ 1,220,765	1.010	$ 1,233,145	$ 104,362	1.469	$ 1,374,105
1-Dec-04	240	$ 1,261,868	1.004	$ 1,267,194	$ 1,261,868	1.011	$ 1,275,940	$ -	1.616	$ 1,261,868
1-Dec-05	228	$ 763,576	1.005	$ 767,565	$ 763,576	1.012	$ 772,863	$ -	1.762	$ 763,576
1-Dec-06	216	$ 925,319	1.006	$ 931,083	$ 925,319	1.013	$ 937,510	$ -	1.909	$ 925,319
1-Dec-07	204	$ 747,148	1.007	$ 752,555	$ 747,148	1.014	$ 757,749	$ -	2.056	$ 747,148
1-Dec-08	192	$ 694,482	1.008	$ 700,207	$ 689,795	1.016	$ 700,981	$ 4,687	2.051	$ 699,407
1-Dec-09	180	$ 1,337,426	1.009	$ 1,349,799	$ 734,658	1.018	$ 748,065	$ 602,768	2.047	$ 1,968,522
1-Dec-10	168	$ 680,500	1.010	$ 687,482	$ 667,867	1.021	$ 682,095	$ 12,633	1.949	$ 692,488
1-Dec-11	156	$ 998,995	1.011	$ 1,010,255	$ 992,547	1.025	$ 1,017,747	$ 6,448	1.819	$ 1,004,274
1-Dec-12	144	$ 1,657,434	1.012	$ 1,677,791	$ 1,191,842	1.031	$ 1,228,211	$ 465,593	1.694	$ 1,980,631
1-Dec-13	132	$ 897,145	1.014	$ 909,980	$ 684,615	1.037	$ 709,740	$ 212,530	1.662	$ 1,037,919
1-Dec-14	120	$ 521,715	1.016	$ 530,238	$ 485,571	1.045	$ 507,635	$ 36,145	1.587	$ 542,924
1-Dec-15	108	$ 737,666	1.018	$ 751,215	$ 697,546	1.053	$ 734,347	$ 40,119	1.562	$ 760,225
1-Dec-16	96	$ 764,063	1.021	$ 780,432	$ 526,401	1.061	$ 558,606	$ 237,662	1.572	$ 899,966
1-Dec-17	84	$ 434,230	1.027	$ 445,751	$ 395,842	1.075	$ 425,520	$ 38,388	1.589	$ 456,830
1-Dec-18	72	$ 2,170,682	1.032	$ 2,239,412	$ 816,855	1.092	$ 891,803	$ 1,353,827	1.575	$ 2,949,505
1-Dec-19	60	$ 1,254,941	1.042	$ 1,307,623	$ 338,785	1.135	$ 384,664	$ 916,156	1.510	$ 1,722,265
1-Dec-20	48	$ 1,412,609	1.052	$ 1,486,628	$ 571,134	1.189	$ 679,120	$ 841,475	1.456	$ 1,796,217
1-Dec-21	36	$ 2,522,556	1.068	$ 2,694,557	$ 850,111	1.284	$ 1,091,384	$ 1,672,445	1.406	$ 3,201,510
1-Dec-22	24	$ 1,468,223	1.189	$ 1,746,083	$ 145,320	1.590	$ 231,020	$ 1,322,903	1.751	$ 2,462,017
1-Dec-23	12	$ 2,780,950	1.621	$ 4,508,647	$ 102,245	4.308	$ 440,493	$ 2,678,705	1.996	$ 5,449,270
Total		$ 40,675,216		$ 43,223,838	$ 29,777,110		$ 31,079,462	$ 10,898,107		$ 48,165,088

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Payroll (in 00s)	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 620,425	4.461	1.000	$ 2,768,096	8,311,599	1.002	0.43	$ 801,735	$ 622,191
1-Dec-02	264	$ 916,557	4.169	1.000	$ 3,821,795	8,186,343	1.002	0.44	$ 869,471	$ 918,472
1-Dec-03	252	$ 1,325,127	3.897	1.000	$ 5,163,612	8,193,322	1.003	0.45	$ 945,222	$ 1,328,158
1-Dec-04	240	$ 1,261,868	3.642	1.000	$ 4,595,432	8,024,869	1.004	0.44	$ 959,638	$ 1,265,901
1-Dec-05	228	$ 763,576	3.404	1.000	$ 2,598,847	7,890,365	1.005	0.41	$ 947,444	$ 768,500
1-Dec-06	216	$ 925,319	3.181	1.000	$ 2,943,312	7,387,386	1.006	0.39	$ 908,145	$ 930,941
1-Dec-07	204	$ 747,148	2.973	1.000	$ 2,221,099	7,151,599	1.007	0.37	$ 897,613	$ 753,597
1-Dec-08	192	$ 694,482	2.778	1.000	$ 1,929,472	7,795,918	1.008	0.36	$ 1,012,479	$ 702,760
1-Dec-09	180	$ 1,337,426	2.643	1.000	$ 3,535,409	7,944,723	1.009	0.36	$ 1,079,185	$ 1,347,318
1-Dec-10	168	$ 680,500	2.622	1.000	$ 1,784,073	7,164,242	1.010	0.35	$ 952,666	$ 690,176
1-Dec-11	156	$ 998,995	2.444	1.000	$ 2,441,400	7,343,863	1.011	0.35	$ 1,041,063	$ 1,010,598
1-Dec-12	144	$ 1,657,434	2.270	1.000	$ 3,762,941	6,666,401	1.012	0.35	$ 1,013,375	$ 1,669,730
1-Dec-13	132	$ 897,145	2.106	1.000	$ 1,889,679	6,472,234	1.014	0.32	$ 996,442	$ 911,200
1-Dec-14	120	$ 521,715	1.960	1.000	$ 1,022,574	6,097,603	1.016	0.30	$ 948,215	$ 536,956
1-Dec-15	108	$ 737,666	1.823	1.000	$ 1,345,090	6,296,239	1.018	0.30	$ 1,019,989	$ 756,063
1-Dec-16	96	$ 764,063	1.694	1.000	$ 1,294,027	6,491,408	1.021	0.29	$ 1,120,342	$ 787,561
1-Dec-17	84	$ 434,230	1.572	1.000	$ 682,449	6,420,709	1.027	0.30	$ 1,214,074	$ 465,608
1-Dec-18	72	$ 2,170,682	1.461	1.000	$ 3,172,192	6,710,521	1.032	0.32	$ 1,469,866	$ 2,215,794
1-Dec-19	60	$ 1,254,941	1.360	1.000	$ 1,706,998	5,899,504	1.042	0.33	$ 1,422,473	$ 1,312,250
1-Dec-20	48	$ 1,412,609	1.255	1.000	$ 1,773,148	6,451,170	1.052	0.34	$ 1,744,443	$ 1,499,465
1-Dec-21	36	$ 2,522,556	1.147	1.000	$ 2,893,350	6,680,359	1.068	0.36	$ 2,088,638	$ 2,655,880
1-Dec-22	24	$ 1,468,223	1.070	1.000	$ 1,570,998	6,059,072	1.189	0.37	$ 2,088,933	$ 1,800,641
1-Dec-23	12	$ 2,780,950	1.000	1.000	$ 2,780,950	7,188,384	1.621	0.39	$ 2,813,505	$ 3,859,075
Total		$ 26,893,637			$ 57,696,943	162,827,832			$ 28,354,956	$ 28,808,835

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - Health Care Facilities (Medical))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Payroll (in 00s)	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 620,425	4.461	1.000	$ 2,768,096	8,311,599	1.008	0.42	$ 774,959	$ 626,387
1-Dec-02	264	$ 898,593	4.169	1.000	$ 3,746,893	8,186,343	1.009	0.43	$ 837,185	$ 905,954
1-Dec-03	252	$ 1,220,765	3.897	1.000	$ 4,756,947	8,193,322	1.010	0.43	$ 904,816	$ 1,229,849
1-Dec-04	240	$ 1,261,868	3.642	1.000	$ 4,595,432	8,024,869	1.011	0.42	$ 918,360	$ 1,271,996
1-Dec-05	228	$ 763,576	3.404	1.000	$ 2,598,847	7,890,365	1.012	0.39	$ 899,549	$ 774,385
1-Dec-06	216	$ 925,319	3.181	1.000	$ 2,943,312	7,387,386	1.013	0.37	$ 850,711	$ 936,381
1-Dec-07	204	$ 747,148	2.973	1.000	$ 2,221,099	7,151,599	1.014	0.34	$ 822,584	$ 758,656
1-Dec-08	192	$ 689,795	2.778	1.000	$ 1,916,449	7,795,918	1.016	0.32	$ 899,089	$ 704,142
1-Dec-09	180	$ 734,658	2.643	1.000	$ 1,942,027	7,944,723	1.018	0.31	$ 918,772	$ 751,124
1-Dec-10	168	$ 667,867	2.622	1.000	$ 1,750,954	7,164,242	1.021	0.30	$ 809,607	$ 684,755
1-Dec-11	156	$ 992,547	2.444	1.000	$ 2,425,642	7,343,863	1.025	0.29	$ 873,491	$ 1,014,175
1-Dec-12	144	$ 1,191,842	2.270	1.000	$ 2,705,887	6,666,401	1.031	0.28	$ 823,079	$ 1,216,215
1-Dec-13	132	$ 684,615	2.106	1.000	$ 1,442,023	6,472,234	1.037	0.26	$ 790,602	$ 712,602
1-Dec-14	120	$ 485,571	1.960	1.000	$ 951,730	6,097,603	1.045	0.24	$ 731,381	$ 517,360
1-Dec-15	108	$ 697,546	1.823	1.000	$ 1,271,935	6,296,239	1.053	0.22	$ 750,983	$ 735,181
1-Dec-16	96	$ 526,401	1.694	1.000	$ 891,519	6,491,408	1.061	0.20	$ 763,256	$ 570,404
1-Dec-17	84	$ 395,842	1.572	1.000	$ 622,117	6,420,709	1.075	0.18	$ 753,203	$ 448,375
1-Dec-18	72	$ 816,855	1.461	1.000	$ 1,193,736	6,710,521	1.092	0.18	$ 807,820	$ 884,745
1-Dec-19	60	$ 338,785	1.360	1.000	$ 460,823	5,899,504	1.135	0.16	$ 712,604	$ 423,778
1-Dec-20	48	$ 571,134	1.255	1.000	$ 716,904	6,451,170	1.189	0.16	$ 812,867	$ 700,387
1-Dec-21	36	$ 850,111	1.147	1.000	$ 975,070	6,680,359	1.284	0.15	$ 894,774	$ 1,047,919
1-Dec-22	24	$ 145,320	1.070	1.000	$ 155,492	6,059,072	1.590	0.14	$ 808,714	$ 445,325
1-Dec-23	12	$ 102,245	1.000	1.000	$ 102,245	7,188,384	4.308	0.14	$ 1,001,852	$ 871,551
Total		$ 16,328,829			$ 43,155,179	162,827,832			$ 19,160,256	$ 18,231,646

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - Health Care Facilities (Medical))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Reported Claims	(4) Claim CDF	(5) Ultimate Claims	(6) Severity LDF	(7) Reported Severity	(8) Ultimate Reported Severity	(9) Unreported Claims	(10) Ultimate Unreported Severity	(11) Ultimate Loss
Prior	288	7,414	1.000	7,414	1.002	$ 1,859	$ 1,863	0	$ 1,817	$ 13,809,576
1-Dec-01	276	490	1.000	490	1.002	$ 1,266	$ 1,269	0	$ 1,916	$ 621,795
1-Dec-02	264	514	1.000	514	1.002	$ 1,783	$ 1,787	0	$ 2,040	$ 918,581
1-Dec-03	252	593	1.000	593	1.003	$ 2,235	$ 2,242	0	$ 2,182	$ 1,329,390
1-Dec-04	240	518	1.000	518	1.004	$ 2,436	$ 2,446	0	$ 2,329	$ 1,267,194
1-Dec-05	228	510	1.000	510	1.005	$ 1,497	$ 1,505	0	$ 2,474	$ 767,565
1-Dec-06	216	318	1.000	318	1.006	$ 2,910	$ 2,928	0	$ 2,709	$ 931,083
1-Dec-07	204	274	1.000	274	1.007	$ 2,727	$ 2,747	0	$ 2,975	$ 752,555
1-Dec-08	192	280	1.000	280	1.008	$ 2,480	$ 2,501	0	$ 3,308	$ 700,207
1-Dec-09	180	214	1.000	214	1.009	$ 6,250	$ 6,307	0	$ 3,710	$ 1,349,799
1-Dec-10	168	202	1.000	202	1.010	$ 3,369	$ 3,403	0	$ 3,887	$ 687,482
1-Dec-11	156	169	1.000	169	1.011	$ 5,911	$ 5,978	0	$ 4,405	$ 1,010,255
1-Dec-12	144	143	1.000	143	1.012	$ 11,590	$ 11,733	0	$ 4,955	$ 1,677,791
1-Dec-13	132	158	1.000	158	1.014	$ 5,678	$ 5,759	0	$ 5,207	$ 909,980
1-Dec-14	120	158	1.000	158	1.016	$ 3,302	$ 3,356	0	$ 5,389	$ 530,238
1-Dec-15	108	176	1.000	176	1.018	$ 4,191	$ 4,268	0	$ 5,694	$ 751,215
1-Dec-16	96	167	1.000	167	1.021	$ 4,575	$ 4,673	0	$ 6,140	$ 780,432
1-Dec-17	84	180	1.000	180	1.027	$ 2,412	$ 2,476	0	$ 6,754	$ 445,751
1-Dec-18	72	159	1.001	159	1.031	$ 13,652	$ 14,070	0	$ 7,851	$ 2,237,175
1-Dec-19	60	223	1.002	223	1.040	$ 5,628	$ 5,852	0	$ 8,568	$ 1,305,012
1-Dec-20	48	171	1.003	172	1.049	$ 8,261	$ 8,668	1	$ 9,834	$ 1,492,012
1-Dec-21	36	174	1.006	175	1.062	$ 14,497	$ 15,393	1	$ 11,654	$ 2,690,108
1-Dec-22	24	136	1.010	137	1.177	$ 10,796	$ 12,711	1	$ 13,240	$ 1,741,973
1-Dec-23	12	125	1.044	130	1.553	$ 22,248	$ 34,558	5	$ 15,424	$ 4,396,916
Total		13,466		13,474				8		$ 43,104,083

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 620,425	1.002	0.15	1.000	0.15	$ 648,814	0.002	$ 1,430	$ 621,855
1-Dec-02	$ 9,500,000	$ 916,557	1.002	0.16	1.000	0.15	$ 683,769	0.002	$ 1,507	$ 918,063
1-Dec-03	Various	$ 1,325,127	1.003	0.16	1.000	0.16	$ 732,304	0.003	$ 2,348	$ 1,327,475
1-Dec-04	Unlimited	$ 1,261,868	1.004	0.17	1.000	0.17	$ 767,456	0.004	$ 3,225	$ 1,265,093
1-Dec-05	Unlimited	$ 763,576	1.005	0.17	1.000	0.17	$ 807,414	0.005	$ 4,196	$ 767,772
1-Dec-06	Unlimited	$ 925,319	1.006	0.18	1.000	0.18	$ 808,861	0.006	$ 5,008	$ 930,327
1-Dec-07	Unlimited	$ 747,148	1.007	0.19	1.000	0.19	$ 837,857	0.007	$ 6,019	$ 753,167
1-Dec-08	Unlimited	$ 694,482	1.008	0.19	1.000	0.19	$ 977,277	0.008	$ 7,990	$ 702,472
1-Dec-09	Unlimited	$ 1,337,426	1.009	0.20	1.000	0.20	$ 1,046,735	0.009	$ 9,595	$ 1,347,021
1-Dec-10	Unlimited	$ 680,500	1.010	0.19	1.000	0.19	$ 951,729	0.010	$ 9,666	$ 690,166
1-Dec-11	Unlimited	$ 998,995	1.011	0.20	1.000	0.20	$ 1,046,591	0.011	$ 11,665	$ 1,010,660
1-Dec-12	Unlimited	$ 1,657,434	1.012	0.21	1.000	0.21	$ 1,022,653	0.012	$ 12,408	$ 1,669,842
1-Dec-13	Unlimited	$ 897,145	1.014	0.22	1.000	0.22	$ 1,070,180	0.014	$ 15,095	$ 912,240
1-Dec-14	Unlimited	$ 521,715	1.016	0.23	1.000	0.23	$ 1,083,492	0.016	$ 17,415	$ 539,130
1-Dec-15	Unlimited	$ 737,666	1.018	0.24	1.000	0.24	$ 1,202,589	0.018	$ 21,691	$ 759,356
1-Dec-16	Unlimited	$ 764,063	1.021	0.25	1.000	0.25	$ 1,334,912	0.021	$ 27,998	$ 792,061
1-Dec-17	Unlimited	$ 434,230	1.027	0.26	1.000	0.26	$ 1,422,856	0.026	$ 36,773	$ 471,004
1-Dec-18	Unlimited	$ 2,170,682	1.032	0.28	1.000	0.28	$ 1,599,266	0.031	$ 49,083	$ 2,219,765
1-Dec-19	Unlimited	$ 1,254,941	1.042	0.29	1.000	0.29	$ 1,510,545	0.040	$ 60,857	$ 1,315,798
1-Dec-20	Unlimited	$ 1,412,609	1.052	0.30	1.000	0.30	$ 1,789,959	0.050	$ 89,123	$ 1,501,731
1-Dec-21	Unlimited	$ 2,522,556	1.068	0.32	1.000	0.32	$ 2,028,465	0.064	$ 129,483	$ 2,652,039
1-Dec-22	Unlimited	$ 1,468,223	1.189	0.33	1.000	0.33	$ 1,972,196	0.159	$ 313,842	$ 1,782,065
1-Dec-23	Unlimited	$ 2,780,950	1.621	0.35	1.000	0.35	$ 2,503,566	0.383	$ 959,357	$ 3,740,307
Total		$ 26,893,637					$ 27,849,485		$ 1,795,774	$ 28,689,411

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 620,425	1.008	0.15	1.000	0.15	$ 648,814	0.008	$ 4,991	$ 625,416
1-Dec-02	$ 9,500,000	$ 898,593	1.009	0.16	1.000	0.15	$ 683,769	0.009	$ 6,012	$ 904,605
1-Dec-03	Various	$ 1,220,765	1.010	0.16	1.000	0.16	$ 732,304	0.010	$ 7,352	$ 1,228,117
1-Dec-04	Unlimited	$ 1,261,868	1.011	0.17	1.000	0.17	$ 767,456	0.011	$ 8,464	$ 1,270,332
1-Dec-05	Unlimited	$ 763,576	1.012	0.17	1.000	0.17	$ 807,414	0.012	$ 9,702	$ 773,278
1-Dec-06	Unlimited	$ 925,319	1.013	0.18	1.000	0.18	$ 808,861	0.013	$ 10,518	$ 935,837
1-Dec-07	Unlimited	$ 747,148	1.014	0.19	1.000	0.19	$ 837,857	0.014	$ 11,721	$ 758,870
1-Dec-08	Unlimited	$ 689,795	1.016	0.19	1.000	0.19	$ 977,277	0.016	$ 15,595	$ 705,390
1-Dec-09	Unlimited	$ 734,658	1.018	0.20	1.000	0.20	$ 1,046,735	0.018	$ 18,759	$ 753,418
1-Dec-10	Unlimited	$ 667,867	1.021	0.19	1.000	0.19	$ 951,729	0.021	$ 19,852	$ 687,720
1-Dec-11	Unlimited	$ 992,547	1.025	0.20	1.000	0.20	$ 1,046,591	0.025	$ 25,914	$ 1,018,461
1-Dec-12	Unlimited	$ 1,191,842	1.031	0.21	1.000	0.21	$ 1,022,653	0.030	$ 30,283	$ 1,222,124
1-Dec-13	Unlimited	$ 684,615	1.037	0.22	1.000	0.22	$ 1,070,180	0.035	$ 37,884	$ 722,499
1-Dec-14	Unlimited	$ 485,571	1.045	0.23	1.000	0.23	$ 1,083,492	0.043	$ 47,093	$ 532,664
1-Dec-15	Unlimited	$ 697,546	1.053	0.24	1.000	0.24	$ 1,202,589	0.050	$ 60,266	$ 757,812
1-Dec-16	Unlimited	$ 526,401	1.061	0.25	1.000	0.25	$ 1,334,912	0.058	$ 76,961	$ 603,362
1-Dec-17	Unlimited	$ 395,842	1.075	0.26	1.000	0.26	$ 1,422,856	0.070	$ 99,238	$ 495,080
1-Dec-18	Unlimited	$ 816,855	1.092	0.28	1.000	0.28	$ 1,599,266	0.084	$ 134,405	$ 951,260
1-Dec-19	Unlimited	$ 338,785	1.135	0.29	1.000	0.29	$ 1,510,545	0.119	$ 180,164	$ 518,949
1-Dec-20	Unlimited	$ 571,134	1.189	0.30	1.000	0.30	$ 1,789,959	0.159	$ 284,620	$ 855,754
1-Dec-21	Unlimited	$ 850,111	1.284	0.32	1.000	0.32	$ 2,028,465	0.221	$ 448,433	$ 1,298,544
1-Dec-22	Unlimited	$ 145,320	1.590	0.33	1.000	0.33	$ 1,972,196	0.371	$ 731,617	$ 876,937
1-Dec-23	Unlimited	$ 102,245	4.308	0.35	1.000	0.35	$ 2,503,566	0.768	$ 1,922,448	$ 2,024,694
Total		$ 16,328,829					$ 27,849,485		$ 4,192,292	$ 20,521,121

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred LDF's Unlimited	Incurred LDF's Limited	Paid LDF's Unlimited	Paid LDF's Limited	Claim CDF	Trend Factors Loss	Trend Factors Exposure	Payroll (in 00s)
Prior	1.002	1.002	1.007	1.007	1.000	4.774	1.945	-
1-Dec-01	1.002	1.002	1.008	1.008	1.000	4.461	1.911	4,348,459
1-Dec-02	1.002	1.002	1.009	1.009	1.000	4.169	1.856	4,411,415
1-Dec-03	1.003	1.003	1.010	1.010	1.000	3.897	1.806	4,536,443
1-Dec-04	1.004	1.004	1.011	1.011	1.000	3.642	1.749	4,587,757
1-Dec-05	1.005	1.005	1.012	1.012	1.000	3.404	1.698	4,646,188
1-Dec-06	1.006	1.006	1.013	1.013	1.000	3.181	1.649	4,480,513
1-Dec-07	1.007	1.007	1.014	1.014	1.000	2.973	1.605	4,456,640
1-Dec-08	1.008	1.008	1.016	1.016	1.000	2.778	1.554	5,016,244
1-Dec-09	1.009	1.009	1.018	1.018	1.000	2.643	1.509	5,265,352
1-Dec-10	1.010	1.010	1.021	1.021	1.000	2.622	1.465	4,890,532
1-Dec-11	1.011	1.011	1.025	1.025	1.000	2.444	1.426	5,150,838
1-Dec-12	1.012	1.012	1.031	1.031	1.000	2.270	1.381	4,827,828
1-Dec-13	1.014	1.014	1.037	1.037	1.000	2.106	1.341	4,827,828
1-Dec-14	1.016	1.016	1.045	1.045	1.000	1.960	1.302	4,684,830
1-Dec-15	1.018	1.018	1.053	1.053	1.000	1.823	1.267	4,970,309
1-Dec-16	1.021	1.021	1.061	1.061	1.000	1.694	1.227	5,291,126
1-Dec-17	1.027	1.027	1.075	1.075	1.000	1.572	1.191	5,390,504
1-Dec-18	1.032	1.032	1.092	1.092	1.001	1.461	1.156	5,802,830
1-Dec-19	1.042	1.042	1.135	1.135	1.002	1.360	1.126	5,241,633
1-Dec-20	1.052	1.052	1.189	1.189	1.003	1.255	1.090	5,918,294
1-Dec-21	1.068	1.068	1.284	1.284	1.006	1.147	1.058	6,312,408
1-Dec-22	1.189	1.189	1.590	1.590	1.010	1.070	1.027	5,897,102
1-Dec-23	1.621	1.621	4.308	4.308	1.044	1.000	1.000	7,188,384

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**0.36**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					
States Selected for WC :	**IL**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends, California Indicies, Benefit Level Adjustment Factors
Column (8) : Flat 3.00%
Column (9) : supplied by Cook County, Illinois

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 13,781,579	$ 13,448,281	$ 333,298	Various	-	$ -	-	$ -	$ 13,781,579	$ 13,448,281	$ 333,298
1-Dec-01	$ 620,425	$ 620,425	$ -	$ 9,500,000	-	$ -	-	$ -	$ 620,425	$ 620,425	$ -
1-Dec-02	$ 916,557	$ 898,593	$ 17,963	$ 9,500,000	-	$ -	-	$ -	$ 916,557	$ 898,593	$ 17,963
1-Dec-03	$ 1,325,127	$ 1,220,765	$ 104,362	Various	-	$ -	-	$ -	$ 1,325,127	$ 1,220,765	$ 104,362
1-Dec-04	$ 1,261,868	$ 1,261,868	$ -	Unlimited	-	$ -	-	$ -	$ 1,261,868	$ 1,261,868	$ -
1-Dec-05	$ 763,576	$ 763,576	$ -	Unlimited	-	$ -	-	$ -	$ 763,576	$ 763,576	$ -
1-Dec-06	$ 925,319	$ 925,319	$ -	Unlimited	-	$ -	-	$ -	$ 925,319	$ 925,319	$ -
1-Dec-07	$ 747,148	$ 747,148	$ -	Unlimited	-	$ -	-	$ -	$ 747,148	$ 747,148	$ -
1-Dec-08	$ 694,482	$ 689,795	$ 4,687	Unlimited	-	$ -	-	$ -	$ 694,482	$ 689,795	$ 4,687
1-Dec-09	$ 1,337,426	$ 734,658	$ 602,768	Unlimited	-	$ -	-	$ -	$ 1,337,426	$ 734,658	$ 602,768
1-Dec-10	$ 680,500	$ 667,867	$ 12,633	Unlimited	-	$ -	-	$ -	$ 680,500	$ 667,867	$ 12,633
1-Dec-11	$ 998,995	$ 992,547	$ 6,448	Unlimited	-	$ -	-	$ -	$ 998,995	$ 992,547	$ 6,448
1-Dec-12	$ 1,657,434	$ 1,191,842	$ 465,593	Unlimited	-	$ -	-	$ -	$ 1,657,434	$ 1,191,842	$ 465,593
1-Dec-13	$ 897,145	$ 684,615	$ 212,530	Unlimited	-	$ -	-	$ -	$ 897,145	$ 684,615	$ 212,530
1-Dec-14	$ 521,715	$ 485,571	$ 36,145	Unlimited	-	$ -	-	$ -	$ 521,715	$ 485,571	$ 36,145
1-Dec-15	$ 737,666	$ 697,546	$ 40,119	Unlimited	-	$ -	-	$ -	$ 737,666	$ 697,546	$ 40,119
1-Dec-16	$ 764,063	$ 526,401	$ 237,662	Unlimited	-	$ -	-	$ -	$ 764,063	$ 526,401	$ 237,662
1-Dec-17	$ 434,230	$ 395,842	$ 38,388	Unlimited	-	$ -	-	$ -	$ 434,230	$ 395,842	$ 38,388
1-Dec-18	$ 2,170,682	$ 816,855	$ 1,353,827	Unlimited	-	$ -	-	$ -	$ 2,170,682	$ 816,855	$ 1,353,827
1-Dec-19	$ 1,254,941	$ 338,785	$ 916,156	Unlimited	-	$ -	-	$ -	$ 1,254,941	$ 338,785	$ 916,156
1-Dec-20	$ 1,412,609	$ 571,134	$ 841,475	Unlimited	-	$ -	-	$ -	$ 1,412,609	$ 571,134	$ 841,475
1-Dec-21	$ 2,522,556	$ 850,111	$ 1,672,445	Unlimited	-	$ -	-	$ -	$ 2,522,556	$ 850,111	$ 1,672,445
1-Dec-22	$ 1,468,223	$ 145,320	$ 1,322,903	Unlimited	-	$ -	-	$ -	$ 1,468,223	$ 145,320	$ 1,322,903
1-Dec-23	$ 2,780,950	$ 102,245	$ 2,678,705	Unlimited	-	$ -	-	$ -	$ 2,780,950	$ 102,245	$ 2,678,705
Total	$ 40,675,216	$ 29,777,110	$ 10,898,107		-	$ -	-	$ -	$ 40,675,216	$ 29,777,110	$ 10,898,107

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]

AON

Exhibit 11

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Payroll (in 00s)	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	8,311,599	490	1.000	490	1.000	490	0.00590%		490	490	0.00590%
1-Dec-02	8,186,343	514	1.000	514	1.000	514	0.00628%		514	514	0.00628%
1-Dec-03	8,193,322	593	1.000	593	1.000	593	0.00724%		593	593	0.00724%
1-Dec-04	8,024,869	518	1.000	518	1.000	518	0.00645%		518	518	0.00645%
1-Dec-05	7,890,365	510	1.000	510	1.000	510	0.00646%		510	510	0.00646%
1-Dec-06	7,387,386	318	1.000	318	1.000	318	0.00430%		318	318	0.00430%
1-Dec-07	7,151,599	274	1.000	274	1.000	274	0.00383%		274	274	0.00383%
1-Dec-08	7,795,918	280	1.000	280	1.000	280	0.00359%		280	280	0.00359%
1-Dec-09	7,944,723	214	1.000	214	1.000	214	0.00269%		214	214	0.00269%
1-Dec-10	7,164,242	202	1.000	202	1.000	202	0.00282%		202	202	0.00282%
1-Dec-11	7,343,863	169	1.000	169	1.000	169	0.00230%		169	169	0.00230%
1-Dec-12	6,666,401	143	1.000	143	1.000	143	0.00215%		143	143	0.00215%
1-Dec-13	6,472,234	158	1.000	158	1.000	158	0.00244%		158	158	0.00244%
1-Dec-14	6,097,603	158	1.000	158	1.000	158	0.00259%		158	158	0.00259%
1-Dec-15	6,296,239	176	1.000	176	1.000	176	0.00280%		176	176	0.00280%
1-Dec-16	6,491,408	167	1.000	167	1.000	167	0.00257%		167	167	0.00257%
1-Dec-17	6,420,709	180	1.000	180	1.000	180	0.00280%		180	180	0.00280%
1-Dec-18	6,710,521	159	1.001	159	1.000	159	0.00237%		159	159	0.00237%
1-Dec-19	5,899,504	223	1.002	223	1.000	223	0.00379%		223	223	0.00379%
1-Dec-20	6,451,170	171	1.003	172	1.000	172	0.00266%		172	172	0.00266%
1-Dec-21	6,680,359	174	1.006	175	1.000	175	0.00262%		175	175	0.00262%
1-Dec-22	6,059,072	136	1.010	137	1.000	137	0.00227%		137	137	0.00227%
1-Dec-23	7,188,384	125	1.044	130	1.000	130	0.00181%		130	130	0.00181%
Total	162,827,832	6,052		6,061		6,061	0.00372%		6,061	6,060	0.00372%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	32,278,489	838	0.00260%	838	0.00260%
Last 3 Policies	19,927,815	443	0.00222%	443	0.00222%
Last 2 Policies	13,247,457	268	0.00202%	268	0.00202%
Last 23 Policies	162,827,832	6,061	0.00372%	6,061	0.00372%

Selected Bornhuetter-Ferguson Frequency Rate	**0.00275%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	0.968
Selected Frequency Rate adjusted to the Renewal Policy Period Level	0.00266%
Payroll for 1-Dec-24	7,515,922
Projected Count for 1-Dec-24	200

AON

Exhibit 12

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)
Workers Compensation - Health Care Facilities (Medical) Experience @ 11/30/24
Losses Limited to Retentions

Policy Period Inception	(1) Incurred Loss	(2) Selected Ultimate Loss	(3) Loss Trend Factor	(4) Retention Adjustment Factor	(5) Trended Ultimate Loss	(6) Payroll (in 00s)	(7) Exposure Trend Factor	(8) Trended Payroll (in 00s)	(9) Trended Loss Rate
1-Dec-01	620,425	620,425	4.774	1.000	2,961,863	4,348,459	1.974	8,582,060	0.35
1-Dec-02	916,557	919,000	4.461	1.000	4,100,222	4,411,415	1.916	8,452,728	0.49
1-Dec-03	1,325,127	1,329,000	4.169	1.000	5,541,214	4,536,443	1.865	8,459,934	0.65
1-Dec-04	1,261,868	1,261,868	3.897	1.000	4,917,113	4,587,757	1.806	8,286,000	0.59
1-Dec-05	763,576	763,576	3.642	1.000	2,780,766	4,646,188	1.754	8,147,119	0.34
1-Dec-06	925,319	925,319	3.404	1.000	3,149,343	4,480,513	1.702	7,627,773	0.41
1-Dec-07	747,148	747,148	3.181	1.000	2,376,576	4,456,640	1.657	7,384,314	0.32
1-Dec-08	694,482	695,000	2.973	1.000	2,066,074	5,016,244	1.605	8,049,600	0.26
1-Dec-09	1,337,426	1,360,000	2.828	1.000	3,846,738	5,265,352	1.558	8,203,246	0.47
1-Dec-10	680,500	684,000	2.805	1.000	1,918,777	4,890,532	1.513	7,397,369	0.26
1-Dec-11	998,995	1,010,000	2.615	1.000	2,641,075	5,150,838	1.472	7,582,834	0.35
1-Dec-12	1,657,434	1,689,000	2.429	1.000	4,103,028	4,827,828	1.426	6,883,328	0.60
1-Dec-13	897,145	940,000	2.254	1.000	2,118,542	4,827,828	1.384	6,682,843	0.32
1-Dec-14	521,715	540,000	2.097	1.000	1,132,501	4,684,830	1.344	6,296,020	0.18
1-Dec-15	737,666	760,000	1.951	1.000	1,482,823	4,970,309	1.308	6,501,120	0.23
1-Dec-16	764,063	790,000	1.812	1.000	1,431,611	5,291,126	1.267	6,702,641	0.21
1-Dec-17	434,230	460,000	1.682	1.000	773,556	5,390,504	1.230	6,629,641	0.12
1-Dec-18	2,170,682	2,220,000	1.564	1.000	3,471,362	5,802,830	1.194	6,928,883	0.50
1-Dec-19	1,254,941	1,300,000	1.455	1.000	1,892,069	5,241,633	1.162	6,091,475	0.31
1-Dec-20	1,412,609	1,500,000	1.343	1.000	2,014,643	5,918,294	1.126	6,661,092	0.30
1-Dec-21	2,522,556	2,700,000	1.227	1.000	3,313,658	6,312,408	1.093	6,897,739	0.48
1-Dec-22	1,468,223	1,600,000	1.145	1.000	1,831,840	5,897,102	1.061	6,256,236	0.29
1-Dec-23	2,780,950	3,400,000	1.070	1.000	3,638,000	7,188,384	1.033	7,422,296	0.49
All Year Weighted Average					63,503,394			168,126,291	0.38
Latest 5-Year Weighted Average					12,690,210			33,328,838	0.38
Latest 3-Year Weighted Average					8,783,498			20,576,271	0.43
SELECTED									**0.36**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Workers Compensation - Health Care Facilities (Medical)
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Payroll (in 00s)	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	Unlimited	7,515,922	200	0.36	2,700,000
1-Dec-25	Unlimited	7,741,400	200	0.37	2,900,000
1-Dec-26	Unlimited	7,973,642	200	0.38	3,000,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Average : $3,126 sigma = 2.192
CV : 11.00 mu = 5.646

Limitation of Incurred LDF's for Workers Compensation - Health Care Facilities (Medical)

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.002	1.000	9,500,000	4.755	2.563	1.000	0.995	3,119	9,519,358	4.756	2.564	1.000	0.995	3,119	1.002
276	1.002	1.000	9,500,000	4.755	2.563	1.000	0.995	3,119	9,521,041	4.756	2.564	1.000	0.995	3,119	1.002
264	1.002	1.000	9,500,000	4.755	2.563	1.000	0.995	3,119	9,521,041	4.756	2.564	1.000	0.995	3,119	1.002
252	1.003	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,003,217,058	6.881	4.689	1.000	1.000	3,126	1.003
240	1.004	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,004,220,275	6.881	4.689	1.000	1.000	3,126	1.004
228	1.005	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,005,224,495	6.882	4.690	1.000	1.000	3,126	1.005
216	1.006	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,006,229,719	6.882	4.690	1.000	1.000	3,126	1.006
204	1.007	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,007,235,949	6.882	4.691	1.000	1.000	3,126	1.007
192	1.008	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,008,243,185	6.883	4.691	1.000	1.000	3,126	1.008
180	1.009	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,009,251,428	6.883	4.692	1.000	1.000	3,126	1.009
168	1.010	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,010,260,680	6.884	4.692	1.000	1.000	3,126	1.010
156	1.011	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,011,270,940	6.884	4.692	1.000	1.000	3,126	1.011
144	1.012	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,012,282,211	6.885	4.693	1.000	1.000	3,126	1.012
132	1.014	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,014,306,776	6.886	4.694	1.000	1.000	3,126	1.014
120	1.016	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,016,335,389	6.887	4.695	1.000	1.000	3,126	1.016
108	1.018	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,018,368,060	6.887	4.696	1.000	1.000	3,126	1.018
96	1.021	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,021,423,164	6.889	4.697	1.000	1.000	3,126	1.021
84	1.027	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,026,530,280	6.891	4.699	1.000	1.000	3,126	1.027
72	1.032	1.001	999,999,999	6.879	4.687	1.000	1.000	3,126	1,030,632,299	6.893	4.701	1.000	1.000	3,126	1.032
60	1.042	1.002	999,999,999	6.879	4.687	1.000	1.000	3,126	1,039,898,723	6.897	4.705	1.000	1.000	3,126	1.042
48	1.052	1.003	999,999,999	6.879	4.687	1.000	1.000	3,126	1,049,248,462	6.901	4.709	1.000	1.000	3,126	1.052
36	1.068	1.006	999,999,999	6.879	4.687	1.000	1.000	3,126	1,061,801,784	6.906	4.715	1.000	1.000	3,126	1.068
24	1.189	1.010	999,999,999	6.879	4.687	1.000	1.000	3,126	1,177,432,364	6.954	4.762	1.000	1.000	3,126	1.189
12	1.621	1.044	999,999,999	6.879	4.687	1.000	1.000	3,126	1,553,352,216	7.080	4.888	1.000	1.000	3,126	1.621

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)

Average : $3,126 sigma = 2.192
CV : 11.00 mu = 5.646

Limitation of Paid LDF's for Workers Compensation - Health Care Facilities (Medical)

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.007	1.000	9,500,000	4.755	2.563	1.000	0.995	3,119	9,564,298	4.758	2.566	1.000	0.995	3,119	1.007
276	1.008	1.000	9,500,000	4.755	2.563	1.000	0.995	3,119	9,573,876	4.758	2.566	1.000	0.995	3,119	1.008
264	1.009	1.000	9,500,000	4.755	2.563	1.000	0.995	3,119	9,584,518	4.759	2.567	1.000	0.995	3,119	1.009
252	1.010	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,010,141,382	6.884	4.692	1.000	1.000	3,126	1.010
240	1.011	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,011,151,524	6.884	4.692	1.000	1.000	3,126	1.011
228	1.012	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,012,162,675	6.885	4.693	1.000	1.000	3,126	1.012
216	1.013	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,013,174,838	6.885	4.693	1.000	1.000	3,126	1.013
204	1.014	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,014,188,013	6.886	4.694	1.000	1.000	3,126	1.014
192	1.016	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,016,216,389	6.886	4.695	1.000	1.000	3,126	1.016
180	1.018	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,018,248,821	6.887	4.696	1.000	1.000	3,126	1.018
168	1.021	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,021,303,568	6.889	4.697	1.000	1.000	3,126	1.021
156	1.025	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,025,388,782	6.891	4.699	1.000	1.000	3,126	1.025
144	1.031	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,030,515,726	6.893	4.701	1.000	1.000	3,126	1.031
132	1.037	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,036,698,820	6.896	4.704	1.000	1.000	3,126	1.037
120	1.045	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,045,439,280	6.899	4.708	1.000	1.000	3,126	1.045
108	1.053	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,052,757,355	6.903	4.711	1.000	1.000	3,126	1.053
96	1.061	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,061,179,413	6.906	4.714	1.000	1.000	3,126	1.061
84	1.075	1.000	999,999,999	6.879	4.687	1.000	1.000	3,126	1,074,974,746	6.912	4.720	1.000	1.000	3,126	1.075
72	1.092	1.001	999,999,999	6.879	4.687	1.000	1.000	3,126	1,090,661,901	6.919	4.727	1.000	1.000	3,126	1.092
60	1.135	1.002	999,999,999	6.879	4.687	1.000	1.000	3,126	1,133,155,221	6.936	4.744	1.000	1.000	3,126	1.135
48	1.189	1.003	999,999,999	6.879	4.687	1.000	1.000	3,126	1,185,513,761	6.957	4.765	1.000	1.000	3,126	1.189
36	1.284	1.006	999,999,999	6.879	4.687	1.000	1.000	3,126	1,276,140,646	6.990	4.799	1.000	1.000	3,126	1.284
24	1.590	1.010	999,999,999	6.879	4.687	1.000	1.000	3,126	1,573,942,580	7.086	4.894	1.000	1.000	3,126	1.590
12	4.308	1.044	999,999,999	6.879	4.687	1.000	1.000	3,126	4,127,735,199	7.526	5.334	1.000	1.000	3,126	4.308

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid		Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	99.3%	300	99.5%	$ 366,719	$ 36,672	*	$ 330,047	0.877	$ 289,345
1-Dec-01	276	99.2%	288	99.3%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-02	264	99.1%	276	99.2%	$ 20,407	$ 2,041	*	$ 18,366	0.860	$ 15,790
1-Dec-03	252	99.0%	264	99.1%	$ 108,235	$ 10,823	*	$ 97,411	0.845	$ 82,330
1-Dec-04	240	98.9%	252	99.0%	$ -	$ -	*	$ -	0.832	$ -
1-Dec-05	228	98.8%	240	98.9%	$ -	$ -	*	$ -	0.816	$ -
1-Dec-06	216	98.7%	228	98.8%	$ -	$ -	*	$ -	0.800	$ -
1-Dec-07	204	98.6%	216	98.7%	$ -	$ -	*	$ -	0.784	$ -
1-Dec-08	192	98.4%	204	98.6%	$ 5,205	$ 521	*	$ 4,685	0.769	$ 3,605
1-Dec-09	180	98.2%	192	98.4%	$ 625,342	$ 62,534	*	$ 562,808	0.769	$ 432,735
1-Dec-10	168	97.9%	180	98.2%	$ 16,133	$ 1,613	*	$ 14,519	0.765	$ 11,108
1-Dec-11	156	97.5%	168	97.9%	$ 17,453	$ 1,745	*	$ 15,707	0.769	$ 12,086
1-Dec-12	144	97.0%	156	97.5%	$ 497,158	$ 49,716	*	$ 447,443	0.777	$ 347,723
1-Dec-13	132	96.5%	144	97.0%	$ 255,385	$ 25,538	*	$ 229,846	0.785	$ 180,384
1-Dec-14	120	95.7%	132	96.5%	$ 54,429	$ 5,443	*	$ 48,986	0.791	$ 38,742
1-Dec-15	108	95.0%	120	95.7%	$ 62,454	$ 6,245	*	$ 56,208	0.801	$ 45,002
1-Dec-16	96	94.2%	108	95.0%	$ 263,599	$ 26,360	*	$ 237,239	0.797	$ 189,102
1-Dec-17	84	93.0%	96	94.2%	$ 64,158	$ 6,416	*	$ 57,742	0.794	$ 45,832
1-Dec-18	72	91.6%	84	93.0%	$ 1,403,145	$ 140,315	*	$ 1,262,831	0.800	$ 1,010,537
1-Dec-19	60	88.1%	72	91.6%	$ 961,215	$ 96,121	*	$ 865,093	0.805	$ 696,108
1-Dec-20	48	84.1%	60	88.1%	$ 928,866	$ 92,887	*	$ 835,980	0.834	$ 697,337
1-Dec-21	36	77.9%	48	84.1%	$ 1,849,889	$ 184,989	*	$ 1,664,900	0.846	$ 1,408,488
1-Dec-22	24	62.9%	36	77.9%	$ 1,454,680	$ 145,468	*	$ 1,309,212	0.860	$ 1,125,499
1-Dec-23	12	23.2%	24	62.9%	$ 3,297,755	$ 329,775	*	$ 2,967,979	0.888	$ 2,636,049
1-Dec-24	0	0.0%	12	23.2%	$ 2,700,000	$ 270,000	*	$ 2,430,000	0.919	$ 2,232,663
Total					$ 14,952,226	$ 1,495,223		$ 13,457,004		$ 11,500,467

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 10% per actuarial judgement**

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid		Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	99.5%	312	99.6%	$ 275,501	$ 27,550	*	$ 247,951	0.877	$ 217,422
1-Dec-01	288	99.3%	300	99.5%	$ -	$ -	*	$ -	0.877	$ -
1-Dec-02	276	99.2%	288	99.3%	$ 17,857	$ 1,786	*	$ 16,071	0.876	$ 14,086
1-Dec-03	264	99.1%	276	99.2%	$ 95,068	$ 9,507	*	$ 85,561	0.860	$ 73,562
1-Dec-04	252	99.0%	264	99.1%	$ -	$ -	*	$ -	0.845	$ -
1-Dec-05	240	98.9%	252	99.0%	$ -	$ -	*	$ -	0.832	$ -
1-Dec-06	228	98.8%	240	98.9%	$ -	$ -	*	$ -	0.816	$ -
1-Dec-07	216	98.7%	228	98.8%	$ -	$ -	*	$ -	0.800	$ -
1-Dec-08	204	98.6%	216	98.7%	$ 4,563	$ 322	*	$ 4,242	0.784	$ 3,327
1-Dec-09	192	98.4%	204	98.6%	$ 556,807	$ 55,681	*	$ 501,126	0.769	$ 385,600
1-Dec-10	180	98.2%	192	98.4%	$ 13,861	$ 1,386	*	$ 12,475	0.769	$ 9,592
1-Dec-11	168	97.9%	180	98.2%	$ 14,703	$ 1,470	*	$ 13,233	0.765	$ 10,124
1-Dec-12	156	97.5%	168	97.9%	$ 415,699	$ 41,570	*	$ 374,129	0.769	$ 287,883
1-Dec-13	144	97.0%	156	97.5%	$ 213,631	$ 21,363	*	$ 192,268	0.777	$ 149,418
1-Dec-14	132	96.5%	144	97.0%	$ 44,330	$ 4,433	*	$ 39,897	0.785	$ 31,311
1-Dec-15	120	95.7%	132	96.5%	$ 54,167	$ 5,417	*	$ 48,750	0.791	$ 38,556
1-Dec-16	108	95.0%	120	95.7%	$ 229,130	$ 22,913	*	$ 206,217	0.801	$ 165,103
1-Dec-17	96	94.2%	108	95.0%	$ 53,033	$ 5,303	*	$ 47,730	0.797	$ 38,045
1-Dec-18	84	93.0%	96	94.2%	$ 1,164,462	$ 116,446	*	$ 1,048,016	0.794	$ 831,852
1-Dec-19	72	91.6%	84	93.0%	$ 677,299	$ 67,730	*	$ 609,569	0.800	$ 487,787
1-Dec-20	60	88.1%	72	91.6%	$ 696,730	$ 69,673	*	$ 627,057	0.805	$ 504,569
1-Dec-21	48	84.1%	60	88.1%	$ 1,330,571	$ 133,057	*	$ 1,197,514	0.834	$ 998,913
1-Dec-22	36	77.9%	48	84.1%	$ 866,890	$ 86,689	*	$ 780,201	0.846	$ 660,042
1-Dec-23	24	62.9%	36	77.9%	$ 1,593,149	$ 159,315	*	$ 1,433,834	0.860	$ 1,232,633
1-Dec-24	12	23.2%	24	62.9%	$ 2,073,287	$ 207,329	*	$ 1,865,958	0.888	$ 1,657,275
1-Dec-25	0	0.0%	12	23.2%	$ 2,900,000	$ 290,000	*	$ 2,610,000	0.919	$ 2,398,045
Total					$ 13,290,738	$ 1,328,939		$ 11,961,799		$ 10,195,145

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 10% per actuarial judgement**

Cook County, Illinois
Workers Compensation - Health Care Facilities (Medical)
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid		Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	99.6%	324	99.7%	$ 206,886	$ 20,689	*	$ 186,197	0.877	$ 163,312
1-Dec-01	300	99.5%	312	99.6%	$ -	$ -	*	$ -	0.877	$ -
1-Dec-02	288	99.3%	300	99.5%	$ 15,557	$ 1,556	*	$ 14,001	0.877	$ 12,275
1-Dec-03	276	99.2%	288	99.3%	$ 83,189	$ 8,319	*	$ 74,870	0.876	$ 65,623
1-Dec-04	264	99.1%	276	99.2%	$ -	$ -	*	$ -	0.860	$ -
1-Dec-05	252	99.0%	264	99.1%	$ -	$ -	*	$ -	0.845	$ -
1-Dec-06	240	98.9%	252	99.0%	$ -	$ -	*	$ -	0.832	$ -
1-Dec-07	228	98.8%	240	98.9%	$ -	$ -	*	$ -	0.816	$ -
1-Dec-08	216	98.7%	228	98.8%	$ 4,242	$ 322	*	$ 3,920	0.800	$ 3,135
1-Dec-09	204	98.6%	216	98.7%	$ 488,135	$ 34,405	*	$ 453,730	0.784	$ 355,898
1-Dec-10	192	98.4%	204	98.6%	$ 12,342	$ 1,234	*	$ 11,108	0.769	$ 8,547
1-Dec-11	180	98.2%	192	98.4%	$ 12,633	$ 1,263	*	$ 11,369	0.769	$ 8,742
1-Dec-12	168	97.9%	180	98.2%	$ 350,206	$ 35,021	*	$ 315,185	0.765	$ 241,141
1-Dec-13	156	97.5%	168	97.9%	$ 178,628	$ 17,863	*	$ 160,765	0.769	$ 123,704
1-Dec-14	144	97.0%	156	97.5%	$ 37,082	$ 3,708	*	$ 33,374	0.777	$ 25,936
1-Dec-15	132	96.5%	144	97.0%	$ 44,117	$ 4,412	*	$ 39,705	0.785	$ 31,161
1-Dec-16	120	95.7%	132	96.5%	$ 198,728	$ 19,873	*	$ 178,856	0.791	$ 141,454
1-Dec-17	108	95.0%	120	95.7%	$ 46,099	$ 4,610	*	$ 41,489	0.801	$ 33,217
1-Dec-18	96	94.2%	108	95.0%	$ 962,554	$ 96,255	*	$ 866,299	0.797	$ 690,522
1-Dec-19	84	93.0%	96	94.2%	$ 562,087	$ 56,209	*	$ 505,878	0.794	$ 401,536
1-Dec-20	72	91.6%	84	93.0%	$ 490,936	$ 49,094	*	$ 441,842	0.800	$ 353,569
1-Dec-21	60	88.1%	72	91.6%	$ 998,043	$ 99,804	*	$ 898,238	0.805	$ 722,779
1-Dec-22	48	84.1%	60	88.1%	$ 623,528	$ 62,353	*	$ 561,176	0.834	$ 468,108
1-Dec-23	36	77.9%	48	84.1%	$ 949,408	$ 94,941	*	$ 854,467	0.846	$ 722,870
1-Dec-24	24	62.9%	36	77.9%	$ 1,001,607	$ 100,161	*	$ 901,447	0.860	$ 774,952
1-Dec-25	12	23.2%	24	62.9%	$ 2,226,864	$ 222,686	*	$ 2,004,177	0.888	$ 1,780,036
1-Dec-26	0	0.0%	12	23.2%	$ 3,000,000	$ 300,000	*	$ 2,700,000	0.919	$ 2,480,736
Total					$ 12,492,868	$ 1,234,776		$ 11,258,093		$ 9,609,252

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 10% per actuarial judgement**

Cook County, Illinois

Workers Compensation - Health Care Facilities (Medical)
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)	
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves	
Prior	7/23/1991	1,593,388	1,593,388		-

AON

Cook County, Illinois
Workers' Compensation - Health Care Facilities
Occurrence
Medical
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												15,949	15,949	15,949	15,949	15,949	15,949	15,949	15,949	13,398	13,453	13,793	13,880	13,828
12/1/2001					1,144	1,170	1,164	705	705	702	702	702	702	702	620	621	621	620	620	620	624	620	620	
12/1/2002				1,811	1,787	1,789	1,075	1,071	1,056	1,056	1,058	1,061	1,076	919	920	919	919	919	919	919	917	917		
12/1/2003			1,620	1,633	1,656	999	1,050	1,054	1,076	1,101	1,104	1,430	1,330	1,330	1,329	1,329	1,329	1,329	1,326	1,326	1,326			
12/1/2004		1,817	2,002	2,066	1,427	1,395	1,385	1,437	1,437	1,443	1,443	1,272	1,272	1,318	1,317	1,317	1,317	1,385	1,262	1,262				
12/1/2005	1,393	1,681	1,726	824	893	875	875	877	877	877	764	764	764	764	764	764	764	764	764					
12/1/2006	1,023	1,534	1,102	1,159	1,004	977	985	1,033	1,033	925	925	925	925	925	925	925	925	925						
12/1/2007	954	932	1,062	849	800	828	828	872	777	780	760	751	751	747	747	747	747							
12/1/2008	768	893	693	720	753	794	799	711	721	700	696	698	694	694	694	694								
12/1/2009	429	480	690	691	741	778	775	744	789	778	778	1,074	1,164	1,339	1,337									
12/1/2010	442	676	762	778	787	763	706	689	691	691	682	682	680	680										
12/1/2011	367	722	869	1,104	1,004	991	1,170	1,037	1,031	989	1,001	1,002	1,002											
12/1/2012	385	769	977	969	979	1,235	1,230	1,333	1,302	1,656	1,656	1,671												
12/1/2013	608	1,088	886	736	700	698	685	692	991	992	897													
12/1/2014	758	615	536	499	533	573	549	547	534	527														
12/1/2015	1,379	1,037	947	883	868	795	780	739	739															
12/1/2016	1,400	1,227	932	849	733	778	733	766																
12/1/2017	926	803	717	665	706	557	440																	
12/1/2018	1,354	2,285	1,917	2,150	2,060	2,171																		
12/1/2019	1,516	1,385	1,201	1,692	1,255																			
12/1/2020	2,028	1,498	1,445	1,413																				
12/1/2021	1,773	2,872	2,523																					
12/1/2022	2,079	1,470																						
12/1/2023	2,781																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.840	1.004	1.025	1.006	0.996	
12/1/2001					1.023	0.995	0.606	1.000	0.995	1.000	1.000	1.000	1.000	0.884	1.002	1.000	0.998	1.000	1.000	1.006	0.994	1.000		
12/1/2002				0.987	1.001	0.601	0.997	0.986	1.000	1.002	1.003	1.014	0.854	1.001	0.999	1.000	1.000	1.000	1.000	0.998	1.000			
12/1/2003			1.008	1.014	0.603	1.050	1.004	1.021	1.023	1.003	1.295	0.930	1.000	0.999	1.000	1.000	1.000	0.998	1.000	1.000				
12/1/2004		1.102	1.032	0.691	0.977	0.993	1.038	1.000	1.004	1.000	0.882	1.000	1.036	0.999	1.000	1.000	1.052	0.911	1.000					
12/1/2005	1.207	1.027	0.477	1.084	0.980	1.000	1.003	1.000	1.000	0.870	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.500	0.718	1.051	0.866	0.973	1.008	1.050	1.000	0.895	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	0.977	1.139	0.799	0.942	1.036	1.000	1.053	0.890	1.004	0.974	0.988	1.000	0.995	1.000	1.000	1.000								
12/1/2008	1.164	0.775	1.040	1.045	1.055	1.006	0.890	1.014	0.971	0.994	1.002	0.995	1.000	1.000	1.000									
12/1/2009	1.120	1.437	1.001	1.072	1.051	0.996	0.960	1.060	0.986	1.000	1.381	1.084	1.150	0.999										
12/1/2010	1.528	1.127	1.020	1.012	0.970	0.925	0.976	1.003	1.000	0.986	1.000	0.998	1.000											
12/1/2011	1.966	1.203	1.270	0.910	0.987	1.180	0.886	0.994	0.960	1.012	1.001	1.000												
12/1/2012	1.996	1.270	0.991	1.011	1.261	0.996	1.084	0.977	1.272	1.000	1.009													
12/1/2013	1.790	0.814	0.831	0.951	0.997	0.981	1.010	1.433	1.001	0.905														
12/1/2014	0.812	0.872	0.930	1.070	1.074	0.958	0.996	0.978	0.986															
12/1/2015	0.752	0.913	0.932	0.984	0.916	0.980	0.947	1.000																
12/1/2016	0.876	0.760	0.911	0.864	1.061	0.943	1.044																	
12/1/2017	0.867	0.893	0.928	1.061	0.789	0.789																		
12/1/2018	1.688	0.839	1.122	0.958	1.054																			
12/1/2019	0.913	0.867	1.409	0.742																				
12/1/2020	0.739	0.965	0.977																					
12/1/2021	1.620	0.878																						
12/1/2022	0.707																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.235	0.978	0.985	0.959	0.989	0.965	0.972	1.024	1.007	0.981	1.047	1.002	1.003	0.988	1.000	1.000	1.007	0.985	0.968	1.002	1.006	1.003	0.996	
3 Yr Average	1.022	0.903	1.169	0.920	0.968	0.904	0.996	1.137	1.086	0.972	1.003	1.027	1.050	1.000	1.000	1.000	1.017	0.969	1.000	1.001	1.006	NA	NA	
5 Yr Average	1.133	0.888	1.069	0.922	0.979	0.930	1.016	1.076	1.044	0.981	1.079	1.015	1.029	1.000	1.000	1.000	1.010	0.982	0.968	NA	NA	NA	NA	
3 Yr Wtd Average	0.993	0.898	1.152	0.892	1.002	0.917	0.995	1.145	1.123	0.977	1.005	1.032	1.069	0.999	1.000	1.000	1.023	0.964	1.000	1.001	1.022	NA	NA	
5 Yr Wtd Average	1.087	0.882	1.090	0.901	0.995	0.937	1.025	1.058	1.067	0.982	1.065	1.020	1.041	1.000	1.000	1.000	1.013	0.975	0.873	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	0.739	0.878	1.122	0.958	1.054	0.943	0.996	1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.091	0.879	1.009	0.935	1.011	0.960	1.017	0.991	0.996	0.995	1.004	0.999	1.000	1.000	1.000	1.000	1.000	0.999	1.000	NA	NA	NA	NA	
Prior	1.376	1.125	1.015	1.013	1.010	1.005	1.005	1.003	1.002	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.002
Industry	1.247	1.008	0.997	0.988	0.988	0.997	0.998	0.997	0.997	1.000	0.999	0.997	0.998	1.001	0.998	0.998	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.001
Initial Selected	1.363	1.113	1.015	1.010	1.010	1.005	1.005	1.003	1.002	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.002

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.001
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.001
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.363**	**1.113**	**1.015**	**1.010**	**1.010**	**1.005**	**1.005**	**1.003**	**1.002**	**1.002**	**1.002**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.002**
Final CDF	**1.621**	**1.189**	**1.068**	**1.052**	**1.042**	**1.032**	**1.027**	**1.021**	**1.018**	**1.016**	**1.014**	**1.012**	**1.011**	**1.010**	**1.009**	**1.008**	**1.007**	**1.006**	**1.005**	**1.004**	**1.003**	**1.002**	**1.002**	**1.002**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Medical Only

AON

Cook County, Illinois
Workers' Compensation - Health Care Facilities
Occurrence
Medical
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												15,458	15,458	15,458	15,458	15,458	15,458	15,458	15,458	13,066	13,123	13,138	13,482	13,494
12/1/2001					650	702	702	702	702	702	702	702	702	702	620	620	620	620	620	620	620	620	620	
12/1/2002				1,021	1,029	1,042	1,051	1,051	1,051	1,051	1,053	1,056	1,057	899	899	899	899	899	899	899	899	899		
12/1/2003			827	933	959	972	1,011	1,050	1,072	1,101	1,104	1,105	1,006	1,096	1,158	1,217	1,219	1,219	1,219	1,219	1,222			
12/1/2004		964	1,139	1,293	1,330	1,357	1,376	1,399	1,409	1,428	1,436	1,250	1,251	1,253	1,255	1,261	1,262	1,262	1,262	1,262				
12/1/2005	393	669	720	763	834	875	875	877	877	877	764	764	764	764	764	764	764	764	764					
12/1/2006	338	849	840	963	975	977	985	1,033	1,033	925	925	925	925	925	925	925	925	925						
12/1/2007	315	656	812	827	799	828	828	852	746	746	747	747	747	747	747	747	747							
12/1/2008	217	526	636	702	738	766	778	684	685	688	688	690	690	690	690	690								
12/1/2009	119	381	608	674	697	743	698	709	718	726	731	734	735	735	735									
12/1/2010	278	590	711	723	734	662	662	662	666	667	668	668	668	668										
12/1/2011	167	569	772	997	894	916	979	980	980	980	992	996	996											
12/1/2012	87	557	811	774	856	946	983	1,142	1,158	1,192	1,199	1,205												
12/1/2013	223	722	591	631	640	643	648	657	665	669	685													
12/1/2014	240	311	383	400	405	489	491	491	491	491														
12/1/2015	138	444	608	617	695	698	698	698	698															
12/1/2016	98	233	360	466	485	509	516	528																
12/1/2017	176	301	365	382	399	400	401																	
12/1/2018	126	408	490	543	736	817																		
12/1/2019	144	259	286	328	339																			
12/1/2020	322	519	550	571																				
12/1/2021	122	694	850																					
12/1/2022	100	147																						
12/1/2023	102																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.845	1.004	1.001	1.026	1.001	
12/1/2001					1.080	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.884	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002				1.008	1.013	1.009	1.000	1.000	1.000	1.002	1.003	1.001	0.850	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003			1.128	1.028	1.014	1.040	1.038	1.021	1.027	1.003	1.001	0.910	1.089	1.057	1.050	1.001	1.000	1.000	1.000	1.002				
12/1/2004		1.182	1.135	1.029	1.020	1.014	1.017	1.007	1.013	1.006	0.870	1.001	1.001	1.002	1.005	1.000	1.000	1.000	1.000					
12/1/2005	1.700	1.077	1.060	1.092	1.050	1.000	1.003	1.000	1.000	0.870	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	2.515	0.989	1.146	1.013	1.002	1.008	1.050	1.000	0.895	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	2.081	1.238	1.019	0.965	1.037	1.000	1.029	0.875	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	2.422	1.209	1.105	1.051	1.037	1.015	0.880	1.002	1.003	1.000	1.003	1.000	1.000	1.000	1.000									
12/1/2009	3.199	1.597	1.108	1.035	1.066	0.939	1.016	1.013	1.011	1.007	1.004	1.001	1.000	1.000										
12/1/2010	2.122	1.206	1.016	1.016	0.902	1.000	1.000	1.006	1.000	1.002	1.000	1.000	1.000											
12/1/2011	3.402	1.357	1.291	0.896	1.025	1.069	1.001	1.000	1.000	1.012	1.004	1.000												
12/1/2012	6.416	1.455	0.955	1.106	1.106	1.039	1.161	1.015	1.029	1.006	1.005													
12/1/2013	3.246	0.818	1.068	1.013	1.005	1.009	1.014	1.012	1.006	1.023														
12/1/2014	1.295	1.230	1.045	1.013	1.206	1.004	1.000	1.000	1.000															
12/1/2015	3.207	1.371	1.014	1.126	1.004	1.000	1.001	1.000																
12/1/2016	2.384	1.544	1.297	1.041	1.048	1.014	1.023																	
12/1/2017	1.711	1.212	1.048	1.045	1.002	1.002																		
12/1/2018	3.250	1.198	1.109	1.356	1.111																			
12/1/2019	1.800	1.105	1.146	1.033																				
12/1/2020	1.610	1.061	1.038																					
12/1/2021	5.663	1.225																						
12/1/2022	1.461																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	2.749	1.227	1.096	1.048	1.040	1.010	1.015	0.997	0.999	0.995	0.991	0.993	0.995	0.994	1.006	1.000	1.000	1.000	0.969	1.002	1.000	1.013	1.001	
3 Yr Average	2.911	1.131	1.097	1.145	1.054	1.006	1.008	1.004	1.012	1.014	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	NA	NA	
5 Yr Average	2.757	1.161	1.127	1.120	1.074	1.006	1.040	1.005	1.007	1.010	1.003	1.000	1.000	1.000	1.001	1.000	1.000	1.000	0.969	NA	NA	NA	NA	
3 Yr Wtd Average	2.494	1.146	1.087	1.177	1.065	1.005	1.008	1.004	1.016	1.012	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.001	NA	NA	
5 Yr Wtd Average	2.488	1.165	1.117	1.136	1.071	1.006	1.054	1.006	1.010	1.010	1.003	1.000	1.000	1.000	1.001	1.000	1.000	1.000	0.877	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.610	1.105	1.109	1.045	1.048	1.002	1.001	1.000	1.006	1.012	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	2.220	1.172	1.101	1.071	1.055	1.005	1.013	1.004	1.002	1.008	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	2.710	1.250	1.080	1.047	1.040	1.017	1.013	1.008	1.007	1.006	1.006	1.005	1.004	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.009
Industry	2.025	1.154	1.062	1.032	1.021	1.014	1.009	1.008	1.006	1.005	1.004	1.002	1.004	1.002	1.001	1.002	1.002	1.001	1.007	1.005	1.004	1.003	1.002	1.007
Initial Selected	2.710	1.238	1.080	1.047	1.040	1.016	1.013	1.008	1.007	1.008	1.006	1.005	1.004	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.007

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.007
Exponential Curve Fit																								1.002
Weibull Curve Fit																								1.003
Manual Entry																								
Selected Tail Method:	Inverse Power																							
																								Tail
Final Link Ratio	**2.710**	**1.238**	**1.080**	**1.047**	**1.040**	**1.016**	**1.013**	**1.008**	**1.007**	**1.008**	**1.006**	**1.005**	**1.004**	**1.003**	**1.002**	**1.002**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.007**
Final CDF	**4.308**	**1.590**	**1.284**	**1.189**	**1.135**	**1.092**	**1.075**	**1.061**	**1.053**	**1.045**	**1.037**	**1.031**	**1.025**	**1.021**	**1.018**	**1.016**	**1.014**	**1.013**	**1.012**	**1.011**	**1.010**	**1.009**	**1.008**	**1.007**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Medical Only

AON

Cook County, Illinois
Workers' Compensation - Health Care Facilities
Occurrence
Medical
Reported Claim Count Development Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												7,413	7,413	7,413	7,413	7,413	7,413	7,413	7,413	7,414	7,414	7,414	7,414	7,414
12/1/2001					489	489	489	489	489	489	489	489	490	490	490	490	490	490	490	490	490	490	490	
12/1/2002				512	512	513	513	513	513	513	513	514	514	514	514	514	514	514	514	514	514	514		
12/1/2003			589	589	590	591	591	591	591	591	593	593	593	593	593	593	593	593	593	593	593			
12/1/2004		516	516	516	517	517	517	517	517	518	518	518	518	518	518	518	518	518	518	518				
12/1/2005	503	507	509	511	511	511	511	511	510	510	510	510	510	510	510	510	510	510	510					
12/1/2006	306	313	313	313	313	314	314	318	318	318	318	318	318	318	318	318	318	318						
12/1/2007	263	266	267	268	267	267	274	274	274	274	274	274	274	274	274	274	274							
12/1/2008	241	244	270	270	271	280	280	280	280	280	280	280	280	280	280	280								
12/1/2009	181	204	205	206	213	213	214	214	214	214	214	214	214	214	214									
12/1/2010	187	193	193	201	201	202	202	202	202	202	202	202	202	202										
12/1/2011	158	161	169	169	169	169	169	169	169	169	169	169	169											
12/1/2012	136	140	142	143	143	143	143	143	143	143	143	143												
12/1/2013	145	155	158	158	158	158	158	158	158	158	158													
12/1/2014	149	155	157	158	158	158	158	158	158	158														
12/1/2015	169	176	176	176	176	176	176	176	176															
12/1/2016	149	166	167	167	167	167	167	167																
12/1/2017	174	179	179	180	180	180	180																	
12/1/2018	153	159	159	159	159	159																		
12/1/2019	209	220	222	223	223																			
12/1/2020	169	171	171	171																				
12/1/2021	171	174	174																					
12/1/2022	135	136																						
12/1/2023	125																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2001					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002				1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003			1.000	1.002	1.002	1.000	1.000	1.000	1.000	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004		1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
12/1/2005	1.008	1.004	1.004	1.000	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.023	1.000	1.000	1.000	1.003	1.000	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.011	1.004	1.004	0.996	1.000	1.026	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.012	1.107	1.000	1.004	1.033	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.127	1.005	1.005	1.034	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.032	1.000	1.041	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.019	1.050	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.029	1.014	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.069	1.019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12/1/2014	1.040	1.013	1.006	1.000	1.000	1.000	1.000	1.000	1.000															
12/1/2015	1.041	1.000	1.000	1.000	1.000	1.000	1.000	1.000																
12/1/2016	1.114	1.006	1.000	1.000	1.000	1.000	1.000																	
12/1/2017	1.029	1.000	1.006	1.000	1.000	1.000																		
12/1/2018	1.039	1.000	1.000	1.000	1.000																			
12/1/2019	1.053	1.009	1.005	1.000																				
12/1/2020	1.012	1.000	1.000																					
12/1/2021	1.018	1.000																						
12/1/2022	1.007																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.038	1.013	1.004	1.002	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.012	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.026	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.013	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.027	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.012	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.023	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	1.039	1.004	1.003	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.131	1.019	1.010	1.007	1.007	1.005	1.005	1.006	1.006	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.033	1.004	1.003	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.033**	**1.004**	**1.003**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.044**	**1.010**	**1.006**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Medical Only

Cook County, Illinois
Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Physician FTEs	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	25	-	12,012,000	12,012,000	-	-	-	12,012,000	
1-Dec-01	-	Various	16	-	1,000,000	1,000,000	-	-	-	1,000,000	
1-Dec-02	-	Various	10	-	19,000	19,000	-	-	-	19,000	
1-Dec-03	33	20,000,000	18	-	2,958,500	2,958,500	-	-	-	2,958,500	91,031
1-Dec-04	33	20,000,000	16	-	750	750	-	-	-	750	23
1-Dec-05	23	20,000,000	18	-	1,000,000	1,000,000	-	-	-	1,000,000	43,478
1-Dec-06	14	20,000,000	13	-	2,500	2,500	-	-	-	2,500	179
1-Dec-07	-	20,000,000	8	-	1,000,000	1,000,000	-	-	-	1,000,000	
1-Dec-08	-	20,000,000	1	-	-	-	-	-	-	-	
1-Dec-09	-	Various	4	-	1,310,000	1,310,000	-	-	-	1,310,000	
1-Dec-10	-	40,000,000	1	-	3,000	3,000	-	-	-	3,000	
1-Dec-11	35	40,000,000	3	-	10,000	10,000	-	-	-	10,000	287
1-Dec-12	35	Various	7	-	-	-	-	-	-	-	-
1-Dec-13	35	30,000,000	-	-	-	-	-	-	-	-	-
1-Dec-14	41	Various	5	-	6,041,000	6,041,000	-	-	-	6,041,000	145,953
1-Dec-15	45	25,000,000	3	-	2,930,000	2,930,000	-	90,000	90,000	3,020,000	67,759
1-Dec-16	46	25,000,000	1	-	900,000	900,000	-	40,000	40,000	940,000	20,560
1-Dec-17	52	25,000,000	-	-	-	-	-	170,000	170,000	170,000	3,276
1-Dec-18	46	25,000,000	2	1	1,000,000	-	1,000,000	120,000	1,120,000	1,120,000	24,427
1-Dec-19	50	Various	-	-	-	-	-	290,000	290,000	290,000	5,781
1-Dec-20	46	35,000,000	1	1	20,000	-	20,000	350,000	370,000	370,000	8,084
1-Dec-21	55	35,000,000	1	-	-	-	-	550,000	550,000	550,000	9,964
1-Dec-22	37	35,000,000	-	-	-	-	-	660,000	660,000	660,000	17,666
1-Dec-23	35	35,000,000	-	-	-	-	-	710,000	710,000	710,000	20,229
Total	659		153	2	30,206,750	29,186,750	1,020,000	2,980,000	4,000,000	33,186,750	27,059
Full Policy Period Projections											
1-Dec-24	35	35,000,000								820,000	23,267
1-Dec-25	35	35,000,000								850,000	24,197

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 12,012,000	$ 12,012,000	$ 12,012,000	N/A	N/A	N/A	N/A	$ 12,012,000	$ 12,012,000
1-Dec-01	$ 1,000,000	$ 1,000,000	$ 1,000,000	N/A	N/A	N/A	N/A	$ 1,000,000	$ 1,000,000
1-Dec-02	$ 19,000	$ 19,000	$ 19,000	N/A	N/A	N/A	N/A	$ 19,000	$ 19,000
1-Dec-03	$ 2,958,500	$ 2,958,500	$ 2,958,500	N/A	N/A	N/A	N/A	$ 2,958,500	$ 2,958,500
1-Dec-04	$ 750	$ 750	$ 750	N/A	N/A	N/A	N/A	$ 750	$ 750
1-Dec-05	$ 1,000,000	$ 1,000,000	$ 1,000,000	N/A	N/A	N/A	N/A	$ 1,000,000	$ 1,000,000
1-Dec-06	$ 2,500	$ 2,500	$ 2,500	N/A	N/A	N/A	N/A	$ 2,500	$ 2,500
1-Dec-07	$ 1,000,000	$ 1,000,000	$ 1,000,000	N/A	N/A	N/A	N/A	$ 1,000,000	$ 1,000,000
1-Dec-08	$ -	$ -	$ -	N/A	N/A	N/A	N/A	$ -	$ -
1-Dec-09	$ 1,311,427	$ 1,312,555	$ 1,310,000	N/A	N/A	N/A	N/A	$ 1,311,427	$ 1,310,000
1-Dec-10	$ 3,009	$ 3,018	$ 3,000	N/A	N/A	N/A	N/A	$ 3,009	$ 3,000
1-Dec-11	$ 10,064	$ 10,117	$ 10,000	$ 13,488	$ 16,401	$ 14,740	$ 19,404	$ 10,064	$ 10,000
1-Dec-12	$ -	$ -	$ -	$ 6,502	$ 12,981	$ 10,203	$ 22,411	$ -	$ -
1-Dec-13	$ -	$ -	$ -	$ 9,868	$ 23,157	$ 18,620	$ 49,358	$ -	$ -
1-Dec-14	$ 6,179,457	$ 6,441,377	$ 6,041,000	$ 6,057,054	$ 6,085,536	$ 6,078,260	$ 6,161,958	$ 6,179,457	$ 6,041,000
1-Dec-15	$ 3,017,334	$ 3,237,051	$ 2,930,000	$ 2,953,002	$ 3,005,382	$ 2,977,535	$ 3,118,760	$ 3,017,334	$ 3,020,000
1-Dec-16	$ 935,743	$ 1,071,724	$ 900,000	$ 932,073	$ 1,034,540	$ 952,938	$ 1,179,355	$ 935,743	$ 940,000
1-Dec-17	$ -	$ -	$ -	$ 44,707	$ 290,870	$ 58,293	$ 494,560	$ -	$ 170,000
1-Dec-18	$ 1,065,177	$ -	$ 1,169,486	$ 1,054,662	$ 377,176	$ 1,060,555	$ 558,928	$ 1,063,050	$ 1,120,000
1-Dec-19	$ -	$ -	$ -	$ 89,219	$ 712,233	$ 78,789	$ 976,237	$ -	$ 290,000
1-Dec-20	$ 23,556	$ -	$ 24,129	$ 162,846	$ 834,769	$ 125,278	$ 1,107,809	$ 22,975	$ 370,000
1-Dec-21	$ -	$ -	$ -	$ 432,818	$ 1,147,073	$ 278,265	$ 1,508,889	$ -	$ 550,000
1-Dec-22	$ -	$ -	$ -	$ 508,314	$ 819,175	$ 305,927	$ 1,077,461	$ -	$ 660,000
1-Dec-23	$ -	$ -	$ -	$ 617,879	$ 792,764	$ 359,989	$ 1,042,678	$ -	$ 710,000
Total	$ 30,538,517	$ 30,068,592	$ 30,380,365	$ 12,882,430	$ 15,152,058	$ 12,319,393	$ 17,317,808	$ 30,535,810	$ 33,186,750

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 12,012,000	$ 12,012,000	$ 12,012,000	$ -	$ -	$ -	$ -
1-Dec-01	276	Various	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -
1-Dec-02	264	Various	$ 19,000	$ 19,000	$ 19,000	$ -	$ -	$ -	$ -
1-Dec-03	252	$ 20,000,000	$ 2,958,500	$ 2,958,500	$ 2,958,500	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 20,000,000	$ 750	$ 750	$ 750	$ -	$ -	$ -	$ -
1-Dec-05	228	$ 20,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -
1-Dec-06	216	$ 20,000,000	$ 2,500	$ 2,500	$ 2,500	$ -	$ -	$ -	$ -
1-Dec-07	204	$ 20,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 20,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1-Dec-09	180	Various	$ 1,310,000	$ 1,310,000	$ 1,310,000	$ -	$ -	$ -	$ -
1-Dec-10	168	$ 40,000,000	$ 3,000	$ 3,000	$ 3,000	$ -	$ -	$ -	$ -
1-Dec-11	156	$ 40,000,000	$ 10,000	$ 10,000	$ 10,000	$ -	$ -	$ -	$ -
1-Dec-12	144	Various	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1-Dec-13	132	$ 30,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1-Dec-14	120	Various	$ 6,041,000	$ 6,041,000	$ 6,041,000	$ -	$ -	$ -	$ -
1-Dec-15	108	$ 25,000,000	$ 3,020,000	$ 2,930,000	$ 2,930,000	$ -	$ 90,000	$ 90,000	$ 83,170
1-Dec-16	96	$ 25,000,000	$ 940,000	$ 900,000	$ 900,000	$ -	$ 40,000	$ 40,000	$ 37,015
1-Dec-17	84	$ 25,000,000	$ 170,000	$ -	$ -	$ -	$ 170,000	$ 170,000	$ 158,226
1-Dec-18	72	$ 25,000,000	$ 1,120,000	$ 1,000,000	$ -	$ 1,000,000	$ 120,000	$ 1,120,000	$ 1,030,005
1-Dec-19	60	Various	$ 290,000	$ -	$ -	$ -	$ 290,000	$ 290,000	$ 267,388
1-Dec-20	48	$ 35,000,000	$ 370,000	$ 20,000	$ -	$ 20,000	$ 350,000	$ 370,000	$ 334,634
1-Dec-21	36	$ 35,000,000	$ 550,000	$ -	$ -	$ -	$ 550,000	$ 550,000	$ 483,712
1-Dec-22	24	$ 35,000,000	$ 660,000	$ -	$ -	$ -	$ 660,000	$ 660,000	$ 559,722
1-Dec-23	12	$ 35,000,000	$ 710,000	$ -	$ -	$ -	$ 710,000	$ 710,000	$ 578,423
Total			$ 33,186,750	$ 30,206,750	$ 29,186,750	$ 1,020,000	$ 2,980,000	$ 4,000,000	$ 3,532,295

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 12,012,000	1.000	$ 12,012,000	$ 12,012,000	1.000	$ 12,012,000	$ -	1.000	$ 12,012,000
1-Dec-01	276	$ 1,000,000	1.000	$ 1,000,000	$ 1,000,000	1.000	$ 1,000,000	$ -	1.000	$ 1,000,000
1-Dec-02	264	$ 19,000	1.000	$ 19,000	$ 19,000	1.000	$ 19,000	$ -	1.000	$ 19,000
1-Dec-03	252	$ 2,958,500	1.000	$ 2,958,500	$ 2,958,500	1.000	$ 2,958,500	$ -	1.000	$ 2,958,500
1-Dec-04	240	$ 750	1.000	$ 750	$ 750	1.000	$ 750	$ -	1.000	$ 750
1-Dec-05	228	$ 1,000,000	1.000	$ 1,000,000	$ 1,000,000	1.000	$ 1,000,000	$ -	1.000	$ 1,000,000
1-Dec-06	216	$ 2,500	1.000	$ 2,500	$ 2,500	1.000	$ 2,500	$ -	1.000	$ 2,500
1-Dec-07	204	$ 1,000,000	1.000	$ 1,000,000	$ 1,000,000	1.000	$ 1,000,000	$ -	1.000	$ 1,000,000
1-Dec-08	192	$ -	1.000	$ -	$ -	1.000	$ -	$ -	0.000	$ -
1-Dec-09	180	$ 1,310,000	1.001	$ 1,311,427	$ 1,310,000	1.002	$ 1,312,555	$ -	2.267	$ 1,310,000
1-Dec-10	168	$ 3,000	1.003	$ 3,009	$ 3,000	1.006	$ 3,018	$ -	2.062	$ 3,000
1-Dec-11	156	$ 10,000	1.006	$ 10,064	$ 10,000	1.012	$ 10,117	$ -	2.197	$ 10,000
1-Dec-12	144	$ -	1.012	$ -	$ -	1.023	$ -	$ -	2.004	$ -
1-Dec-13	132	$ -	1.017	$ -	$ -	1.041	$ -	$ -	1.743	$ -
1-Dec-14	120	$ 6,041,000	1.023	$ 6,179,457	$ 6,041,000	1.066	$ 6,441,377	$ -	1.564	$ 6,041,000
1-Dec-15	108	$ 2,930,000	1.030	$ 3,017,334	$ 2,930,000	1.105	$ 3,237,051	$ -	1.439	$ 2,930,000
1-Dec-16	96	$ 900,000	1.040	$ 935,743	$ 900,000	1.191	$ 1,071,724	$ -	1.313	$ 900,000
1-Dec-17	84	$ -	1.048	$ -	$ -	1.421	$ -	$ -	1.182	$ -
1-Dec-18	72	$ 1,000,000	1.065	$ 1,065,177	$ -	1.731	$ -	$ 1,000,000	1.169	$ 1,169,486
1-Dec-19	60	$ -	1.097	$ -	$ -	3.419	$ -	$ -	1.143	$ -
1-Dec-20	48	$ 20,000	1.178	$ 23,556	$ -	8.495	$ -	$ 20,000	1.206	$ 24,129
1-Dec-21	36	$ -	1.583	$ -	$ -	41.579	$ -	$ -	1.606	$ -
1-Dec-22	24	$ -	2.634	$ -	$ -	4684.224	$ -	$ -	2.635	$ -
1-Dec-23	12	$ -	4.531	$ -	$ -	9368.449	$ -	$ -	4.533	$ -
Total		$ 30,206,750		$ 30,538,517	$ 29,186,750		$ 30,068,592	$ 1,020,000		$ 30,380,365

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Physician FTEs	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-11	156	$ 10,000	1.426	1.000	$ 14,257	35	1.006	30,700	$ 749,358	$ 14,740
1-Dec-12	144	$ -	1.384	1.000	$ -	35	1.012	35,447	$ 891,114	$ 10,203
1-Dec-13	132	$ -	1.344	1.000	$ -	35	1.017	42,626	$ 1,103,723	$ 18,620
1-Dec-14	120	$ 6,041,000	1.305	1.000	$ 7,882,854	41	1.023	52,427	$ 1,662,948	$ 6,078,260
1-Dec-15	108	$ 2,930,000	1.267	1.000	$ 3,711,975	45	1.030	46,682	$ 1,642,307	$ 2,977,535
1-Dec-16	96	$ 900,000	1.230	1.000	$ 1,106,988	46	1.040	37,285	$ 1,385,913	$ 952,938
1-Dec-17	84	$ -	1.194	1.000	$ -	52	1.048	29,454	$ 1,279,869	$ 58,293
1-Dec-18	72	$ 1,000,000	1.159	1.000	$ 1,159,380	46	1.065	25,024	$ 989,643	$ 1,060,555
1-Dec-19	60	$ -	1.126	1.000	$ -	50	1.097	19,948	$ 889,031	$ 78,789
1-Dec-20	48	$ 20,000	1.093	1.000	$ 21,855	46	1.178	16,648	$ 697,309	$ 125,278
1-Dec-21	36	$ -	1.061	1.000	$ -	55	1.583	14,523	$ 755,646	$ 278,265
1-Dec-22	24	$ -	1.030	1.000	$ -	37	2.634	13,595	$ 493,123	$ 305,927
1-Dec-23	12	$ -	1.000	1.000	$ -	35	4.531	13,161	$ 461,929	$ 359,989
Total		$ 10,901,000			$ 13,897,309	557			$ 13,001,912	$ 12,319,393

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Medical Malpractice - Cermak Health Services)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Physician FTEs	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-11	156	$ 10,000	1.426	1.000	$ 14,257	35	1.012	33,187	$ 810,055	$ 19,404
1-Dec-12	144	$ -	1.384	1.000	$ -	35	1.023	39,000	$ 980,429	$ 22,411
1-Dec-13	132	$ -	1.344	1.000	$ -	35	1.041	48,148	$ 1,246,724	$ 49,358
1-Dec-14	120	$ 6,041,000	1.305	1.000	$ 7,882,854	41	1.066	61,351	$ 1,946,007	$ 6,161,958
1-Dec-15	108	$ 2,930,000	1.267	1.000	$ 3,711,975	45	1.105	56,564	$ 1,989,979	$ 3,118,760
1-Dec-16	96	$ 900,000	1.230	1.000	$ 1,106,988	46	1.191	46,903	$ 1,743,447	$ 1,179,355
1-Dec-17	84	$ -	1.194	1.000	$ -	52	1.421	38,408	$ 1,668,936	$ 494,560
1-Dec-18	72	$ -	1.159	1.000	$ -	46	1.731	33,474	$ 1,323,805	$ 558,928
1-Dec-19	60	$ -	1.126	1.000	$ -	50	3.419	30,962	$ 1,379,878	$ 976,237
1-Dec-20	48	$ -	1.093	1.000	$ -	46	8.495	29,978	$ 1,255,609	$ 1,107,809
1-Dec-21	36	$ -	1.061	1.000	$ -	55	41.579	29,714	$ 1,546,072	$ 1,508,889
1-Dec-22	24	$ -	1.030	1.000	$ -	37	4684.224	29,711	$ 1,077,691	$ 1,077,461
1-Dec-23	12	$ -	1.000	1.000	$ -	35	9368.449	29,710	$ 1,042,789	$ 1,042,678
Total		$ 9,881,000			$ 12,716,074	557			$ 18,011,422	$ 17,317,808

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Medical Malpractice - Cermak Health Services)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	25	1.000	25	1.000	$ 480,480	$ 480,480	0	$ 220,974	$ 12,012,000
1-Dec-01	276	16	1.000	16	1.000	$ 62,500	$ 62,500	0	$ 191,226	$ 1,000,000
1-Dec-02	264	10	1.000	10	1.000	$ 1,900	$ 1,900	0	$ 163,120	$ 19,000
1-Dec-03	252	18	1.000	18	1.000	$ 164,361	$ 164,361	0	$ 144,134	$ 2,958,500
1-Dec-04	240	16	1.000	16	1.000	$ 47	$ 47	0	$ 122,017	$ 750
1-Dec-05	228	18	1.000	18	1.000	$ 55,556	$ 55,556	0	$ 112,952	$ 1,000,000
1-Dec-06	216	13	1.000	13	1.000	$ 192	$ 192	0	$ 110,445	$ 2,500
1-Dec-07	204	8	1.000	8	1.000	$ 125,000	$ 125,000	0	$ 121,154	$ 1,000,000
1-Dec-08	192	1	1.000	1	1.000	$ -	$ -	0	$ 135,254	$ -
1-Dec-09	180	4	1.000	4	1.001	$ 327,500	$ 327,857	0	$ 156,644	$ 1,311,427
1-Dec-10	168	1	1.000	1	1.003	$ 3,000	$ 3,009	0	$ 173,465	$ 3,009
1-Dec-11	156	3	1.000	3	1.006	$ 3,333	$ 3,355	0	$ 198,146	$ 10,064
1-Dec-12	144	7	1.000	7	1.012	$ -	$ -	0	$ 240,784	$ -
1-Dec-13	132	0	1.000	0	1.017	$ -	$ -	0	$ 338,606	$ -
1-Dec-14	120	5	1.000	5	1.023	$ 1,208,200	$ 1,235,891	0	$ 470,187	$ 6,179,457
1-Dec-15	108	3	1.000	3	1.030	$ 976,667	$ 1,005,778	0	$ 524,376	$ 3,017,334
1-Dec-16	96	1	1.000	1	1.040	$ 900,000	$ 935,743	0	$ 543,353	$ 935,743
1-Dec-17	84	0	1.000	0	1.048	$ -	$ -	0	$ 545,783	$ -
1-Dec-18	72	2	1.002	2	1.063	$ 500,000	$ 531,525	0	$ 541,312	$ 1,063,050
1-Dec-19	60	0	1.010	0	1.086	$ -	$ -	0	$ 527,085	$ -
1-Dec-20	48	1	1.025	1	1.149	$ 20,000	$ 22,975	0	$ 494,942	$ 22,975
1-Dec-21	36	1	1.068	1	1.483	$ -	$ -	0	$ 481,250	$ -
1-Dec-22	24	0	1.247	0	2.113	$ -	$ -	0	$ 495,687	$ -
1-Dec-23	12	0	1.655	0	2.738	$ -	$ -	0	$ 510,558	$ -
Total		153		153				0		$ 30,535,810

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-11	$ 40,000,000	$ 10,000	1.006	15,844	1.000	15,844	$ 551,372	0.006	$ 3,488	$ 13,488
1-Dec-12	Various	$ -	1.012	16,319	1.000	16,318	$ 567,874	0.011	$ 6,502	$ 6,502
1-Dec-13	$ 30,000,000	$ -	1.017	16,808	1.000	16,808	$ 584,910	0.017	$ 9,868	$ 9,868
1-Dec-14	Various	$ 6,041,000	1.023	17,313	1.000	17,311	$ 716,506	0.022	$ 16,054	$ 6,057,054
1-Dec-15	$ 25,000,000	$ 2,930,000	1.030	17,832	1.000	17,830	$ 794,702	0.029	$ 23,002	$ 2,953,002
1-Dec-16	$ 25,000,000	$ 900,000	1.040	18,367	1.000	18,365	$ 839,663	0.038	$ 32,073	$ 932,073
1-Dec-17	$ 25,000,000	$ -	1.048	18,918	1.000	18,916	$ 981,567	0.046	$ 44,707	$ 44,707
1-Dec-18	$ 25,000,000	$ 1,000,000	1.065	19,486	1.000	19,484	$ 893,332	0.061	$ 54,662	$ 1,054,662
1-Dec-19	Various	$ -	1.097	20,070	1.000	20,070	$ 1,006,718	0.089	$ 89,219	$ 89,219
1-Dec-20	$ 35,000,000	$ 20,000	1.178	20,672	1.000	20,672	$ 946,141	0.151	$ 142,846	$ 162,846
1-Dec-21	$ 35,000,000	$ -	1.583	21,292	1.000	21,292	$ 1,175,341	0.368	$ 432,818	$ 432,818
1-Dec-22	$ 35,000,000	$ -	2.634	21,931	1.000	21,931	$ 819,350	0.620	$ 508,314	$ 508,314
1-Dec-23	$ 35,000,000	$ -	4.531	22,589	1.000	22,589	$ 792,849	0.779	$ 617,879	$ 617,879
Total		$ 10,901,000					$ 10,670,323		$ 1,981,430	$ 12,882,430

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Physician FTEs) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-11	$ 40,000,000	$ 10,000	1.012	15,844	1.000	15,844	$ 551,372	0.012	$ 6,401	$ 16,401
1-Dec-12	Various	$ -	1.023	16,319	1.000	16,318	$ 567,874	0.023	$ 12,981	$ 12,981
1-Dec-13	$ 30,000,000	$ -	1.041	16,808	1.000	16,808	$ 584,910	0.040	$ 23,157	$ 23,157
1-Dec-14	Various	$ 6,041,000	1.066	17,313	1.000	17,311	$ 716,506	0.062	$ 44,536	$ 6,085,536
1-Dec-15	$ 25,000,000	$ 2,930,000	1.105	17,832	1.000	17,830	$ 794,702	0.095	$ 75,382	$ 3,005,382
1-Dec-16	$ 25,000,000	$ 900,000	1.191	18,367	1.000	18,365	$ 839,663	0.160	$ 134,540	$ 1,034,540
1-Dec-17	$ 25,000,000	$ -	1.421	18,918	1.000	18,916	$ 981,567	0.296	$ 290,870	$ 290,870
1-Dec-18	$ 25,000,000	$ -	1.731	19,486	1.000	19,484	$ 893,332	0.422	$ 377,176	$ 377,176
1-Dec-19	Various	$ -	3.419	20,070	1.000	20,070	$ 1,006,718	0.707	$ 712,233	$ 712,233
1-Dec-20	$ 35,000,000	$ -	8.495	20,672	1.000	20,672	$ 946,141	0.882	$ 834,769	$ 834,769
1-Dec-21	$ 35,000,000	$ -	41.579	21,292	1.000	21,292	$ 1,175,341	0.976	$ 1,147,073	$ 1,147,073
1-Dec-22	$ 35,000,000	$ -	4684.224	21,931	1.000	21,931	$ 819,350	1.000	$ 819,175	$ 819,175
1-Dec-23	$ 35,000,000	$ -	9368.449	22,589	1.000	22,589	$ 792,849	1.000	$ 792,764	$ 792,764
Total		$ 9,881,000					$ 10,670,323		$ 5,271,058	$ 15,152,058

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Physician FTEs) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period	Incurred LDF's		Paid LDF's		Claim	Trend Factors		Physician
Inception	Unlimited	Limited	Unlimited	Limited	CDF	Loss	Exposure	FTEs
Prior	1.000	1.000	1.000	1.000	1.000	1.974	1.000	-
1-Dec-01	1.000	1.000	1.000	1.000	1.000	1.916	1.000	-
1-Dec-02	1.000	1.000	1.000	1.000	1.000	1.860	1.000	-
1-Dec-03	1.000	1.000	1.000	1.000	1.000	1.806	1.000	33
1-Dec-04	1.000	1.000	1.000	1.000	1.000	1.754	1.000	33
1-Dec-05	1.000	1.000	1.000	1.000	1.000	1.702	1.000	23
1-Dec-06	1.000	1.000	1.000	1.000	1.000	1.653	1.000	14
1-Dec-07	1.000	1.000	1.000	1.000	1.000	1.605	1.000	-
1-Dec-08	1.000	1.000	1.000	1.000	1.000	1.558	1.000	-
1-Dec-09	1.001	1.001	1.002	1.002	1.000	1.513	1.000	-
1-Dec-10	1.003	1.003	1.006	1.006	1.000	1.469	1.000	-
1-Dec-11	1.007	1.006	1.012	1.012	1.000	1.426	1.000	35
1-Dec-12	1.012	1.012	1.024	1.023	1.000	1.384	1.000	35
1-Dec-13	1.018	1.017	1.043	1.041	1.000	1.344	1.000	35
1-Dec-14	1.024	1.023	1.069	1.066	1.000	1.305	1.000	41
1-Dec-15	1.031	1.030	1.109	1.105	1.000	1.267	1.000	45
1-Dec-16	1.041	1.040	1.199	1.191	1.000	1.230	1.000	46
1-Dec-17	1.050	1.048	1.438	1.421	1.000	1.194	1.000	52
1-Dec-18	1.068	1.065	1.760	1.731	1.002	1.159	1.000	46
1-Dec-19	1.100	1.097	3.486	3.419	1.010	1.126	1.000	50
1-Dec-20	1.182	1.178	8.694	8.495	1.025	1.093	1.000	46
1-Dec-21	1.598	1.583	42.598	41.579	1.068	1.061	1.000	55
1-Dec-22	2.674	2.634	4799.376	4684.224	1.247	1.030	1.000	37
1-Dec-23	4.612	4.531	9598.752	9368.449	1.655	1.000	1.000	35

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**23267**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends
Column (8) : Flat 0.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 12,012,000	$ 12,012,000	$ -	Various	-	$ -	-	$ -	$ 12,012,000	$ 12,012,000	$ -
1-Dec-01	$ 1,000,000	$ 1,000,000	$ -	Various	-	$ -	-	$ -	$ 1,000,000	$ 1,000,000	$ -
1-Dec-02	$ 19,000	$ 19,000	$ -	Various	-	$ -	-	$ -	$ 19,000	$ 19,000	$ -
1-Dec-03	$ 2,958,500	$ 2,958,500	$ -	$ 20,000,000	-	$ -	-	$ -	$ 2,958,500	$ 2,958,500	$ -
1-Dec-04	$ 750	$ 750	$ -	$ 20,000,000	-	$ -	-	$ -	$ 750	$ 750	$ -
1-Dec-05	$ 1,000,000	$ 1,000,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 1,000,000	$ 1,000,000	$ -
1-Dec-06	$ 2,500	$ 2,500	$ -	$ 20,000,000	-	$ -	-	$ -	$ 2,500	$ 2,500	$ -
1-Dec-07	$ 1,000,000	$ 1,000,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 1,000,000	$ 1,000,000	$ -
1-Dec-08	$ -	$ -	$ -	$ 20,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-09	$ 1,310,000	$ 1,310,000	$ -	Various	-	$ -	-	$ -	$ 1,310,000	$ 1,310,000	$ -
1-Dec-10	$ 3,000	$ 3,000	$ -	$ 40,000,000	-	$ -	-	$ -	$ 3,000	$ 3,000	$ -
1-Dec-11	$ 10,000	$ 10,000	$ -	$ 40,000,000	-	$ -	-	$ -	$ 10,000	$ 10,000	$ -
1-Dec-12	$ -	$ -	$ -	Various	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-13	$ -	$ -	$ -	$ 30,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-14	$ 6,041,000	$ 6,041,000	$ -	Various	-	$ -	-	$ -	$ 6,041,000	$ 6,041,000	$ -
1-Dec-15	$ 2,930,000	$ 2,930,000	$ -	$ 25,000,000	-	$ -	-	$ -	$ 2,930,000	$ 2,930,000	$ -
1-Dec-16	$ 900,000	$ 900,000	$ -	$ 25,000,000	-	$ -	-	$ -	$ 900,000	$ 900,000	$ -
1-Dec-17	$ -	$ -	$ -	$ 25,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-18	$ 1,000,000	$ -	$ 1,000,000	$ 25,000,000	-	$ -	-	$ -	$ 1,000,000	$ -	$ 1,000,000
1-Dec-19	$ -	$ -	$ -	Various	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-20	$ 20,000	$ -	$ 20,000	$ 35,000,000	-	$ -	-	$ -	$ 20,000	$ -	$ 20,000
1-Dec-21	$ -	$ -	$ -	$ 35,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-22	$ -	$ -	$ -	$ 35,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-23	$ -	$ -	$ -	$ 35,000,000	-	$ -	-	$ -	$ -	$ -	$ -
Total	$ 30,206,750	$ 29,186,750	$ 1,020,000		-	$ -	-	$ -	$ 30,206,750	$ 29,186,750	$ 1,020,000

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]
Column (12) = Column (10) - Column (11)

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Physician FTEs	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-11	35	3	1.000	3	1.000	3	8.62069%		3	3	8.62069%
1-Dec-12	35	7	1.000	7	1.000	7	20.11494%		7	7	20.11494%
1-Dec-13	35	0	1.000	0	1.000	0	0.00000%		0	0	0.00000%
1-Dec-14	41	5	1.000	5	1.000	5	12.08021%		5	5	12.08021%
1-Dec-15	45	3	1.000	3	1.000	3	6.73098%		3	3	6.73098%
1-Dec-16	46	1	1.000	1	1.000	1	2.18723%		1	1	2.18723%
1-Dec-17	52	0	1.000	0	1.000	0	0.00000%		0	0	0.00000%
1-Dec-18	46	2	1.002	2	1.000	2	4.37077%		2	2	4.37077%
1-Dec-19	50	0	1.010	0	1.000	0	0.00000%		0	0	0.00000%
1-Dec-20	46	1	1.025	1	1.000	1	2.24017%		1	1	2.24017%
1-Dec-21	55	1	1.068	1	1.000	1	1.93423%		1	1	1.93423%
1-Dec-22	37	0	1.247	0	1.000	0	0.00000%		0	0	0.00000%
1-Dec-23	35	0	1.655	0	1.000	0	0.00000%		0	0	0.00000%
Total	557	23		23		23	4.14365%		23	23	4.14365%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	224	2	0.93610%	2	0.93610%
Last 3 Policies	128	1	0.83637%	1	0.83637%
Last 2 Policies	72	0	0.00000%	0	0.00000%
Last 13 Policies	557	23	4.14365%	23	4.14365%

Selected Bornhuetter-Ferguson Frequency Rate	**4.14365%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	1.000
Selected Frequency Rate adjusted to the Renewal Policy Period Level	4.14365%
Physician FTEs for 1-Dec-24	35
Projected Count for 1-Dec-24	1

AON

Exhibit 12

Cook County, Illinois
Medical Malpractice - Cermak Health Services
Medical Malpractice - Cermak Health Services Experience @ 11/30/24
Losses Limited to Retentions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred Loss	Selected Ultimate Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Ultimate Loss	Physician FTEs	Exposure Trend Factor	Trended Physician FTEs	Trended Loss Rate
1-Dec-11	10,000	10,000	1.469	1.000	14,685	35	1.000	35	420
1-Dec-12	-	-	1.426	1.000	-	35	1.000	35	0
1-Dec-13	-	-	1.384	1.000	-	35	1.000	35	0
1-Dec-14	6,041,000	6,041,000	1.344	1.000	8,119,340	41	1.000	41	198,033
1-Dec-15	2,930,000	3,020,000	1.305	1.000	3,940,775	45	1.000	45	87,573
1-Dec-16	900,000	940,000	1.267	1.000	1,190,873	46	1.000	46	25,889
1-Dec-17	-	170,000	1.230	1.000	209,098	52	1.000	52	4,021
1-Dec-18	1,000,000	1,120,000	1.194	1.000	1,337,461	46	1.000	46	29,075
1-Dec-19	-	290,000	1.159	1.000	336,189	50	1.000	50	6,724
1-Dec-20	20,000	370,000	1.126	1.000	416,438	46	1.000	46	9,053
1-Dec-21	-	550,000	1.093	1.000	601,000	55	1.000	55	10,927
1-Dec-22	-	660,000	1.061	1.000	700,194	37	1.000	37	18,924
1-Dec-23	-	710,000	1.030	1.000	731,300	35	1.000	35	20,894
All Year Weighted Average					17,597,353			558	31,536
Latest 5-Year Weighted Average					2,785,121			223	12,489
Latest 3-Year Weighted Average					2,032,494			127	16,004
SELECTED									**23,267**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Medical Malpractice - Cermak Health Services
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10)	(11)	(12)	(13)	(14)	(15)
Policy Period Inception	Retention	Physician FTEs	Claim Count	Loss Rate	Loss Amount
1-Dec-24	35,000,000	35	1	23,267	820,000
1-Dec-25	35,000,000	35	1	24,197	850,000
1-Dec-26	35,000,000	35	1	25,165	880,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Average : $215,219 sigma = 1.954
CV : 6.67 mu = 10.371

Limitation of Incurred LDF's for Medical Malpractice - Cermak Health Services

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	10,000,000	2.942	0.988	0.998	0.838	196,772	10,000,000	2.942	0.988	0.998	0.838	196,772	1.000
276	1.000	1.000	15,000,000	3.149	1.196	0.999	0.884	202,549	15,000,000	3.149	1.196	0.999	0.884	202,549	1.000
264	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
252	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
240	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
228	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
216	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
204	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
192	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,002,333	3.297	1.343	1.000	0.910	205,716	1.000
180	1.001	1.000	40,000,000	3.651	1.698	1.000	0.955	210,800	40,044,670	3.652	1.698	1.000	0.955	210,806	1.001
168	1.003	1.000	40,000,000	3.651	1.698	1.000	0.955	210,800	40,123,406	3.653	1.699	1.000	0.955	210,816	1.003
156	1.007	1.000	40,000,000	3.651	1.698	1.000	0.955	210,800	40,261,092	3.655	1.701	1.000	0.956	210,834	1.006
144	1.012	1.000	30,000,000	3.504	1.551	1.000	0.939	209,069	30,359,281	3.510	1.557	1.000	0.940	209,150	1.012
132	1.018	1.000	30,000,000	3.504	1.551	1.000	0.939	209,069	30,532,303	3.513	1.560	1.000	0.941	209,189	1.017
120	1.024	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	25,596,248	3.423	1.469	1.000	0.929	207,895	1.023
108	1.031	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	25,775,421	3.426	1.473	1.000	0.930	207,950	1.030
96	1.041	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	26,033,176	3.431	1.478	1.000	0.930	208,028	1.040
84	1.050	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	26,241,441	3.436	1.482	1.000	0.931	208,090	1.048
72	1.068	1.002	25,000,000	3.411	1.457	1.000	0.927	207,706	26,640,292	3.443	1.490	1.000	0.932	208,207	1.065
60	1.100	1.010	35,000,000	3.583	1.629	1.000	0.948	210,055	38,105,500	3.627	1.673	1.000	0.953	210,541	1.097
48	1.182	1.025	35,000,000	3.583	1.629	1.000	0.948	210,055	40,358,042	3.656	1.702	1.000	0.956	210,846	1.178
36	1.598	1.068	35,000,000	3.583	1.629	1.000	0.948	210,055	52,376,644	3.789	1.836	1.000	0.967	212,030	1.583
24	2.674	1.247	35,000,000	3.583	1.629	1.000	0.948	210,055	75,052,551	3.973	2.020	1.000	0.978	213,208	2.634
12	4.612	1.655	35,000,000	3.583	1.629	1.000	0.948	210,055	97,534,373	4.108	2.154	1.000	0.984	213,807	4.531

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Medical Malpractice - Cermak Health Services

Average : $215,219 sigma = 1.954
CV : 6.67 mu = 10.371

Limitation of Paid LDF's for Medical Malpractice - Cermak Health Services

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	10,000,000	2.942	0.988	0.998	0.838	196,772	10,000,000	2.942	0.988	0.998	0.838	196,772	1.000
276	1.000	1.000	15,000,000	3.149	1.196	0.999	0.884	202,549	15,000,000	3.149	1.196	0.999	0.884	202,549	1.000
264	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
252	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
240	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
228	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
216	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
204	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
192	1.000	1.000	20,000,000	3.297	1.343	1.000	0.910	205,715	20,000,000	3.297	1.343	1.000	0.910	205,715	1.000
180	1.002	1.000	40,000,000	3.651	1.698	1.000	0.955	210,800	40,080,000	3.652	1.699	1.000	0.955	210,810	1.002
168	1.006	1.000	40,000,000	3.651	1.698	1.000	0.955	210,800	40,240,320	3.654	1.701	1.000	0.956	210,831	1.006
156	1.012	1.000	40,000,000	3.651	1.698	1.000	0.955	210,800	40,481,762	3.657	1.704	1.000	0.956	210,862	1.012
144	1.024	1.000	30,000,000	3.504	1.551	1.000	0.939	209,069	30,725,657	3.516	1.563	1.000	0.941	209,231	1.023
132	1.043	1.000	30,000,000	3.504	1.551	1.000	0.939	209,069	31,278,719	3.525	1.572	1.000	0.942	209,350	1.041
120	1.069	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	26,724,228	3.445	1.491	1.000	0.932	208,231	1.066
108	1.109	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	27,726,387	3.464	1.510	1.000	0.934	208,507	1.105
96	1.199	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	29,964,219	3.503	1.550	1.000	0.939	209,061	1.191
84	1.438	1.000	25,000,000	3.411	1.457	1.000	0.927	207,706	35,957,063	3.597	1.643	1.000	0.950	210,214	1.421
72	1.760	1.002	25,000,000	3.411	1.457	1.000	0.927	207,706	43,922,179	3.699	1.746	1.000	0.960	211,266	1.731
60	3.486	1.010	35,000,000	3.583	1.629	1.000	0.948	210,055	120,770,408	4.217	2.263	1.000	0.988	214,174	3.419
48	8.694	1.025	35,000,000	3.583	1.629	1.000	0.948	210,055	296,766,478	4.677	2.724	1.000	0.997	214,956	8.495
36	42.598	1.068	35,000,000	3.583	1.629	1.000	0.948	210,055	1,396,410,582	5.470	3.516	1.000	1.000	215,204	41.579
24	4799.376	1.247	35,000,000	3.583	1.629	1.000	0.948	210,055	134,717,104,176	7.809	5.855	1.000	1.000	215,219	4684.224
12	9598.752	1.655	35,000,000	3.583	1.629	1.000	0.948	210,055	202,981,227,274	8.019	6.065	1.000	1.000	215,219	9368.449

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Calculation of Occupied Bed Equivalents

Policy Period (1)	Inpatients (2)	ER Visits (3)	Urgent Care Visits (4)	Primary Care Visits (5)	Other Visits (6)	Physicians (7)
Prior						
12/1/2001						
12/1/2002						
12/1/2003						33
12/1/2004						33
12/1/2005						23
12/1/2006						14
12/1/2007						
12/1/2008						
12/1/2009						
12/1/2010						
12/1/2011						35
12/1/2012						35
12/1/2013						35
12/1/2014						41
12/1/2015						45
12/1/2016						46
12/1/2017						52
12/1/2018						46
12/1/2019						50
12/1/2020						46
12/1/2021						55
12/1/2022						37
12/1/2023						35
12/1/2024						35

(2) through (7) were provided by the County.

Cook County, Illinois
Medical Malpractice - Cermak Health Services
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid	Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	168	99.4%	180	99.8%	$ -	$ -	$ -	0.980	$ -
1-Dec-11	156	98.8%	168	99.4%	$ -	$ -	$ -	0.967	$ -
1-Dec-12	144	97.6%	156	98.8%	$ -	$ -	$ -	0.955	$ -
1-Dec-13	132	95.9%	144	97.7%	$ -	$ -	$ -	0.948	$ -
1-Dec-14	120	93.5%	132	96.1%	$ -	$ -	$ -	0.940	$ -
1-Dec-15	108	90.2%	120	93.8%	$ 90,000	$ 20,330	$ 69,670	0.931	$ 64,889
1-Dec-16	96	83.4%	108	90.5%	$ 40,000	$ 9,690	$ 30,310	0.924	$ 28,010
1-Dec-17	84	69.5%	96	84.0%	$ 170,000	$ 27,429	$ 142,571	0.925	$ 131,932
1-Dec-18	72	56.8%	84	70.4%	$ 1,120,000	$ 333,921	$ 786,079	0.931	$ 731,635
1-Dec-19	60	28.7%	72	57.5%	$ 290,000	$ 87,736	$ 202,264	0.920	$ 186,011
1-Dec-20	48	11.5%	60	29.3%	$ 370,000	$ 73,308	$ 296,692	0.922	$ 273,557
1-Dec-21	36	2.3%	48	11.8%	$ 550,000	$ 52,783	$ 497,217	0.904	$ 449,690
1-Dec-22	24	0.0%	36	2.4%	$ 660,000	$ 15,736	$ 644,264	0.879	$ 566,616
1-Dec-23	12	0.0%	24	0.0%	$ 710,000	$ 76	$ 709,924	0.848	$ 602,061
1-Dec-24	0	0.0%	12	0.0%	$ 820,000	$ 88	$ 819,912	0.815	$ 667,967
Total					$ 4,820,000	$ 621,096	$ 4,198,904		$ 3,702,369

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Medical Malpractice - Cermak Health Services
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid	Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	168	99.4%	180	99.8%	$ -	$ -	$ -	0.980	$ -
1-Dec-12	156	98.8%	168	99.4%	$ -	$ -	$ -	0.967	$ -
1-Dec-13	144	97.7%	156	98.8%	$ -	$ -	$ -	0.955	$ -
1-Dec-14	132	96.1%	144	97.7%	$ -	$ -	$ -	0.948	$ -
1-Dec-15	120	93.8%	132	96.1%	$ 69,670	$ 17,539	$ 52,132	0.940	$ 49,012
1-Dec-16	108	90.5%	120	93.8%	$ 30,310	$ 6,847	$ 23,463	0.931	$ 21,853
1-Dec-17	96	84.0%	108	90.5%	$ 142,571	$ 34,538	$ 108,033	0.924	$ 99,835
1-Dec-18	84	70.4%	96	84.0%	$ 786,079	$ 361,035	$ 425,044	0.925	$ 393,327
1-Dec-19	72	57.5%	84	70.1%	$ 202,264	$ 51,635	$ 150,629	0.931	$ 140,196
1-Dec-20	60	29.3%	72	57.5%	$ 296,692	$ 118,449	$ 178,242	0.920	$ 163,920
1-Dec-21	48	11.8%	60	29.3%	$ 497,217	$ 98,514	$ 398,703	0.922	$ 367,615
1-Dec-22	36	2.4%	48	11.8%	$ 644,264	$ 61,829	$ 582,435	0.904	$ 526,763
1-Dec-23	24	0.0%	36	2.4%	$ 709,924	$ 16,926	$ 692,998	0.879	$ 609,476
1-Dec-24	12	0.0%	24	0.0%	$ 819,912	$ 88	$ 819,825	0.848	$ 695,264
1-Dec-25	0	0.0%	12	0.0%	$ 850,000	$ 91	$ 849,909	0.815	$ 692,404
Total					$ 5,048,904	$ 767,490	$ 4,281,414		$ 3,759,666

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Medical Malpractice - Cermak Health Services
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid	Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	100.0%	324	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	168	99.4%	180	99.8%	$ -	$ -	$ -	0.980	$ -
1-Dec-13	156	98.8%	168	99.4%	$ -	$ -	$ -	0.967	$ -
1-Dec-14	144	97.7%	156	98.9%	$ -	$ -	$ -	0.955	$ -
1-Dec-15	132	96.1%	144	97.7%	$ 52,132	$ 16,752	$ 35,379	0.948	$ 33,550
1-Dec-16	120	93.8%	132	96.1%	$ 23,463	$ 5,907	$ 17,557	0.940	$ 16,506
1-Dec-17	108	90.5%	120	93.8%	$ 108,033	$ 24,403	$ 83,630	0.931	$ 77,891
1-Dec-18	96	84.0%	108	90.5%	$ 425,044	$ 173,423	$ 251,621	0.924	$ 232,527
1-Dec-19	84	70.1%	96	83.8%	$ 150,629	$ 24,294	$ 126,335	0.925	$ 116,907
1-Dec-20	72	57.5%	84	70.1%	$ 178,242	$ 52,970	$ 125,272	0.931	$ 116,596
1-Dec-21	60	29.3%	72	57.5%	$ 398,703	$ 159,176	$ 239,528	0.920	$ 220,281
1-Dec-22	48	11.8%	60	29.3%	$ 582,435	$ 115,398	$ 467,037	0.922	$ 430,620
1-Dec-23	36	2.4%	48	11.8%	$ 692,998	$ 66,506	$ 626,492	0.904	$ 566,609
1-Dec-24	24	0.0%	36	2.4%	$ 819,825	$ 19,546	$ 800,279	0.879	$ 703,827
1-Dec-25	12	0.0%	24	0.0%	$ 849,909	$ 91	$ 849,819	0.848	$ 720,700
1-Dec-26	0	0.0%	12	0.0%	$ 880,000	$ 94	$ 879,906	0.815	$ 716,842
Total					$ 5,161,414	$ 658,560	$ 4,502,854		$ 3,952,856

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois

Medical Malpractice - Cermak Health Services
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	10/29/1996	8,000,000	8,000,000	-
Prior	8/14/2000	1,350,000	1,350,000	-
12/1/2001	8/21/2002	1,000,000	1,000,000	-
12/1/2003	1/5/2004	2,500,000	2,500,000	-
12/1/2005	9/3/2006	1,000,000	1,000,000	-
12/1/2007	12/21/2007	1,000,000	1,000,000	-
12/1/2009	12/19/2009	1,000,000	1,000,000	-
12/1/2014	1/26/2015	6,000,000	6,000,000	-
12/1/2015	12/1/2015	1,950,000	1,950,000	-
12/1/2018	8/22/2019	1,000,000	-	1,000,000

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Occupied Bed Equivalents	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	436	-	259,882,357	259,882,357	-	-	-	259,882,357	
1-Dec-01	2,090	Various	90	-	23,647,540	23,647,540	-	-	-	23,647,540	11,315
1-Dec-02	2,039	Various	87	-	4,268,645	4,268,645	-	-	-	4,268,645	2,093
1-Dec-03	2,060	20,000,000	129	-	8,377,500	8,377,500	-	-	-	8,377,500	4,066
1-Dec-04	2,032	20,000,000	92	-	33,606,850	33,606,850	-	-	-	33,606,850	16,538
1-Dec-05	1,961	20,000,000	74	-	23,325,000	23,325,000	-	-	-	23,325,000	11,895
1-Dec-06	1,829	20,000,000	57	1	4,850,000	4,750,000	100,000	10,000	110,000	4,860,000	2,657
1-Dec-07	1,864	20,000,000	40	-	7,002,000	7,002,000	-	-	-	7,002,000	3,757
1-Dec-08	1,949	20,000,000	43	-	8,392,500	8,392,500	-	-	-	8,392,500	4,305
1-Dec-09	1,807	Various	42	-	9,092,500	9,092,500	-	-	-	9,092,500	5,033
1-Dec-10	1,814	40,000,000	58	1	10,815,000	10,715,000	100,000	65,000	165,000	10,880,000	5,998
1-Dec-11	1,814	40,000,000	52	2	37,568,999	36,018,999	1,550,000	481,001	2,031,001	38,050,000	20,977
1-Dec-12	1,840	Various	54	3	60,340,000	60,140,000	200,000	160,000	360,000	60,500,000	32,882
1-Dec-13	1,840	30,000,000	39	2	1,775,000	1,625,000	150,000	325,000	475,000	2,100,000	1,141
1-Dec-14	1,728	Various	42	-	23,890,000	23,890,000	-	510,000	510,000	24,400,000	14,123
1-Dec-15	1,787	25,000,000	52	5	10,292,500	9,287,500	1,005,000	1,107,500	2,112,500	11,400,000	6,379
1-Dec-16	1,779	25,000,000	20	-	8,094,000	8,094,000	-	706,000	706,000	8,800,000	4,947
1-Dec-17	1,774	25,000,000	41	4	39,685,000	34,835,000	4,850,000	1,115,000	5,965,000	40,800,000	22,997
1-Dec-18	1,638	25,000,000	41	1	10,411,532	10,161,532	250,000	1,388,468	1,638,468	11,800,000	7,203
1-Dec-19	1,566	Various	27	4	27,792,500	14,442,500	13,350,000	2,207,500	15,557,500	30,000,000	19,153
1-Dec-20	1,701	35,000,000	21	3	25,649,000	14,149,000	11,500,000	4,351,000	15,851,000	30,000,000	17,632
1-Dec-21	1,713	35,000,000	26	5	69,600,000	29,600,000	40,000,000	10,400,000	50,400,000	80,000,000	46,690
1-Dec-22	1,733	35,000,000	16	1	525,000	275,000	250,000	19,475,000	19,725,000	20,000,000	11,540
1-Dec-23	1,761	35,000,000	20	1	100,000	-	100,000	25,900,000	26,000,000	26,000,000	14,760
Total	42,122		1,599	33	708,983,424	635,578,424	73,405,000	68,201,469	141,606,469	777,184,892	12,281
Full Policy Period Projections											
1-Dec-24	1,761	35,000,000								30,800,000	17,513
1-Dec-25	1,761	35,000,000								32,100,000	18,214

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 259,882,357	$ 259,882,357	$ 259,882,357	N/A	N/A	N/A	N/A	$ 259,882,357	$ 259,882,357
1-Dec-01	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ 23,647,540
1-Dec-02	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ 4,268,645
1-Dec-03	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ 8,377,500
1-Dec-04	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ 33,606,850
1-Dec-05	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ 23,325,000
1-Dec-06	$ 4,850,000	$ 4,750,000	$ 4,850,000	$ 4,850,000	$ 4,750,000	$ 4,850,000	$ 4,750,000	$ 4,850,000	$ 4,860,000
1-Dec-07	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ 7,002,000
1-Dec-08	$ 8,393,393	$ 8,392,500	$ 8,392,500	$ 8,394,636	$ 8,392,500	$ 8,394,180	$ 8,392,500	$ 8,393,393	$ 8,392,500
1-Dec-09	$ 9,102,136	$ 9,109,757	$ 9,092,500	$ 9,114,078	$ 9,131,112	$ 9,110,454	$ 9,124,570	$ 9,102,136	$ 9,092,500
1-Dec-10	$ 10,846,663	$ 10,776,090	$ 10,921,157	$ 10,876,533	$ 10,834,498	$ 10,871,064	$ 10,824,034	$ 10,846,663	$ 10,880,000
1-Dec-11	$ 37,801,705	$ 36,430,664	$ 39,423,936	$ 37,702,654	$ 36,264,338	$ 37,706,117	$ 36,272,714	$ 37,801,705	$ 38,050,000
1-Dec-12	$ 61,015,846	$ 61,500,437	$ 60,540,586	$ 60,588,307	$ 60,635,888	$ 60,608,095	$ 60,686,197	$ 61,015,846	$ 60,500,000
1-Dec-13	$ 1,804,455	$ 1,689,770	$ 1,886,257	$ 2,151,902	$ 2,510,052	$ 2,146,577	$ 2,520,323	$ 1,804,455	$ 2,100,000
1-Dec-14	$ 24,417,206	$ 25,414,155	$ 23,890,000	$ 24,364,063	$ 25,206,757	$ 24,350,816	$ 25,218,430	$ 24,417,206	$ 24,400,000
1-Dec-15	$ 10,587,877	$ 10,224,212	$ 10,732,510	$ 10,945,061	$ 11,430,537	$ 10,909,147	$ 11,410,345	$ 10,587,877	$ 11,400,000
1-Dec-16	$ 8,403,476	$ 9,579,715	$ 8,094,000	$ 8,977,303	$ 11,813,838	$ 8,944,518	$ 11,929,825	$ 8,403,476	$ 8,800,000
1-Dec-17	$ 41,508,142	$ 48,934,920	$ 40,557,286	$ 40,767,119	$ 41,933,808	$ 40,813,847	$ 43,057,512	$ 41,508,142	$ 40,800,000
1-Dec-18	$ 11,065,540	$ 17,292,856	$ 10,453,357	$ 11,796,383	$ 19,824,183	$ 11,888,379	$ 22,075,090	$ 11,043,453	$ 11,800,000
1-Dec-19	$ 30,422,632	$ 48,243,327	$ 29,671,674	$ 29,838,163	$ 31,020,931	$ 30,156,873	$ 37,685,256	$ 30,117,054	$ 30,000,000
1-Dec-20	$ 30,092,174	$ 116,735,470	$ 27,971,393	$ 29,558,102	$ 37,415,147	$ 30,539,569	$ 52,094,273	$ 30,363,889	$ 30,000,000
1-Dec-21	$ 109,061,131	$ 1,192,169,961	$ 93,196,866	$ 79,536,085	$ 56,379,143	$ 83,419,269	$ 80,651,888	$ 104,525,258	$ 80,000,000
1-Dec-22	$ 1,359,846	$ 1,247,474,167	$ 922,773	$ 18,089,495	$ 28,878,765	$ 23,071,744	$ 54,897,253	$ 5,713,934	$ 20,000,000
1-Dec-23	$ 443,871	$ -	$ 444,039	$ 23,302,757	$ 29,946,983	$ 28,661,423	$ 57,184,249	$ 15,100,090	$ 26,000,000
Total	$ 761,285,985	$ 3,208,827,894	$ 741,150,725	$ 511,080,176	$ 526,596,013	$ 526,669,609	$ 629,001,995	$ 775,704,469	$ 777,184,892

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 259,882,357	$ 259,882,357	$ 259,882,357	$ -	$ -	$ -	$ -
1-Dec-01	276	Various	$ 23,647,540	$ 23,647,540	$ 23,647,540	$ -	$ -	$ -	$ -
1-Dec-02	264	Various	$ 4,268,645	$ 4,268,645	$ 4,268,645	$ -	$ -	$ -	$ -
1-Dec-03	252	$ 20,000,000	$ 8,377,500	$ 8,377,500	$ 8,377,500	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 20,000,000	$ 33,606,850	$ 33,606,850	$ 33,606,850	$ -	$ -	$ -	$ -
1-Dec-05	228	$ 20,000,000	$ 23,325,000	$ 23,325,000	$ 23,325,000	$ -	$ -	$ -	$ -
1-Dec-06	216	$ 20,000,000	$ 4,860,000	$ 4,850,000	$ 4,750,000	$ 100,000	$ 10,000	$ 110,000	$ 110,000
1-Dec-07	204	$ 20,000,000	$ 7,002,000	$ 7,002,000	$ 7,002,000	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 20,000,000	$ 8,392,500	$ 8,392,500	$ 8,392,500	$ -	$ -	$ -	$ -
1-Dec-09	180	Various	$ 9,092,500	$ 9,092,500	$ 9,092,500	$ -	$ -	$ -	$ -
1-Dec-10	168	$ 40,000,000	$ 10,880,000	$ 10,815,000	$ 10,715,000	$ 100,000	$ 65,000	$ 165,000	$ 159,590
1-Dec-11	156	$ 40,000,000	$ 38,050,000	$ 37,568,999	$ 36,018,999	$ 1,550,000	$ 481,001	$ 2,031,001	$ 1,938,648
1-Dec-12	144	Various	$ 60,500,000	$ 60,340,000	$ 60,140,000	$ 200,000	$ 160,000	$ 360,000	$ 341,386
1-Dec-13	132	$ 30,000,000	$ 2,100,000	$ 1,775,000	$ 1,625,000	$ 150,000	$ 325,000	$ 475,000	$ 446,591
1-Dec-14	120	Various	$ 24,400,000	$ 23,890,000	$ 23,890,000	$ -	$ 510,000	$ 510,000	$ 475,022
1-Dec-15	108	$ 25,000,000	$ 11,400,000	$ 10,292,500	$ 9,287,500	$ 1,005,000	$ 1,107,500	$ 2,112,500	$ 1,952,357
1-Dec-16	96	$ 25,000,000	$ 8,800,000	$ 8,094,000	$ 8,094,000	$ -	$ 706,000	$ 706,000	$ 653,416
1-Dec-17	84	$ 25,000,000	$ 40,800,000	$ 39,685,000	$ 34,835,000	$ 4,850,000	$ 1,115,000	$ 5,965,000	$ 5,553,397
1-Dec-18	72	$ 25,000,000	$ 11,800,000	$ 10,411,532	$ 10,161,532	$ 250,000	$ 1,388,468	$ 1,638,468	$ 1,507,460
1-Dec-19	60	Various	$ 30,000,000	$ 27,792,500	$ 14,442,500	$ 13,350,000	$ 2,207,500	$ 15,557,500	$ 14,355,718
1-Dec-20	48	$ 35,000,000	$ 30,000,000	$ 25,649,000	$ 14,149,000	$ 11,500,000	$ 4,351,000	$ 15,851,000	$ 14,351,586
1-Dec-21	36	$ 35,000,000	$ 80,000,000	$ 69,600,000	$ 29,600,000	$ 40,000,000	$ 10,400,000	$ 50,400,000	$ 44,384,934
1-Dec-22	24	$ 35,000,000	$ 20,000,000	$ 525,000	$ 275,000	$ 250,000	$ 19,475,000	$ 19,725,000	$ 16,751,859
1-Dec-23	12	$ 35,000,000	$ 26,000,000	$ 100,000	$ -	$ 100,000	$ 25,900,000	$ 26,000,000	$ 21,211,836
Total			$ 777,184,892	$ 708,983,424	$ 635,578,424	$ 73,405,000	$ 68,201,469	$ 141,606,469	$ 124,193,802

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 259,882,357	1.000	$ 259,882,357	$ 259,882,357	1.000	$ 259,882,357	$ -	1.000	$ 259,882,357
1-Dec-01	276	$ 23,647,540	1.000	$ 23,647,540	$ 23,647,540	1.000	$ 23,647,540	$ -	1.000	$ 23,647,540
1-Dec-02	264	$ 4,268,645	1.000	$ 4,268,645	$ 4,268,645	1.000	$ 4,268,645	$ -	1.000	$ 4,268,645
1-Dec-03	252	$ 8,377,500	1.000	$ 8,377,500	$ 8,377,500	1.000	$ 8,377,500	$ -	1.000	$ 8,377,500
1-Dec-04	240	$ 33,606,850	1.000	$ 33,606,850	$ 33,606,850	1.000	$ 33,606,850	$ -	1.000	$ 33,606,850
1-Dec-05	228	$ 23,325,000	1.000	$ 23,325,000	$ 23,325,000	1.000	$ 23,325,000	$ -	1.000	$ 23,325,000
1-Dec-06	216	$ 4,850,000	1.000	$ 4,850,000	$ 4,750,000	1.000	$ 4,750,000	$ 100,000	1.000	$ 4,850,000
1-Dec-07	204	$ 7,002,000	1.000	$ 7,002,000	$ 7,002,000	1.000	$ 7,002,000	$ -	1.000	$ 7,002,000
1-Dec-08	192	$ 8,392,500	1.000	$ 8,393,393	$ 8,392,500	1.000	$ 8,392,500	$ -	0.000	$ 8,392,500
1-Dec-09	180	$ 9,092,500	1.001	$ 9,102,136	$ 9,092,500	1.002	$ 9,109,757	$ -	2.267	$ 9,092,500
1-Dec-10	168	$ 10,815,000	1.003	$ 10,846,663	$ 10,715,000	1.006	$ 10,776,090	$ 100,000	2.062	$ 10,921,157
1-Dec-11	156	$ 37,568,999	1.006	$ 37,801,705	$ 36,018,999	1.011	$ 36,430,664	$ 1,550,000	2.197	$ 39,423,936
1-Dec-12	144	$ 60,340,000	1.011	$ 61,015,846	$ 60,140,000	1.023	$ 61,500,437	$ 200,000	2.003	$ 60,540,586
1-Dec-13	132	$ 1,775,000	1.017	$ 1,804,455	$ 1,625,000	1.040	$ 1,689,770	$ 150,000	1.742	$ 1,886,257
1-Dec-14	120	$ 23,890,000	1.022	$ 24,417,206	$ 23,890,000	1.064	$ 25,414,155	$ -	1.563	$ 23,890,000
1-Dec-15	108	$ 10,292,500	1.029	$ 10,587,877	$ 9,287,500	1.101	$ 10,224,212	$ 1,005,000	1.438	$ 10,732,510
1-Dec-16	96	$ 8,094,000	1.038	$ 8,403,476	$ 8,094,000	1.184	$ 9,579,715	$ -	1.311	$ 8,094,000
1-Dec-17	84	$ 39,685,000	1.046	$ 41,508,142	$ 34,835,000	1.405	$ 48,934,920	$ 4,850,000	1.180	$ 40,557,286
1-Dec-18	72	$ 10,411,532	1.063	$ 11,065,540	$ 10,161,532	1.702	$ 17,292,856	$ 250,000	1.167	$ 10,453,357
1-Dec-19	60	$ 27,792,500	1.095	$ 30,422,632	$ 14,442,500	3.340	$ 48,243,327	$ 13,350,000	1.141	$ 29,671,674
1-Dec-20	48	$ 25,649,000	1.173	$ 30,092,174	$ 14,149,000	8.250	$ 116,735,470	$ 11,500,000	1.202	$ 27,971,393
1-Dec-21	36	$ 69,600,000	1.567	$ 109,061,131	$ 29,600,000	40.276	$ 1,192,169,961	$ 40,000,000	1.590	$ 93,196,866
1-Dec-22	24	$ 525,000	2.590	$ 1,359,846	$ 275,000	4536.270	$ 1,247,474,167	$ 250,000	2.591	$ 922,773
1-Dec-23	12	$ 100,000	4.439	$ 443,871	$ -	9072.539	$ -	$ 100,000	4.440	$ 444,039
Total		$ 708,983,424		$ 761,285,985	$ 635,578,424		$ 3,208,827,894	$ 73,405,000		$ 741,150,725

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Occupied Bed Equivalents	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 23,647,540	1.916	1.132	$ 51,308,745	2,090	1.000	15,509	$ 14,938,549	$ 23,647,540
1-Dec-02	264	$ 4,268,645	1.860	1.059	$ 8,413,343	2,039	1.000	14,338	$ 14,836,493	$ 4,268,645
1-Dec-03	252	$ 8,377,500	1.806	1.059	$ 16,030,821	2,060	1.000	14,607	$ 15,728,013	$ 8,377,500
1-Dec-04	240	$ 33,606,850	1.754	1.059	$ 62,435,546	2,032	1.000	15,570	$ 17,030,709	$ 33,606,850
1-Dec-05	228	$ 23,325,000	1.702	1.059	$ 42,071,552	1,961	1.000	14,889	$ 16,186,653	$ 23,325,000
1-Dec-06	216	$ 4,850,000	1.653	1.059	$ 8,493,201	1,829	1.000	13,617	$ 14,225,425	$ 4,850,000
1-Dec-07	204	$ 7,002,000	1.605	1.059	$ 11,904,593	1,864	1.000	13,187	$ 14,457,191	$ 7,002,000
1-Dec-08	192	$ 8,392,500	1.558	1.059	$ 13,853,087	1,949	1.000	13,375	$ 15,795,561	$ 8,394,180
1-Dec-09	180	$ 9,092,500	1.513	0.996	$ 13,702,775	1,807	1.001	14,147	$ 16,959,139	$ 9,110,454
1-Dec-10	168	$ 10,815,000	1.469	0.996	$ 15,823,936	1,814	1.003	15,492	$ 19,205,668	$ 10,871,064
1-Dec-11	156	$ 37,568,999	1.426	0.996	$ 53,367,933	1,814	1.006	17,443	$ 22,273,908	$ 37,706,117
1-Dec-12	144	$ 60,340,000	1.384	1.008	$ 84,205,314	1,840	1.011	18,358	$ 24,203,821	$ 60,608,095
1-Dec-13	132	$ 1,775,000	1.344	1.008	$ 2,404,891	1,840	1.017	16,763	$ 22,763,603	$ 2,146,577
1-Dec-14	120	$ 23,890,000	1.305	1.025	$ 31,962,840	1,728	1.022	16,528	$ 21,342,425	$ 24,350,816
1-Dec-15	108	$ 10,292,500	1.267	1.025	$ 13,369,429	1,787	1.029	16,067	$ 22,103,909	$ 10,909,147
1-Dec-16	96	$ 8,094,000	1.230	1.025	$ 10,207,466	1,779	1.038	16,372	$ 23,094,840	$ 8,944,518
1-Dec-17	84	$ 39,685,000	1.194	1.025	$ 48,589,667	1,774	1.046	17,737	$ 25,700,878	$ 40,813,847
1-Dec-18	72	$ 10,411,532	1.159	1.025	$ 12,376,418	1,638	1.063	18,133	$ 24,987,648	$ 11,888,379
1-Dec-19	60	$ 27,792,500	1.126	1.000	$ 31,280,704	1,566	1.095	19,652	$ 27,348,610	$ 30,156,873
1-Dec-20	48	$ 25,649,000	1.093	1.000	$ 28,027,355	1,701	1.173	21,272	$ 33,122,239	$ 30,539,569
1-Dec-21	36	$ 69,600,000	1.061	1.000	$ 73,838,640	1,713	1.567	23,648	$ 38,193,155	$ 83,419,269
1-Dec-22	24	$ 525,000	1.030	1.000	$ 540,750	1,733	2.590	21,826	$ 36,725,450	$ 23,071,744
1-Dec-23	12	$ 100,000	1.000	1.000	$ 100,000	1,761	4.439	20,930	$ 36,867,288	$ 28,661,423
Total		$ 449,101,067			$ 634,309,006	42,122			$ 518,091,174	$ 526,669,609

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Medical Malpractice - John H. Stroger, Jr. Hospital)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Occupied Bed Equivalents	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 23,647,540	1.916	1.132	$ 51,308,745	2,090	1.000	15,506	$ 14,936,537	$ 23,647,540
1-Dec-02	264	$ 4,268,645	1.860	1.059	$ 8,413,343	2,039	1.000	14,330	$ 14,828,091	$ 4,268,645
1-Dec-03	252	$ 8,377,500	1.806	1.059	$ 16,030,821	2,060	1.000	14,599	$ 15,719,213	$ 8,377,500
1-Dec-04	240	$ 33,606,850	1.754	1.059	$ 62,435,546	2,032	1.000	15,567	$ 17,027,321	$ 33,606,850
1-Dec-05	228	$ 23,325,000	1.702	1.059	$ 42,071,552	1,961	1.000	14,878	$ 16,175,287	$ 23,325,000
1-Dec-06	216	$ 4,750,000	1.653	1.059	$ 8,318,083	1,829	1.000	13,587	$ 14,194,641	$ 4,750,000
1-Dec-07	204	$ 7,002,000	1.605	1.059	$ 11,904,593	1,864	1.000	13,150	$ 14,416,366	$ 7,002,000
1-Dec-08	192	$ 8,392,500	1.558	1.059	$ 13,853,087	1,949	1.000	13,336	$ 15,749,577	$ 8,392,500
1-Dec-09	180	$ 9,092,500	1.513	0.996	$ 13,702,775	1,807	1.002	14,122	$ 16,929,429	$ 9,124,570
1-Dec-10	168	$ 10,715,000	1.469	0.996	$ 15,677,621	1,814	1.006	15,514	$ 19,233,267	$ 10,824,034
1-Dec-11	156	$ 36,018,999	1.426	0.996	$ 51,166,110	1,814	1.011	17,584	$ 22,452,758	$ 36,272,714
1-Dec-12	144	$ 60,140,000	1.384	1.008	$ 83,926,211	1,840	1.023	18,728	$ 24,691,594	$ 60,686,197
1-Dec-13	132	$ 1,625,000	1.344	1.008	$ 2,201,660	1,840	1.040	17,200	$ 23,357,784	$ 2,520,323
1-Dec-14	120	$ 23,890,000	1.305	1.025	$ 31,962,840	1,728	1.064	17,154	$ 22,150,595	$ 25,218,430
1-Dec-15	108	$ 9,287,500	1.267	1.025	$ 12,063,986	1,787	1.101	16,843	$ 23,170,859	$ 11,410,345
1-Dec-16	96	$ 8,094,000	1.230	1.025	$ 10,207,466	1,779	1.184	17,533	$ 24,732,946	$ 11,929,825
1-Dec-17	84	$ 34,835,000	1.194	1.025	$ 42,651,406	1,774	1.405	19,694	$ 28,536,896	$ 43,057,512
1-Dec-18	72	$ 10,161,532	1.159	1.025	$ 12,079,237	1,638	1.702	20,964	$ 28,889,370	$ 22,075,090
1-Dec-19	60	$ 14,442,500	1.126	1.000	$ 16,255,161	1,566	3.340	23,838	$ 33,173,978	$ 37,685,256
1-Dec-20	48	$ 14,149,000	1.093	1.000	$ 15,460,994	1,701	8.250	27,731	$ 43,178,787	$ 52,094,273
1-Dec-21	36	$ 29,600,000	1.061	1.000	$ 31,402,640	1,713	40.276	32,415	$ 52,351,712	$ 80,651,888
1-Dec-22	24	$ 275,000	1.030	1.000	$ 283,250	1,733	4536.270	32,469	$ 54,634,297	$ 54,897,253
1-Dec-23	12	$ -	1.000	1.000	$ -	1,761	9072.539	32,468	$ 57,190,552	$ 57,184,249
Total		$ 375,696,067			$ 553,377,127	42,122			$ 597,721,857	$ 629,001,995

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Medical Malpractice - John H. Stroger, Jr. Hospital)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	436	1.000	436	1.000	$ 596,060	$ 596,060	0	$ 432,526	$ 259,882,357
1-Dec-01	276	90	1.000	90	1.000	$ 262,750	$ 262,750	0	$ 424,934	$ 23,647,540
1-Dec-02	264	87	1.000	87	1.000	$ 49,065	$ 49,065	0	$ 396,892	$ 4,268,645
1-Dec-03	252	129	1.000	129	1.000	$ 64,942	$ 64,942	0	$ 360,096	$ 8,377,500
1-Dec-04	240	92	1.000	92	1.000	$ 365,292	$ 365,292	0	$ 354,946	$ 33,606,850
1-Dec-05	228	74	1.000	74	1.000	$ 315,203	$ 315,203	0	$ 345,135	$ 23,325,000
1-Dec-06	216	57	1.000	57	1.000	$ 85,088	$ 85,088	0	$ 332,824	$ 4,850,000
1-Dec-07	204	40	1.000	40	1.000	$ 175,050	$ 175,050	0	$ 334,110	$ 7,002,000
1-Dec-08	192	43	1.000	43	1.000	$ 195,174	$ 195,195	0	$ 343,047	$ 8,393,393
1-Dec-09	180	42	1.000	42	1.001	$ 216,488	$ 216,718	0	$ 385,055	$ 9,102,136
1-Dec-10	168	58	1.000	58	1.003	$ 186,466	$ 187,011	0	$ 418,744	$ 10,846,663
1-Dec-11	156	52	1.000	52	1.006	$ 722,481	$ 726,956	0	$ 479,319	$ 37,801,705
1-Dec-12	144	54	1.000	54	1.011	$ 1,117,407	$ 1,129,923	0	$ 519,145	$ 61,015,846
1-Dec-13	132	39	1.000	39	1.017	$ 45,513	$ 46,268	0	$ 507,414	$ 1,804,455
1-Dec-14	120	42	1.000	42	1.022	$ 568,810	$ 581,362	0	$ 518,481	$ 24,417,206
1-Dec-15	108	52	1.000	52	1.029	$ 197,933	$ 203,613	0	$ 533,719	$ 10,587,877
1-Dec-16	96	20	1.000	20	1.038	$ 404,700	$ 420,174	0	$ 590,721	$ 8,403,476
1-Dec-17	84	41	1.000	41	1.046	$ 967,927	$ 1,012,394	0	$ 667,648	$ 41,508,142
1-Dec-18	72	41	1.002	41	1.061	$ 253,940	$ 269,353	0	$ 720,406	$ 11,043,453
1-Dec-19	60	27	1.010	27	1.084	$ 1,029,352	$ 1,115,446	0	$ 865,901	$ 30,117,054
1-Dec-20	48	21	1.025	22	1.144	$ 1,221,381	$ 1,397,603	1	$ 1,014,219	$ 30,363,889
1-Dec-21	36	26	1.068	28	1.468	$ 2,676,923	$ 3,928,697	2	$ 1,189,570	$ 104,525,258
1-Dec-22	24	16	1.247	20	2.077	$ 32,813	$ 68,162	4	$ 1,155,837	$ 5,713,934
1-Dec-23	12	20	1.655	33	2.682	$ 5,000	$ 13,409	13	$ 1,140,916	$ 15,100,090
Total		1,599		1,619				20		$ 775,704,469

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)

Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	Various	$ 23,647,540	1.000	8,874	1.132	7,836	$ 16,378,041	0.000	$ -	$ 23,647,540
1-Dec-02	Various	$ 4,268,645	1.000	9,140	1.059	8,627	$ 17,594,073	0.000	$ -	$ 4,268,645
1-Dec-03	$ 20,000,000	$ 8,377,500	1.000	9,414	1.059	8,886	$ 18,307,667	0.000	$ -	$ 8,377,500
1-Dec-04	$ 20,000,000	$ 33,606,850	1.000	9,697	1.059	9,152	$ 18,598,353	0.000	$ -	$ 33,606,850
1-Dec-05	$ 20,000,000	$ 23,325,000	1.000	9,987	1.059	9,427	$ 18,485,121	0.000	$ -	$ 23,325,000
1-Dec-06	$ 20,000,000	$ 4,850,000	1.000	10,287	1.059	9,709	$ 17,763,185	0.000	$ -	$ 4,850,000
1-Dec-07	$ 20,000,000	$ 7,002,000	1.000	10,596	1.059	10,001	$ 18,640,747	0.000	$ -	$ 7,002,000
1-Dec-08	$ 20,000,000	$ 8,392,500	1.000	10,914	1.059	10,301	$ 20,079,965	0.000	$ 2,136	$ 8,394,636
1-Dec-09	Various	$ 9,092,500	1.001	11,241	0.996	11,282	$ 20,382,686	0.001	$ 21,578	$ 9,114,078
1-Dec-10	$ 40,000,000	$ 10,815,000	1.003	11,578	0.996	11,621	$ 21,079,092	0.003	$ 61,533	$ 10,876,533
1-Dec-11	$ 40,000,000	$ 37,568,999	1.006	11,926	0.996	11,969	$ 21,711,464	0.006	$ 133,655	$ 37,702,654
1-Dec-12	Various	$ 60,340,000	1.011	12,283	1.008	12,184	$ 22,417,297	0.011	$ 248,307	$ 60,588,307
1-Dec-13	$ 30,000,000	$ 1,775,000	1.017	12,652	1.008	12,550	$ 23,089,816	0.016	$ 376,902	$ 2,151,902
1-Dec-14	Various	$ 23,890,000	1.022	13,031	1.025	12,709	$ 21,955,953	0.022	$ 474,063	$ 24,364,063
1-Dec-15	$ 25,000,000	$ 10,292,500	1.029	13,422	1.025	13,090	$ 23,391,255	0.028	$ 652,561	$ 10,945,061
1-Dec-16	$ 25,000,000	$ 8,094,000	1.038	13,825	1.025	13,483	$ 23,985,073	0.037	$ 883,303	$ 8,977,303
1-Dec-17	$ 25,000,000	$ 39,685,000	1.046	14,240	1.025	13,887	$ 24,636,990	0.044	$ 1,082,119	$ 40,767,119
1-Dec-18	$ 25,000,000	$ 10,411,532	1.063	14,667	1.025	14,304	$ 23,431,109	0.059	$ 1,384,851	$ 11,796,383
1-Dec-19	Various	$ 27,792,500	1.095	15,107	1.000	15,107	$ 23,662,103	0.086	$ 2,045,663	$ 29,838,163
1-Dec-20	$ 35,000,000	$ 25,649,000	1.173	15,560	1.000	15,560	$ 26,475,076	0.148	$ 3,909,102	$ 29,558,102
1-Dec-21	$ 35,000,000	$ 69,600,000	1.567	16,027	1.000	16,027	$ 27,460,963	0.362	$ 9,936,085	$ 79,536,085
1-Dec-22	$ 35,000,000	$ 525,000	2.590	16,508	1.000	16,508	$ 28,610,072	0.614	$ 17,564,495	$ 18,089,495
1-Dec-23	$ 35,000,000	$ 100,000	4.439	17,003	1.000	17,003	$ 29,950,285	0.775	$ 23,202,757	$ 23,302,757
Total		$ 449,101,067					$ 508,086,385		$ 61,979,109	$ 511,080,176

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Occupied Bed Equivalents) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	Various	$ 23,647,540	1.000	8,874	1.132	7,836	$ 16,378,041	0.000	$ -	$ 23,647,540
1-Dec-02	Various	$ 4,268,645	1.000	9,140	1.059	8,627	$ 17,594,073	0.000	$ -	$ 4,268,645
1-Dec-03	$ 20,000,000	$ 8,377,500	1.000	9,414	1.059	8,886	$ 18,307,667	0.000	$ -	$ 8,377,500
1-Dec-04	$ 20,000,000	$ 33,606,850	1.000	9,697	1.059	9,152	$ 18,598,353	0.000	$ -	$ 33,606,850
1-Dec-05	$ 20,000,000	$ 23,325,000	1.000	9,987	1.059	9,427	$ 18,485,121	0.000	$ -	$ 23,325,000
1-Dec-06	$ 20,000,000	$ 4,750,000	1.000	10,287	1.059	9,709	$ 17,763,185	0.000	$ -	$ 4,750,000
1-Dec-07	$ 20,000,000	$ 7,002,000	1.000	10,596	1.059	10,001	$ 18,640,747	0.000	$ -	$ 7,002,000
1-Dec-08	$ 20,000,000	$ 8,392,500	1.000	10,914	1.059	10,301	$ 20,079,965	0.000	$ -	$ 8,392,500
1-Dec-09	Various	$ 9,092,500	1.002	11,241	0.996	11,282	$ 20,382,686	0.002	$ 38,612	$ 9,131,112
1-Dec-10	$ 40,000,000	$ 10,715,000	1.006	11,578	0.996	11,621	$ 21,079,092	0.006	$ 119,498	$ 10,834,498
1-Dec-11	$ 40,000,000	$ 36,018,999	1.011	11,926	0.996	11,969	$ 21,711,464	0.011	$ 245,339	$ 36,264,338
1-Dec-12	Various	$ 60,140,000	1.023	12,283	1.008	12,184	$ 22,417,297	0.022	$ 495,888	$ 60,635,888
1-Dec-13	$ 30,000,000	$ 1,625,000	1.040	12,652	1.008	12,550	$ 23,089,816	0.038	$ 885,052	$ 2,510,052
1-Dec-14	Various	$ 23,890,000	1.064	13,031	1.025	12,709	$ 21,955,953	0.060	$ 1,316,757	$ 25,206,757
1-Dec-15	$ 25,000,000	$ 9,287,500	1.101	13,422	1.025	13,090	$ 23,391,255	0.092	$ 2,143,037	$ 11,430,537
1-Dec-16	$ 25,000,000	$ 8,094,000	1.184	13,825	1.025	13,483	$ 23,985,073	0.155	$ 3,719,838	$ 11,813,838
1-Dec-17	$ 25,000,000	$ 34,835,000	1.405	14,240	1.025	13,887	$ 24,636,990	0.288	$ 7,098,808	$ 41,933,808
1-Dec-18	$ 25,000,000	$ 10,161,532	1.702	14,667	1.025	14,304	$ 23,431,109	0.412	$ 9,662,650	$ 19,824,183
1-Dec-19	Various	$ 14,442,500	3.340	15,107	1.000	15,107	$ 23,662,103	0.701	$ 16,578,431	$ 31,020,931
1-Dec-20	$ 35,000,000	$ 14,149,000	8.250	15,560	1.000	15,560	$ 26,475,076	0.879	$ 23,266,147	$ 37,415,147
1-Dec-21	$ 35,000,000	$ 29,600,000	40.276	16,027	1.000	16,027	$ 27,460,963	0.975	$ 26,779,143	$ 56,379,143
1-Dec-22	$ 35,000,000	$ 275,000	4536.270	16,508	1.000	16,508	$ 28,610,072	1.000	$ 28,603,765	$ 28,878,765
1-Dec-23	$ 35,000,000	$ -	9072.539	17,003	1.000	17,003	$ 29,950,285	1.000	$ 29,946,983	$ 29,946,983
Total		$ 375,696,067					$ 508,086,385		$ 150,899,947	$ 526,596,013

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Occupied Bed Equivalents) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period	Incurred LDF's		Paid LDF's		Claim	Trend Factors		Occupied
Inception	Unlimited	Limited	Unlimited	Limited	CDF	Loss	Exposure	Bed Equivalents
Prior	1.000	1.000	1.000	1.000	1.000	1.974	1.000	-
1-Dec-01	1.000	1.000	1.000	1.000	1.000	1.916	1.000	2,090
1-Dec-02	1.000	1.000	1.000	1.000	1.000	1.860	1.000	2,039
1-Dec-03	1.000	1.000	1.000	1.000	1.000	1.806	1.000	2,060
1-Dec-04	1.000	1.000	1.000	1.000	1.000	1.754	1.000	2,032
1-Dec-05	1.000	1.000	1.000	1.000	1.000	1.702	1.000	1,961
1-Dec-06	1.000	1.000	1.000	1.000	1.000	1.653	1.000	1,829
1-Dec-07	1.000	1.000	1.000	1.000	1.000	1.605	1.000	1,864
1-Dec-08	1.000	1.000	1.000	1.000	1.000	1.558	1.000	1,949
1-Dec-09	1.001	1.001	1.002	1.002	1.000	1.513	1.000	1,807
1-Dec-10	1.003	1.003	1.006	1.006	1.000	1.469	1.000	1,814
1-Dec-11	1.007	1.006	1.012	1.011	1.000	1.426	1.000	1,814
1-Dec-12	1.012	1.011	1.024	1.023	1.000	1.384	1.000	1,840
1-Dec-13	1.018	1.017	1.043	1.040	1.000	1.344	1.000	1,840
1-Dec-14	1.024	1.022	1.069	1.064	1.000	1.305	1.000	1,728
1-Dec-15	1.031	1.029	1.109	1.101	1.000	1.267	1.000	1,787
1-Dec-16	1.041	1.038	1.199	1.184	1.000	1.230	1.000	1,779
1-Dec-17	1.050	1.046	1.438	1.405	1.000	1.194	1.000	1,774
1-Dec-18	1.068	1.063	1.760	1.702	1.002	1.159	1.000	1,638
1-Dec-19	1.100	1.095	3.486	3.340	1.010	1.126	1.000	1,566
1-Dec-20	1.182	1.173	8.694	8.250	1.025	1.093	1.000	1,701
1-Dec-21	1.598	1.567	42.598	40.276	1.068	1.061	1.000	1,713
1-Dec-22	2.674	2.590	4799.376	4536.270	1.247	1.030	1.000	1,733
1-Dec-23	4.612	4.439	9598.752	9072.539	1.655	1.000	1.000	1,761

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**17513**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends
Column (8) : Flat 0.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 259,882,357	$ 259,882,357	$ -	Various	-	$ -	-	$ -	$ 259,882,357	$ 259,882,357	$ -
1-Dec-01	$ 23,647,540	$ 23,647,540	$ -	Various	-	$ -	-	$ -	$ 23,647,540	$ 23,647,540	$ -
1-Dec-02	$ 4,268,645	$ 4,268,645	$ -	Various	-	$ -	-	$ -	$ 4,268,645	$ 4,268,645	$ -
1-Dec-03	$ 8,377,500	$ 8,377,500	$ -	$ 20,000,000	-	$ -	-	$ -	$ 8,377,500	$ 8,377,500	$ -
1-Dec-04	$ 33,606,850	$ 33,606,850	$ -	$ 20,000,000	-	$ -	-	$ -	$ 33,606,850	$ 33,606,850	$ -
1-Dec-05	$ 23,325,000	$ 23,325,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 23,325,000	$ 23,325,000	$ -
1-Dec-06	$ 4,850,000	$ 4,750,000	$ 100,000	$ 20,000,000	-	$ -	-	$ -	$ 4,850,000	$ 4,750,000	$ 100,000
1-Dec-07	$ 7,002,000	$ 7,002,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 7,002,000	$ 7,002,000	$ -
1-Dec-08	$ 8,392,500	$ 8,392,500	$ -	$ 20,000,000	-	$ -	-	$ -	$ 8,392,500	$ 8,392,500	$ -
1-Dec-09	$ 9,092,500	$ 9,092,500	$ -	Various	-	$ -	-	$ -	$ 9,092,500	$ 9,092,500	$ -
1-Dec-10	$ 10,815,000	$ 10,715,000	$ 100,000	$ 40,000,000	-	$ -	-	$ -	$ 10,815,000	$ 10,715,000	$ 100,000
1-Dec-11	$ 37,568,999	$ 36,018,999	$ 1,550,000	$ 40,000,000	-	$ -	-	$ -	$ 37,568,999	$ 36,018,999	$ 1,550,000
1-Dec-12	$ 60,340,000	$ 60,140,000	$ 200,000	Various	-	$ -	-	$ -	$ 60,340,000	$ 60,140,000	$ 200,000
1-Dec-13	$ 1,775,000	$ 1,625,000	$ 150,000	$ 30,000,000	-	$ -	-	$ -	$ 1,775,000	$ 1,625,000	$ 150,000
1-Dec-14	$ 23,890,000	$ 23,890,000	$ -	Various	-	$ -	-	$ -	$ 23,890,000	$ 23,890,000	$ -
1-Dec-15	$ 10,292,500	$ 9,287,500	$ 1,005,000	$ 25,000,000	-	$ -	-	$ -	$ 10,292,500	$ 9,287,500	$ 1,005,000
1-Dec-16	$ 8,094,000	$ 8,094,000	$ -	$ 25,000,000	-	$ -	-	$ -	$ 8,094,000	$ 8,094,000	$ -
1-Dec-17	$ 39,685,000	$ 34,835,000	$ 4,850,000	$ 25,000,000	-	$ -	-	$ -	$ 39,685,000	$ 34,835,000	$ 4,850,000
1-Dec-18	$ 10,411,532	$ 10,161,532	$ 250,000	$ 25,000,000	-	$ -	-	$ -	$ 10,411,532	$ 10,161,532	$ 250,000
1-Dec-19	$ 27,792,500	$ 14,442,500	$ 13,350,000	Various	-	$ -	-	$ -	$ 27,792,500	$ 14,442,500	$ 13,350,000
1-Dec-20	$ 25,649,000	$ 14,149,000	$ 11,500,000	$ 35,000,000	-	$ -	-	$ -	$ 25,649,000	$ 14,149,000	$ 11,500,000
1-Dec-21	$ 69,600,000	$ 29,600,000	$ 40,000,000	$ 35,000,000	-	$ -	-	$ -	$ 69,600,000	$ 29,600,000	$ 40,000,000
1-Dec-22	$ 525,000	$ 275,000	$ 250,000	$ 35,000,000	-	$ -	-	$ -	$ 525,000	$ 275,000	$ 250,000
1-Dec-23	$ 100,000	$ -	$ 100,000	$ 35,000,000	-	$ -	-	$ -	$ 100,000	$ -	$ 100,000
Total	$ 708,983,424	$ 635,578,424	$ 73,405,000		-	$ -	-	$ -	$ 708,983,424	$ 635,578,424	$ 73,405,000

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]
Column (12) : Column (10) - Column (11)

AON

Exhibit 11

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Occupied Bed Equivalents	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	2,090	90	1.000	90	1.000	90	4.30626%		90	90	4.30626%
1-Dec-02	2,039	87	1.000	87	1.000	87	4.26579%		87	87	4.26579%
1-Dec-03	2,060	129	1.000	129	1.000	129	6.26096%		129	129	6.26096%
1-Dec-04	2,032	92	1.000	92	1.000	92	4.52725%		92	92	4.52725%
1-Dec-05	1,961	74	1.000	74	1.000	74	3.77371%		74	74	3.77371%
1-Dec-06	1,829	57	1.000	57	1.000	57	3.11566%		57	57	3.11566%
1-Dec-07	1,864	40	1.000	40	1.000	40	2.14600%		40	40	2.14600%
1-Dec-08	1,949	43	1.000	43	1.000	43	2.20585%		43	43	2.20585%
1-Dec-09	1,807	42	1.000	42	1.000	42	2.32481%		42	42	2.32481%
1-Dec-10	1,814	58	1.000	58	1.000	58	3.19752%		58	58	3.19752%
1-Dec-11	1,814	52	1.000	52	1.000	52	2.86674%		52	52	2.86674%
1-Dec-12	1,840	54	1.000	54	1.000	54	2.93496%		54	54	2.93496%
1-Dec-13	1,840	39	1.000	39	1.000	39	2.11969%		39	39	2.11969%
1-Dec-14	1,728	42	1.000	42	1.000	42	2.43105%		42	42	2.43105%
1-Dec-15	1,787	52	1.000	52	1.000	52	2.90994%		52	52	2.90994%
1-Dec-16	1,779	20	1.000	20	1.000	20	1.12424%		20	20	1.12424%
1-Dec-17	1,774	41	1.000	41	1.000	41	2.31102%		41	41	2.31102%
1-Dec-18	1,638	41	1.002	41	1.000	41	2.50786%		41	41	2.50786%
1-Dec-19	1,566	27	1.010	27	1.000	27	1.74129%		27	27	1.74129%
1-Dec-20	1,701	21	1.025	22	1.000	22	1.26545%		22	22	1.26545%
1-Dec-21	1,713	26	1.068	28	1.000	28	1.62016%		28	28	1.62016%
1-Dec-22	1,733	16	1.247	20	1.000	20	1.15112%		20	20	1.15112%
1-Dec-23	1,761	20	1.655	33	1.000	33	1.87924%		33	33	1.87924%
Total	42,122	1,163		1,183		1,183	2.80783%		1,183	1,183	2.80783%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	8,476	130	1.52927%	130	1.52927%
Last 3 Policies	5,208	81	1.55170%	81	1.55170%
Last 2 Policies	3,495	53	1.51813%	53	1.51813%
Last 23 Policies	42,122	1,183	2.80783%	1,183	2.80783%

Selected Bornhuetter-Ferguson Frequency Rate	**2.05415%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	1.000
Selected Frequency Rate adjusted to the Renewal Policy Period Level	2.05415%
Occupied Bed Equivalents for 1-Dec-24	1,761
Projected Count for 1-Dec-24	36

AON

Exhibit 12

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital
Medical Malpractice - John H. Stroger, Jr. Hospital Experience @ 11/30/24
Losses Limited to Retentions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred Loss	Selected Ultimate Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Ultimate Loss	Occupied Bed Equivalents	Exposure Trend Factor	Trended Occupied Bed Equivalents	Trended Loss Rate
1-Dec-01	23,647,540	23,647,540	1.974	1.132	52,848,008	2,090	1.000	2,090	25,286
1-Dec-02	4,268,645	4,268,645	1.916	1.059	8,665,743	2,039	1.000	2,039	4,250
1-Dec-03	8,377,500	8,377,500	1.860	1.059	16,511,746	2,060	1.000	2,060	8,015
1-Dec-04	33,606,850	33,606,850	1.806	1.059	64,308,612	2,032	1.000	2,032	31,648
1-Dec-05	23,325,000	23,325,000	1.754	1.059	43,333,699	1,961	1.000	1,961	22,098
1-Dec-06	4,850,000	4,860,000	1.702	1.059	8,766,034	1,829	1.000	1,829	4,793
1-Dec-07	7,002,000	7,002,000	1.653	1.059	12,261,730	1,864	1.000	1,864	6,578
1-Dec-08	8,392,500	8,392,500	1.605	1.059	14,268,679	1,949	1.000	1,949	7,321
1-Dec-09	9,092,500	9,092,500	1.558	0.996	14,113,858	1,807	1.000	1,807	7,811
1-Dec-10	10,815,000	10,880,000	1.513	0.996	16,396,611	1,814	1.000	1,814	9,039
1-Dec-11	37,568,999	38,050,000	1.469	0.996	55,672,746	1,814	1.000	1,814	30,691
1-Dec-12	60,340,000	60,500,000	1.426	1.008	86,961,454	1,840	1.000	1,840	47,262
1-Dec-13	1,775,000	2,100,000	1.384	1.008	2,930,579	1,840	1.000	1,840	1,593
1-Dec-14	23,890,000	24,400,000	1.344	1.025	33,624,533	1,728	1.000	1,728	19,459
1-Dec-15	10,292,500	11,400,000	1.305	1.025	15,252,255	1,787	1.000	1,787	8,535
1-Dec-16	8,094,000	8,800,000	1.267	1.025	11,430,748	1,779	1.000	1,779	6,425
1-Dec-17	39,685,000	40,800,000	1.230	1.025	51,453,500	1,774	1.000	1,774	29,004
1-Dec-18	10,411,532	11,800,000	1.194	1.025	14,447,728	1,638	1.000	1,638	8,820
1-Dec-19	27,792,500	30,000,000	1.159	1.000	34,778,222	1,566	1.000	1,566	22,208
1-Dec-20	25,649,000	30,000,000	1.126	1.000	33,765,264	1,701	1.000	1,701	19,850
1-Dec-21	69,600,000	80,000,000	1.093	1.000	87,418,160	1,713	1.000	1,713	51,032
1-Dec-22	525,000	20,000,000	1.061	1.000	21,218,000	1,733	1.000	1,733	12,244
1-Dec-23	100,000	26,000,000	1.030	1.000	26,780,000	1,761	1.000	1,761	15,207
All Year Weighted Average					727,207,909			42,119	17,266
Latest 5-Year Weighted Average					203,959,646			8,474	24,069
Latest 3-Year Weighted Average					135,416,160			5,207	26,007
SELECTED - Based on Shaded PY					333,098,989			19,020	**17,513**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Medical Malpractice - John H. Stroger, Jr. Hospital
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Occupied Bed Equivalents	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	35,000,000	1,761	36	17,513	30,800,000
1-Dec-25	35,000,000	1,761	36	18,214	32,100,000
1-Dec-26	35,000,000	1,761	36	18,942	33,400,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Average : $466,835 sigma = 1.954
CV : 6.67 mu = 11.145

Limitation of Incurred LDF's for Medical Malpractice - John H. Stroger, Jr. Hospital

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	10,000,000	2.545	0.592	0.995	0.723	392,104	10,000,000	2.545	0.592	0.995	0.723	392,104	1.000
276	1.000	1.000	15,000,000	2.753	0.799	0.997	0.788	412,143	15,000,000	2.753	0.799	0.997	0.788	412,143	1.000
264	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
252	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
240	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
228	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
216	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
204	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
192	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,002,333	2.900	0.947	0.998	0.828	423,875	1.000
180	1.001	1.000	40,000,000	3.255	1.301	0.999	0.903	444,437	40,044,670	3.256	1.302	0.999	0.904	444,462	1.001
168	1.003	1.000	40,000,000	3.255	1.301	0.999	0.903	444,437	40,123,406	3.257	1.303	0.999	0.904	444,506	1.003
156	1.007	1.000	40,000,000	3.255	1.301	0.999	0.903	444,437	40,261,092	3.258	1.305	0.999	0.904	444,584	1.006
144	1.012	1.000	30,000,000	3.108	1.154	0.999	0.876	437,124	30,359,281	3.114	1.160	0.999	0.877	437,459	1.011
132	1.018	1.000	30,000,000	3.108	1.154	0.999	0.876	437,124	30,532,303	3.117	1.163	0.999	0.878	437,618	1.017
120	1.024	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	25,596,248	3.026	1.073	0.999	0.858	432,368	1.022
108	1.031	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	25,775,421	3.030	1.076	0.999	0.859	432,589	1.029
96	1.041	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	26,033,176	3.035	1.082	0.999	0.860	432,901	1.038
84	1.050	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	26,241,441	3.039	1.086	0.999	0.861	433,150	1.046
72	1.068	1.002	25,000,000	3.014	1.061	0.999	0.856	431,616	26,640,292	3.047	1.093	0.999	0.863	433,617	1.063
60	1.100	1.010	35,000,000	3.187	1.233	0.999	0.891	441,242	38,105,500	3.230	1.277	0.999	0.899	443,315	1.095
48	1.182	1.025	35,000,000	3.187	1.233	0.999	0.891	441,242	40,358,042	3.260	1.306	0.999	0.904	444,638	1.173
36	1.598	1.068	35,000,000	3.187	1.233	0.999	0.891	441,242	52,376,644	3.393	1.439	1.000	0.925	449,919	1.567
24	2.674	1.247	35,000,000	3.187	1.233	0.999	0.891	441,242	75,052,551	3.577	1.624	1.000	0.948	455,485	2.590
12	4.612	1.655	35,000,000	3.187	1.233	0.999	0.891	441,242	97,534,373	3.711	1.758	1.000	0.961	458,498	4.439

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital

Average : $466,835 sigma = 1.954
CV : 6.67 mu = 11.145

Limitation of Paid LDF's for Medical Malpractice - John H. Stroger, Jr. Hospital

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	10,000,000	2.545	0.592	0.995	0.723	392,104	10,000,000	2.545	0.592	0.995	0.723	392,104	1.000
276	1.000	1.000	15,000,000	2.753	0.799	0.997	0.788	412,143	15,000,000	2.753	0.799	0.997	0.788	412,143	1.000
264	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
252	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
240	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
228	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
216	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
204	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
192	1.000	1.000	20,000,000	2.900	0.947	0.998	0.828	423,870	20,000,000	2.900	0.947	0.998	0.828	423,870	1.000
180	1.002	1.000	40,000,000	3.255	1.301	0.999	0.903	444,437	40,080,000	3.256	1.302	0.999	0.904	444,482	1.002
168	1.006	1.000	40,000,000	3.255	1.301	0.999	0.903	444,437	40,240,320	3.258	1.304	0.999	0.904	444,572	1.006
156	1.012	1.000	40,000,000	3.255	1.301	0.999	0.903	444,437	40,481,762	3.261	1.308	0.999	0.904	444,707	1.011
144	1.024	1.000	30,000,000	3.108	1.154	0.999	0.876	437,124	30,725,657	3.120	1.166	0.999	0.878	437,794	1.023
132	1.043	1.000	30,000,000	3.108	1.154	0.999	0.876	437,124	31,278,719	3.129	1.176	0.999	0.880	438,286	1.040
120	1.069	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	26,724,228	3.049	1.095	0.999	0.863	433,714	1.064
108	1.109	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	27,726,387	3.067	1.114	0.999	0.867	434,830	1.101
96	1.199	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	29,964,219	3.107	1.154	0.999	0.876	437,090	1.184
84	1.438	1.000	25,000,000	3.014	1.061	0.999	0.856	431,616	35,957,063	3.200	1.247	0.999	0.894	441,915	1.405
72	1.760	1.002	25,000,000	3.014	1.061	0.999	0.856	431,616	43,922,179	3.303	1.349	1.000	0.911	446,480	1.702
60	3.486	1.010	35,000,000	3.187	1.233	0.999	0.891	441,242	120,770,408	3.821	1.867	1.000	0.969	460,425	3.340
48	8.694	1.025	35,000,000	3.187	1.233	0.999	0.891	441,242	296,766,478	4.281	2.327	1.000	0.990	464,940	8.250
36	42.598	1.068	35,000,000	3.187	1.233	0.999	0.891	441,242	1,396,410,582	5.074	3.120	1.000	0.999	466,685	40.276
24	4799.376	1.247	35,000,000	3.187	1.233	0.999	0.891	441,242	134,717,104,176	7.413	5.459	1.000	1.000	466,835	4536.270
12	9598.752	1.655	35,000,000	3.187	1.233	0.999	0.891	441,242	202,981,227,274	7.622	5.669	1.000	1.000	466,835	9072.539

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - JOHN H. STROGER, JR. HOSPITAL

Calculation of Occupied Bed Equivalents

Occurrence Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Physicians (6)	Housestaff (7)	Occupied Bed Equivalents (8)
Prior							
12/1/2001	388	141,693	502,382	189,599	414	444	2,090
12/1/2002	345	150,271	498,328	172,516	400	457	2,039
12/1/2003	353	148,568	520,088	174,789	401	463	2,060
12/1/2004	352	141,500	511,426	173,667	397	461	2,032
12/1/2005	338	135,358	512,883	152,169	378	460	1,961
12/1/2006	317	128,643	415,673	136,033	355	450	1,829
12/1/2007	314	127,998	392,825	128,266	389	433	1,864
12/1/2008	313	155,000	432,529	143,627	389	446	1,949
12/1/2009	313	155,000	127,500	64,000	389	460	1,807
12/1/2010	313	131,000	127,500	64,000	420	455	1,814
12/1/2011	313	131,000	127,500	64,000	420	455	1,814
12/1/2012	302	137,000	175,000	64,000	433	433	1,840
12/1/2013	302	137,000	175,000	64,000	433	433	1,840
12/1/2014	281	116,583	153,407	43,077	420	420	1,728
12/1/2015	281	123,158	258,721	52,714	420	421	1,787
12/1/2016	281	122,537	252,642	50,027	420	417	1,779
12/1/2017	281	115,511	274,154	47,549	420	418	1,774
12/1/2018	245	118,368	0	46,970	420	424	1,638
12/1/2019	231	85,796	0	40,688	420	437	1,566
12/1/2020	234	83,139	0	50,708	475	475	1,701
12/1/2021	243	85,068	0	44,790	475	475	1,713
12/1/2022	262	88,502	0	37,187	473	475	1,733
12/1/2023	274	93,119	0	34,834	478	475	1,761
12/1/2024	274	93,119	0	34,834	478	475	1,761

(2) through (7) were provided by the County.

The exposures in (2) through (7) are converted to occupied bed equivalents using the following exposure conversion factors, which were published in the Aon/ASHRM Hospital Professional Liability and Physician Liability Benchmark Analysis published in October 2018. The weight for Housestaff is based on actuarial judgement.

Exposure	Conversion Factor	
Inpatients	1.000	
ER Visits	0.200	per 100
Other Visits	0.040	per 100
Class 1 physician	1.900	
Housestaff	0.800	(residents and interns)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid	Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	216	100.0%	228	100.0%	$ 110,000	$ -	$ 110,000	1.000	$ 110,000
1-Dec-07	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	168	99.4%	180	99.8%	$ 165,000	$ 109,864	$ 55,136	0.980	$ 54,039
1-Dec-11	156	98.8%	168	99.4%	$ 2,031,001	$ 1,012,080	$ 1,018,921	0.967	$ 985,512
1-Dec-12	144	97.6%	156	98.9%	$ 360,000	$ 178,724	$ 181,276	0.955	$ 173,033
1-Dec-13	132	95.9%	144	97.8%	$ 475,000	$ 200,877	$ 274,123	0.948	$ 259,950
1-Dec-14	120	93.5%	132	96.2%	$ 510,000	$ 128,455	$ 381,545	0.940	$ 358,725
1-Dec-15	108	90.2%	120	94.0%	$ 2,112,500	$ 729,653	$ 1,382,847	0.931	$ 1,288,004
1-Dec-16	96	83.4%	108	90.8%	$ 706,000	$ 171,185	$ 534,815	0.924	$ 494,272
1-Dec-17	84	69.5%	96	84.5%	$ 5,965,000	$ 2,754,330	$ 3,210,670	0.926	$ 2,971,536
1-Dec-18	72	56.8%	84	71.2%	$ 1,638,468	$ 493,661	$ 1,144,807	0.931	$ 1,065,812
1-Dec-19	60	28.7%	72	58.3%	$ 15,557,500	$ 6,291,586	$ 9,265,914	0.920	$ 8,525,035
1-Dec-20	48	11.5%	60	29.9%	$ 15,851,000	$ 3,213,549	$ 12,637,451	0.923	$ 11,661,237
1-Dec-21	36	2.3%	48	12.1%	$ 50,400,000	$ 4,981,074	$ 45,418,926	0.905	$ 41,122,557
1-Dec-22	24	0.0%	36	2.5%	$ 19,725,000	$ 485,504	$ 19,239,496	0.881	$ 16,943,328
1-Dec-23	12	0.0%	24	0.0%	$ 26,000,000	$ 2,866	$ 25,997,134	0.849	$ 22,078,597
1-Dec-24	0	0.0%	12	0.0%	$ 30,800,000	$ 3,395	$ 30,796,605	0.816	$ 25,125,098
Total					$ 172,406,469	$20,756,803	$ 151,649,665		$ 133,216,734

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid	Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	228	100.0%	240	100.0%	$ 110,000	$ -	$ 110,000	1.000	$ 110,000
1-Dec-07	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	180	99.8%	192	100.0%	$ 55,136	$ 52,672	$ 2,464	1.000	$ 2,464
1-Dec-11	168	99.4%	180	99.8%	$ 1,018,921	$ 678,442	$ 340,479	0.980	$ 333,707
1-Dec-12	156	98.9%	168	99.4%	$ 181,276	$ 90,339	$ 90,937	0.967	$ 87,955
1-Dec-13	144	97.8%	156	98.9%	$ 274,123	$ 136,090	$ 138,033	0.955	$ 131,756
1-Dec-14	132	96.2%	144	97.8%	$ 381,545	$ 122,650	$ 258,895	0.948	$ 245,509
1-Dec-15	120	94.0%	132	96.2%	$ 1,382,847	$ 508,056	$ 874,790	0.940	$ 822,470
1-Dec-16	108	90.8%	120	94.0%	$ 534,815	$ 120,891	$ 413,924	0.931	$ 385,535
1-Dec-17	96	84.5%	108	90.8%	$ 3,210,670	$ 1,314,013	$ 1,896,657	0.924	$ 1,752,876
1-Dec-18	84	71.2%	96	84.5%	$ 1,144,807	$ 279,652	$ 865,155	0.926	$ 800,718
1-Dec-19	72	58.3%	84	70.8%	$ 9,265,914	$ 2,777,501	$ 6,488,414	0.931	$ 6,040,694
1-Dec-20	60	29.9%	72	58.3%	$ 12,637,451	$ 5,110,693	$ 7,526,758	0.920	$ 6,924,937
1-Dec-21	48	12.1%	60	29.9%	$ 45,418,926	$ 9,207,995	$ 36,210,931	0.923	$ 33,413,718
1-Dec-22	36	2.5%	48	12.1%	$ 19,239,496	$ 1,901,455	$ 17,338,040	0.905	$ 15,697,961
1-Dec-23	24	0.0%	36	2.5%	$ 25,997,134	$ 639,884	$ 25,357,249	0.881	$ 22,330,949
1-Dec-24	12	0.0%	24	0.0%	$ 30,796,605	$ 3,395	$ 30,793,210	0.849	$ 26,151,763
1-Dec-25	0	0.0%	12	0.0%	$ 32,100,000	$ 3,538	$ 32,096,462	0.816	$ 26,185,573
Total					$ 183,749,665	$22,947,267	$ 160,802,399		$ 141,418,586

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Medical Malpractice - John H. Stroger, Jr. Hospital
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid	Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	100.0%	324	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	240	100.0%	252	100.0%	$ 110,000	$ -	$ 110,000	1.000	$ 110,000
1-Dec-07	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	192	100.0%	204	100.0%	$ 2,464	$ 2,464	$ (0)	1.000	$ (0)
1-Dec-11	180	99.8%	192	100.0%	$ 340,479	$ 331,832	$ 8,647	1.000	$ 8,647
1-Dec-12	168	99.4%	180	99.8%	$ 90,937	$ 60,551	$ 30,386	0.980	$ 29,781
1-Dec-13	156	98.9%	168	99.4%	$ 138,033	$ 68,789	$ 69,244	0.967	$ 66,974
1-Dec-14	144	97.8%	156	98.9%	$ 258,895	$ 117,077	$ 141,817	0.955	$ 135,369
1-Dec-15	132	96.2%	144	97.8%	$ 874,790	$ 370,019	$ 504,771	0.948	$ 478,672
1-Dec-16	120	94.0%	132	96.2%	$ 413,924	$ 104,256	$ 309,668	0.940	$ 291,147
1-Dec-17	108	90.8%	120	94.0%	$ 1,896,657	$ 655,101	$ 1,241,555	0.931	$ 1,156,403
1-Dec-18	96	84.5%	108	90.8%	$ 865,155	$ 209,775	$ 655,380	0.924	$ 605,697
1-Dec-19	84	70.8%	96	84.2%	$ 6,488,414	$ 2,988,259	$ 3,500,154	0.926	$ 3,239,459
1-Dec-20	72	58.3%	84	70.8%	$ 7,526,758	$ 2,256,181	$ 5,270,578	0.931	$ 4,906,892
1-Dec-21	60	29.9%	72	58.3%	$ 36,210,931	$14,644,010	$ 21,566,921	0.920	$ 19,842,485
1-Dec-22	48	12.1%	60	29.9%	$ 17,338,040	$ 3,515,024	$ 13,823,017	0.923	$ 12,755,220
1-Dec-23	36	2.5%	48	12.1%	$ 25,357,249	$ 2,506,078	$ 22,851,171	0.905	$ 20,689,582
1-Dec-24	24	0.0%	36	2.5%	$ 30,793,210	$ 757,933	$ 30,035,277	0.881	$ 26,450,670
1-Dec-25	12	0.0%	24	0.0%	$ 32,096,462	$ 3,538	$ 32,092,924	0.849	$ 27,255,571
1-Dec-26	0	0.0%	12	0.0%	$ 33,400,000	$ 3,681	$ 33,396,319	0.816	$ 27,246,048
Total					$ 194,202,399	$28,594,570	$ 165,607,829		$ 145,268,618

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois

Medical Malpractice - John H. Stroger, Jr. Hospital
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	8/23/1972	2,514,239	2,514,239	-
Prior	5/9/1976	5,000,000	5,000,000	-
Prior	8/4/1979	3,000,000	3,000,000	-
Prior	2/18/1984	3,000,000	3,000,000	-
Prior	10/31/1985	9,750,000	9,750,000	-
Prior	8/17/1986	6,750,000	6,750,000	-
Prior	9/10/1986	1,656,477	1,656,477	-
Prior	1/27/1987	1,000,000	1,000,000	-
Prior	3/6/1988	5,250,000	5,250,000	-
Prior	1/21/1990	6,500,000	6,500,000	-
Prior	1/31/1990	1,450,000	1,450,000	-
Prior	4/12/1990	3,000,000	3,000,000	-
Prior	9/5/1990	1,750,000	1,750,000	-
Prior	12/27/1990	1,875,000	1,875,000	-
Prior	5/5/1991	3,600,000	3,600,000	-
Prior	1/1/1993	6,000,000	6,000,000	-
Prior	5/19/1993	7,400,000	7,400,000	-
Prior	5/25/1993	1,500,000	1,500,000	-
Prior	6/19/1993	3,600,000	3,600,000	-
Prior	6/23/1993	1,850,000	1,850,000	-
Prior	6/30/1993	1,500,000	1,500,000	-
Prior	7/18/1993	15,000,000	15,000,000	-
Prior	8/21/1993	2,000,000	2,000,000	-
Prior	9/15/1993	2,000,000	2,000,000	-
Prior	9/24/1993	5,000,000	5,000,000	-
Prior	10/16/1993	2,500,000	2,500,000	-
Prior	12/28/1993	1,500,000	1,500,000	-
Prior	2/9/1994	2,000,000	2,000,000	-

Cook County, Illinois

Medical Malpractice - John H. Stroger, Jr. Hospital
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	6/22/1994	2,000,000	2,000,000	-
Prior	10/8/1994	1,000,000	1,000,000	-
Prior	1/26/1995	2,800,000	2,800,000	-
Prior	7/19/1995	3,000,000	3,000,000	-
Prior	7/27/1995	3,000,000	3,000,000	-
Prior	8/3/1995	1,350,000	1,350,000	-
Prior	8/16/1995	3,500,000	3,500,000	-
Prior	1/1/1996	5,200,000	5,200,000	-
Prior	1/16/1996	1,000,000	1,000,000	-
Prior	3/5/1996	2,430,979	2,430,979	-
Prior	6/26/1996	1,750,000	1,750,000	-
Prior	11/25/1996	1,500,000	1,500,000	-
Prior	10/21/1997	6,750,000	6,750,000	-
Prior	11/23/1997	1,100,000	1,100,000	-
Prior	12/12/1997	3,500,000	3,500,000	-
Prior	4/9/1998	19,250,000	19,250,000	-
Prior	8/28/1998	1,500,000	1,500,000	-
Prior	10/18/1998	1,500,000	1,500,000	-
Prior	5/4/1999	5,500,000	5,500,000	-
Prior	5/5/1999	2,000,000	2,000,000	-
Prior	10/19/1999	3,000,000	3,000,000	-
Prior	12/8/1999	4,000,000	4,000,000	-
Prior	1/3/2000	12,000,000	12,000,000	-
Prior	1/5/2000	1,250,000	1,250,000	-
Prior	5/31/2000	10,000,000	10,000,000	-
Prior	10/17/2000	1,250,000	1,250,000	-
Prior	11/22/2000	2,100,000	2,100,000	-
Prior	3/6/2001	7,000,000	7,000,000	-

Cook County, Illinois

Medical Malpractice - John H. Stroger, Jr. Hospital
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	7/20/2001	1,100,000	1,100,000	-
12/1/2001	9/9/2002	12,000,000	12,000,000	-
12/1/2001	9/20/2002	9,000,000	9,000,000	-
12/1/2001	11/29/2002	1,350,000	1,350,000	-
12/1/2002	4/21/2003	1,200,000	1,200,000	-
12/1/2002	7/21/2003	1,500,000	1,500,000	-
12/1/2003	12/19/2003	3,750,000	3,750,000	-
12/1/2003	1/5/2004	1,450,000	1,450,000	-
12/1/2004	3/4/2005	4,500,000	4,500,000	-
12/1/2004	4/22/2005	1,000,000	1,000,000	-
12/1/2004	5/13/2005	2,000,000	2,000,000	-
12/1/2004	8/2/2005	14,000,000	14,000,000	-
12/1/2004	8/12/2005	9,800,000	9,800,000	-
12/1/2005	8/8/2006	12,000,000	12,000,000	-
12/1/2005	9/15/2006	6,250,000	6,250,000	-
12/1/2005	9/23/2006	1,200,000	1,200,000	-
12/1/2005	10/21/2006	1,250,000	1,250,000	-
12/1/2006	3/1/2007	1,750,000	1,750,000	-
12/1/2006	10/3/2007	1,000,000	1,000,000	-
12/1/2006	10/19/2007	1,700,000	1,700,000	-
12/1/2007	1/18/2008	2,400,000	2,400,000	-
12/1/2007	5/30/2008	2,050,000	2,050,000	-
12/1/2007	10/11/2008	2,500,000	2,500,000	-
12/1/2008	1/10/2009	3,000,000	3,000,000	-
12/1/2008	4/6/2009	2,250,000	2,250,000	-
12/1/2008	6/21/2009	1,250,000	1,250,000	-
12/1/2009	6/16/2010	1,337,500	1,337,500	-
12/1/2009	6/21/2010	2,250,000	2,250,000	-

Cook County, Illinois

Medical Malpractice - John H. Stroger, Jr. Hospital
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2009	9/1/2010	1,700,000	1,700,000	-
12/1/2009	10/5/2010	3,000,000	3,000,000	-
12/1/2010	12/19/2010	2,400,000	2,400,000	-
12/1/2010	3/20/2011	1,400,000	1,400,000	-
12/1/2010	9/29/2011	4,500,000	4,500,000	-
12/1/2011	12/2/2011	20,000,000	20,000,000	-
12/1/2011	12/24/2011	1,300,000	1,300,000	-
12/1/2011	2/5/2012	1,500,000	1,500,000	-
12/1/2011	2/28/2012	3,000,000	3,000,000	-
12/1/2011	5/7/2012	3,000,000	3,000,000	-
12/1/2011	6/11/2012	1,500,000	-	1,500,000
12/1/2011	6/25/2012	5,000,000	5,000,000	-
12/1/2012	12/26/2012	2,000,000	2,000,000	-
12/1/2012	3/5/2013	2,000,000	2,000,000	-
12/1/2012	4/11/2013	3,000,000	3,000,000	-
12/1/2012	5/9/2013	6,450,000	6,450,000	-
12/1/2012	7/12/2013	23,750,000	23,750,000	-
12/1/2012	9/5/2013	3,980,000	3,980,000	-
12/1/2012	10/5/2013	5,900,000	5,900,000	-
12/1/2012	11/15/2013	1,500,000	1,500,000	-
12/1/2012	11/28/2013	7,000,000	7,000,000	-
12/1/2014	8/18/2015	13,000,000	13,000,000	-
12/1/2014	9/14/2015	5,000,000	5,000,000	-
12/1/2014	9/28/2015	1,000,000	1,000,000	-
12/1/2014	11/4/2015	3,000,000	3,000,000	-
12/1/2015	1/25/2016	1,250,000	1,250,000	-
12/1/2015	5/2/2016	3,000,000	3,000,000	-

Cook County, Illinois

Medical Malpractice - John H. Stroger, Jr. Hospital
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2015	7/23/2016	1,500,000	1,500,000	-
12/1/2015	11/4/2016	1,050,000	1,050,000	-
12/1/2015	11/13/2016	2,200,000	2,200,000	-
12/1/2016	3/28/2017	2,000,000	2,000,000	-
12/1/2016	4/13/2017	2,250,000	2,250,000	-
12/1/2016	10/17/2017	3,400,000	3,400,000	-
12/1/2017	2/19/2018	2,500,000	2,500,000	-
12/1/2017	4/21/2018	1,360,000	1,360,000	-
12/1/2017	4/30/2018	4,000,000	4,000,000	-
12/1/2017	5/26/2018	2,875,000	2,875,000	-
12/1/2017	6/16/2018	2,600,000	2,600,000	-
12/1/2017	9/1/2018	6,750,000	6,750,000	-
12/1/2017	9/2/2018	5,000,000	5,000,000	-
12/1/2017	9/13/2018	4,000,000	-	4,000,000
12/1/2017	10/8/2018	9,750,000	9,750,000	-
12/1/2018	5/13/2019	3,125,000	3,125,000	-
12/1/2018	5/27/2019	4,750,000	4,750,000	-
12/1/2018	6/8/2019	1,800,000	1,800,000	-
12/1/2019	12/21/2019	2,000,000	-	2,000,000
12/1/2019	1/4/2020	2,000,000	2,000,000	-
12/1/2019	1/13/2020	6,750,000	6,750,000	-
12/1/2019	3/7/2020	1,056,000	1,056,000	-
12/1/2019	3/11/2020	1,000,000	-	1,000,000
12/1/2019	6/22/2020	3,900,000	3,900,000	-
12/1/2019	9/26/2020	10,000,000	-	10,000,000
12/1/2020	2/15/2021	3,750,000	3,750,000	-
12/1/2020	3/14/2021	5,000,000	5,000,000	-
12/1/2020	4/3/2021	3,400,000	3,400,000	-

Cook County, Illinois

Medical Malpractice - John H. Stroger, Jr. Hospital
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2020	8/28/2021	9,000,000	-	9,000,000
12/1/2020	8/29/2021	2,000,000	-	2,000,000
12/1/2021	12/1/2021	5,000,000	-	5,000,000
12/1/2021	12/8/2021	3,000,000	-	3,000,000
12/1/2021	3/17/2022	20,000,000	-	20,000,000
12/1/2021	7/6/2022	8,000,000	-	8,000,000
12/1/2021	7/14/2022	4,000,000	-	4,000,000
12/1/2021	7/16/2022	3,500,000	3,500,000	-
12/1/2021	9/19/2022	8,100,000	8,100,000	-
12/1/2021	11/30/2022	18,000,000	18,000,000	-

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Occupied Bed Equivalents	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	191	-	61,728,067	61,728,067	-	-	-	61,728,067	
1-Dec-01	596	Various	20	-	1,050,000	1,050,000	-	-	-	1,050,000	1,761
1-Dec-02	616	Various	25	-	2,875,000	2,875,000	-	-	-	2,875,000	4,668
1-Dec-03	644	20,000,000	23	-	28,235,000	28,235,000	-	-	-	28,235,000	43,874
1-Dec-04	651	20,000,000	24	-	1,990,000	1,990,000	-	-	-	1,990,000	3,056
1-Dec-05	634	20,000,000	23	-	1,045,000	1,045,000	-	-	-	1,045,000	1,647
1-Dec-06	592	20,000,000	8	-	-	-	-	-	-	-	-
1-Dec-07	551	20,000,000	7	-	300,000	300,000	-	-	-	300,000	545
1-Dec-08	691	20,000,000	5	-	475,000	475,000	-	-	-	475,000	688
1-Dec-09	894	Various	7	-	800,000	800,000	-	-	-	800,000	895
1-Dec-10	905	40,000,000	4	-	-	-	-	-	-	-	-
1-Dec-11	836	40,000,000	5	-	1,815,000	1,815,000	-	-	-	1,815,000	2,172
1-Dec-12	603	Various	5	-	1,175,000	1,175,000	-	-	-	1,175,000	1,947
1-Dec-13	603	30,000,000	3	-	425,000	425,000	-	-	-	425,000	704
1-Dec-14	417	Various	3	1	50,715	715	50,000	4,285	54,285	55,000	132
1-Dec-15	405	25,000,000	3	-	2,945,000	2,945,000	-	-	-	2,945,000	7,270
1-Dec-16	424	25,000,000	3	-	-	-	-	50,000	50,000	50,000	118
1-Dec-17	466	25,000,000	3	-	-	-	-	100,000	100,000	100,000	215
1-Dec-18	504	25,000,000	5	-	-	-	-	300,000	300,000	300,000	596
1-Dec-19	516	Various	3	1	100,000	-	100,000	400,000	500,000	500,000	970
1-Dec-20	596	35,000,000	2	1	3,000,000	-	3,000,000	440,000	3,440,000	3,440,000	5,775
1-Dec-21	543	35,000,000	-	-	-	-	-	640,000	640,000	640,000	1,179
1-Dec-22	508	35,000,000	-	-	-	-	-	740,000	740,000	740,000	1,456
1-Dec-23	512	35,000,000	3	1	500,000	-	500,000	790,000	1,290,000	1,290,000	2,519
Total	13,706		375	4	108,508,782	104,858,782	3,650,000	3,464,285	7,114,285	111,973,067	3,666
Full Policy Period Projections											
1-Dec-24	512	35,000,000								1,170,000	2,288
1-Dec-25	512	35,000,000								1,220,000	2,379

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 61,728,067	$ 61,728,067	$ 61,728,067	N/A	N/A	N/A	N/A	$ 61,728,067	$ 61,728,067
1-Dec-01	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000
1-Dec-02	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ 2,875,000
1-Dec-03	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ 28,235,000
1-Dec-04	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ 1,990,000
1-Dec-05	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ 1,045,000
1-Dec-06	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1-Dec-07	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000
1-Dec-08	$ 475,052	$ 475,000	$ 475,000	$ 475,100	$ 475,000	$ 475,215	$ 475,000	$ 475,052	$ 475,000
1-Dec-09	$ 800,865	$ 801,550	$ 800,000	$ 801,434	$ 802,566	$ 802,503	$ 804,542	$ 800,865	$ 800,000
1-Dec-10	$ -	$ -	$ -	$ 4,120	$ 8,001	$ 6,151	$ 12,144	$ -	$ -
1-Dec-11	$ 1,826,476	$ 1,836,175	$ 1,815,000	$ 1,823,267	$ 1,830,174	$ 1,826,667	$ 1,836,873	$ 1,826,476	$ 1,815,000
1-Dec-12	$ 1,188,495	$ 1,202,255	$ 1,175,000	$ 1,185,726	$ 1,196,415	$ 1,189,202	$ 1,204,145	$ 1,188,495	$ 1,175,000
1-Dec-13	$ 432,232	$ 442,371	$ 425,000	$ 441,278	$ 463,207	$ 445,040	$ 473,675	$ 432,232	$ 425,000
1-Dec-14	$ 51,866	$ 762	$ 78,883	$ 65,720	$ 42,354	$ 68,718	$ 52,959	$ 51,866	$ 55,000
1-Dec-15	$ 3,031,937	$ 3,250,626	$ 2,945,000	$ 2,964,376	$ 3,008,534	$ 2,969,095	$ 3,029,640	$ 3,031,937	$ 2,945,000
1-Dec-16	$ -	$ -	$ -	$ 27,566	$ 115,753	$ 29,157	$ 130,933	$ -	$ 50,000
1-Dec-17	$ -	$ -	$ -	$ 37,212	$ 242,639	$ 34,785	$ 237,278	$ -	$ 100,000
1-Dec-18	$ -	$ -	$ -	$ 55,694	$ 385,432	$ 49,195	$ 335,884	$ -	$ 300,000
1-Dec-19	$ 109,658	$ -	$ 114,258	$ 189,611	$ 718,129	$ 182,174	$ 585,854	$ 108,557	$ 500,000
1-Dec-20	$ 3,529,997	$ -	$ 3,615,904	$ 3,181,785	$ 1,067,239	$ 3,190,933	$ 843,388	$ 3,442,897	$ 3,440,000
1-Dec-21	$ -	$ -	$ -	$ 416,648	$ 1,108,823	$ 396,823	$ 870,264	$ -	$ 640,000
1-Dec-22	$ -	$ -	$ -	$ 678,355	$ 1,096,003	$ 628,594	$ 860,113	$ -	$ 740,000
1-Dec-23	$ 2,254,238	$ -	$ 2,255,089	$ 1,385,111	$ 1,137,266	$ 1,356,363	$ 892,450	$ 2,225,952	$ 1,290,000
Total	$ 110,923,883	$ 105,231,807	$ 110,922,201	$ 49,228,003	$ 49,192,535	$ 49,145,614	$ 48,140,142	$ 110,807,395	$ 111,973,067

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 61,728,067	$ 61,728,067	$ 61,728,067	$ -	$ -	$ -	$ -
1-Dec-01	276	Various	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ -	$ -	$ -	$ -
1-Dec-02	264	Various	$ 2,875,000	$ 2,875,000	$ 2,875,000	$ -	$ -	$ -	$ -
1-Dec-03	252	$ 20,000,000	$ 28,235,000	$ 28,235,000	$ 28,235,000	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 20,000,000	$ 1,990,000	$ 1,990,000	$ 1,990,000	$ -	$ -	$ -	$ -
1-Dec-05	228	$ 20,000,000	$ 1,045,000	$ 1,045,000	$ 1,045,000	$ -	$ -	$ -	$ -
1-Dec-06	216	$ 20,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1-Dec-07	204	$ 20,000,000	$ 300,000	$ 300,000	$ 300,000	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 20,000,000	$ 475,000	$ 475,000	$ 475,000	$ -	$ -	$ -	$ -
1-Dec-09	180	Various	$ 800,000	$ 800,000	$ 800,000	$ -	$ -	$ -	$ -
1-Dec-10	168	$ 40,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1-Dec-11	156	$ 40,000,000	$ 1,815,000	$ 1,815,000	$ 1,815,000	$ -	$ -	$ -	$ -
1-Dec-12	144	Various	$ 1,175,000	$ 1,175,000	$ 1,175,000	$ -	$ -	$ -	$ -
1-Dec-13	132	$ 30,000,000	$ 425,000	$ 425,000	$ 425,000	$ -	$ -	$ -	$ -
1-Dec-14	120	Various	$ 55,000	$ 50,715	$ 715	$ 50,000	$ 4,285	$ 54,285	$ 50,560
1-Dec-15	108	$ 25,000,000	$ 2,945,000	$ 2,945,000	$ 2,945,000	$ -	$ -	$ -	$ -
1-Dec-16	96	$ 25,000,000	$ 50,000	$ -	$ -	$ -	$ 50,000	$ 50,000	$ 46,271
1-Dec-17	84	$ 25,000,000	$ 100,000	$ -	$ -	$ -	$ 100,000	$ 100,000	$ 93,081
1-Dec-18	72	$ 25,000,000	$ 300,000	$ -	$ -	$ -	$ 300,000	$ 300,000	$ 275,925
1-Dec-19	60	Various	$ 500,000	$ 100,000	$ -	$ 100,000	$ 400,000	$ 500,000	$ 461,105
1-Dec-20	48	$ 35,000,000	$ 3,440,000	$ 3,000,000	$ -	$ 3,000,000	$ 440,000	$ 3,440,000	$ 3,112,040
1-Dec-21	36	$ 35,000,000	$ 640,000	$ -	$ -	$ -	$ 640,000	$ 640,000	$ 563,051
1-Dec-22	24	$ 35,000,000	$ 740,000	$ -	$ -	$ -	$ 740,000	$ 740,000	$ 627,787
1-Dec-23	12	$ 35,000,000	$ 1,290,000	$ 500,000	$ -	$ 500,000	$ 790,000	$ 1,290,000	$ 1,051,306
Total			$ 111,973,067	$ 108,508,782	$ 104,858,782	$ 3,650,000	$ 3,464,285	$ 7,114,285	$ 6,281,126

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 61,728,067	1.000	$ 61,728,067	$ 61,728,067	1.000	$ 61,728,067	$ -	1.000	$ 61,728,067
1-Dec-01	276	$ 1,050,000	1.000	$ 1,050,000	$ 1,050,000	1.000	$ 1,050,000	$ -	1.000	$ 1,050,000
1-Dec-02	264	$ 2,875,000	1.000	$ 2,875,000	$ 2,875,000	1.000	$ 2,875,000	$ -	1.000	$ 2,875,000
1-Dec-03	252	$ 28,235,000	1.000	$ 28,235,000	$ 28,235,000	1.000	$ 28,235,000	$ -	1.000	$ 28,235,000
1-Dec-04	240	$ 1,990,000	1.000	$ 1,990,000	$ 1,990,000	1.000	$ 1,990,000	$ -	1.000	$ 1,990,000
1-Dec-05	228	$ 1,045,000	1.000	$ 1,045,000	$ 1,045,000	1.000	$ 1,045,000	$ -	1.000	$ 1,045,000
1-Dec-06	216	$ -	1.000	$ -	$ -	1.000	$ -	$ -	1.000	$ -
1-Dec-07	204	$ 300,000	1.000	$ 300,000	$ 300,000	1.000	$ 300,000	$ -	1.000	$ 300,000
1-Dec-08	192	$ 475,000	1.000	$ 475,052	$ 475,000	1.000	$ 475,000	$ -	0.000	$ 475,000
1-Dec-09	180	$ 800,000	1.001	$ 800,865	$ 800,000	1.002	$ 801,550	$ -	2.267	$ 800,000
1-Dec-10	168	$ -	1.003	$ -	$ -	1.006	$ -	$ -	2.062	$ -
1-Dec-11	156	$ 1,815,000	1.006	$ 1,826,476	$ 1,815,000	1.012	$ 1,836,175	$ -	2.197	$ 1,815,000
1-Dec-12	144	$ 1,175,000	1.011	$ 1,188,495	$ 1,175,000	1.023	$ 1,202,255	$ -	2.003	$ 1,175,000
1-Dec-13	132	$ 425,000	1.017	$ 432,232	$ 425,000	1.041	$ 442,371	$ -	1.742	$ 425,000
1-Dec-14	120	$ 50,715	1.023	$ 51,866	$ 715	1.066	$ 762	$ 50,000	1.563	$ 78,883
1-Dec-15	108	$ 2,945,000	1.030	$ 3,031,937	$ 2,945,000	1.104	$ 3,250,626	$ -	1.439	$ 2,945,000
1-Dec-16	96	$ -	1.039	$ -	$ -	1.189	$ -	$ -	1.313	$ -
1-Dec-17	84	$ -	1.047	$ -	$ -	1.417	$ -	$ -	1.181	$ -
1-Dec-18	72	$ -	1.065	$ -	$ -	1.723	$ -	$ -	1.169	$ -
1-Dec-19	60	$ 100,000	1.097	$ 109,658	$ -	3.399	$ -	$ 100,000	1.143	$ 114,258
1-Dec-20	48	$ 3,000,000	1.177	$ 3,529,997	$ -	8.436	$ -	$ 3,000,000	1.205	$ 3,615,904
1-Dec-21	36	$ -	1.579	$ -	$ -	41.267	$ -	$ -	1.602	$ -
1-Dec-22	24	$ -	2.623	$ -	$ -	4648.877	$ -	$ -	2.624	$ -
1-Dec-23	12	$ 500,000	4.508	$ 2,254,238	$ -	9297.754	$ -	$ 500,000	4.510	$ 2,255,089
Total		$ 108,508,782		$ 110,923,883	$ 104,858,782		$ 105,231,807	$ 3,650,000		$ 110,922,201

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Occupied Bed Equivalents	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 1,050,000	1.916	1.121	$ 2,256,013	596	1.000	16,071	$ 4,460,312	$ 1,050,000
1-Dec-02	264	$ 2,875,000	1.860	1.079	$ 5,768,385	616	1.000	17,496	$ 5,370,752	$ 2,875,000
1-Dec-03	252	$ 28,235,000	1.806	1.079	$ 55,000,545	644	1.000	19,418	$ 6,415,242	$ 28,235,000
1-Dec-04	240	$ 1,990,000	1.754	1.079	$ 3,763,527	651	1.000	14,229	$ 4,898,504	$ 1,990,000
1-Dec-05	228	$ 1,045,000	1.702	1.079	$ 1,918,762	634	1.000	10,533	$ 3,639,629	$ 1,045,000
1-Dec-06	216	$ -	1.653	1.079	$ -	592	1.000	7,869	$ 2,613,548	$ -
1-Dec-07	204	$ 300,000	1.605	1.079	$ 519,220	551	1.000	6,056	$ 1,926,762	$ 300,000
1-Dec-08	192	$ 475,000	1.558	1.079	$ 798,154	691	1.000	4,759	$ 1,955,504	$ 475,215
1-Dec-09	180	$ 800,000	1.513	0.989	$ 1,197,240	894	1.001	3,877	$ 2,316,378	$ 802,503
1-Dec-10	168	$ -	1.469	0.989	$ -	905	1.003	3,316	$ 2,064,478	$ 6,151
1-Dec-11	156	$ 1,815,000	1.426	0.989	$ 2,560,314	836	1.006	3,134	$ 1,856,839	$ 1,826,667
1-Dec-12	144	$ 1,175,000	1.384	1.025	$ 1,666,892	603	1.011	2,941	$ 1,250,807	$ 1,189,202
1-Dec-13	132	$ 425,000	1.344	1.025	$ 585,358	603	1.017	2,734	$ 1,197,823	$ 445,040
1-Dec-14	120	$ 50,715	1.305	1.051	$ 69,546	417	1.023	2,665	$ 811,099	$ 68,718
1-Dec-15	108	$ 2,945,000	1.267	1.051	$ 3,920,860	405	1.030	2,762	$ 840,329	$ 2,969,095
1-Dec-16	96	$ -	1.230	1.051	$ -	424	1.039	2,349	$ 770,463	$ 29,157
1-Dec-17	84	$ -	1.194	1.051	$ -	466	1.047	2,076	$ 770,824	$ 34,785
1-Dec-18	72	$ -	1.159	1.051	$ -	504	1.065	1,962	$ 811,126	$ 49,195
1-Dec-19	60	$ 100,000	1.126	1.000	$ 112,551	516	1.097	2,037	$ 932,987	$ 182,174
1-Dec-20	48	$ 3,000,000	1.093	1.000	$ 3,278,181	596	1.177	2,333	$ 1,271,690	$ 3,190,933
1-Dec-21	36	$ -	1.061	1.000	$ -	543	1.579	2,115	$ 1,082,289	$ 396,823
1-Dec-22	24	$ -	1.030	1.000	$ -	508	2.623	2,058	$ 1,015,824	$ 628,594
1-Dec-23	12	$ 500,000	1.000	1.000	$ 500,000	512	4.508	2,149	$ 1,100,447	$ 1,356,363
Total		$ 46,780,715			$ 83,915,548	13,706			$ 49,373,657	$ 49,145,614

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Medical Malpractice - Provident, Oak Forest & Ambulatory)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Occupied Bed Equivalents	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 1,050,000	1.916	1.121	$ 2,256,013	596	1.000	16,133	$ 4,477,410	$ 1,050,000
1-Dec-02	264	$ 2,875,000	1.860	1.079	$ 5,768,385	616	1.000	17,571	$ 5,393,945	$ 2,875,000
1-Dec-03	252	$ 28,235,000	1.806	1.079	$ 55,000,545	644	1.000	19,519	$ 6,448,384	$ 28,235,000
1-Dec-04	240	$ 1,990,000	1.754	1.079	$ 3,763,527	651	1.000	14,316	$ 4,928,634	$ 1,990,000
1-Dec-05	228	$ 1,045,000	1.702	1.079	$ 1,918,762	634	1.000	10,611	$ 3,666,643	$ 1,045,000
1-Dec-06	216	$ -	1.653	1.079	$ -	592	1.000	7,939	$ 2,636,911	$ -
1-Dec-07	204	$ 300,000	1.605	1.079	$ 519,220	551	1.000	6,120	$ 1,947,249	$ 300,000
1-Dec-08	192	$ 475,000	1.558	1.079	$ 798,154	691	1.000	4,817	$ 1,979,557	$ 475,000
1-Dec-09	180	$ 800,000	1.513	0.989	$ 1,197,240	894	1.002	3,932	$ 2,349,098	$ 804,542
1-Dec-10	168	$ -	1.469	0.989	$ -	905	1.006	3,371	$ 2,098,793	$ 12,144
1-Dec-11	156	$ 1,815,000	1.426	0.989	$ 2,560,314	836	1.012	3,202	$ 1,896,722	$ 1,836,873
1-Dec-12	144	$ 1,175,000	1.384	1.025	$ 1,666,892	603	1.023	3,023	$ 1,285,606	$ 1,204,145
1-Dec-13	132	$ 425,000	1.344	1.025	$ 585,358	603	1.041	2,830	$ 1,239,528	$ 473,675
1-Dec-14	120	$ 715	1.305	1.051	$ 980	417	1.066	2,787	$ 848,201	$ 52,959
1-Dec-15	108	$ 2,945,000	1.267	1.051	$ 3,920,860	405	1.104	2,959	$ 900,223	$ 3,029,640
1-Dec-16	96	$ -	1.230	1.051	$ -	424	1.189	2,512	$ 823,939	$ 130,933
1-Dec-17	84	$ -	1.194	1.051	$ -	466	1.417	2,172	$ 806,398	$ 237,278
1-Dec-18	72	$ -	1.159	1.051	$ -	504	1.723	1,936	$ 800,239	$ 335,884
1-Dec-19	60	$ -	1.126	1.000	$ -	516	3.399	1,812	$ 830,025	$ 585,854
1-Dec-20	48	$ -	1.093	1.000	$ -	596	8.436	1,755	$ 956,806	$ 843,388
1-Dec-21	36	$ -	1.061	1.000	$ -	543	41.267	1,743	$ 891,877	$ 870,264
1-Dec-22	24	$ -	1.030	1.000	$ -	508	4648.877	1,743	$ 860,298	$ 860,113
1-Dec-23	12	$ -	1.000	1.000	$ -	512	9297.754	1,743	$ 892,546	$ 892,450
Total		$ 43,130,715			$ 79,956,250	13,706			$ 48,959,033	$ 48,140,142

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Medical Malpractice - Provident, Oak Forest & Ambulatory)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	191	1.000	191	1.000	$ 323,184	$ 323,184	0	$ 301,183	$ 61,728,067
1-Dec-01	276	20	1.000	20	1.000	$ 52,500	$ 52,500	0	$ 322,117	$ 1,050,000
1-Dec-02	264	25	1.000	25	1.000	$ 115,000	$ 115,000	0	$ 345,269	$ 2,875,000
1-Dec-03	252	23	1.000	23	1.000	$ 1,227,609	$ 1,227,609	0	$ 375,860	$ 28,235,000
1-Dec-04	240	24	1.000	24	1.000	$ 82,917	$ 82,917	0	$ 337,410	$ 1,990,000
1-Dec-05	228	23	1.000	23	1.000	$ 45,435	$ 45,435	0	$ 308,194	$ 1,045,000
1-Dec-06	216	8	1.000	8	1.000	$ -	$ -	0	$ 293,618	$ -
1-Dec-07	204	7	1.000	7	1.000	$ 42,857	$ 42,857	0	$ 282,116	$ 300,000
1-Dec-08	192	5	1.000	5	1.000	$ 95,000	$ 95,010	0	$ 273,625	$ 475,052
1-Dec-09	180	7	1.000	7	1.001	$ 114,286	$ 114,409	0	$ 289,474	$ 800,865
1-Dec-10	168	4	1.000	4	1.003	$ -	$ -	0	$ 286,034	$ -
1-Dec-11	156	5	1.000	5	1.006	$ 363,000	$ 365,295	0	$ 291,733	$ 1,826,476
1-Dec-12	144	5	1.000	5	1.011	$ 235,000	$ 237,699	0	$ 281,241	$ 1,188,495
1-Dec-13	132	3	1.000	3	1.017	$ 141,667	$ 144,077	0	$ 281,053	$ 432,232
1-Dec-14	120	3	1.000	3	1.023	$ 16,905	$ 17,289	0	$ 278,255	$ 51,866
1-Dec-15	108	3	1.000	3	1.030	$ 981,667	$ 1,010,646	0	$ 297,528	$ 3,031,937
1-Dec-16	96	3	1.000	3	1.039	$ -	$ -	0	$ 271,399	$ -
1-Dec-17	84	3	1.000	3	1.047	$ -	$ -	0	$ 255,522	$ -
1-Dec-18	72	5	1.002	5	1.062	$ -	$ -	0	$ 254,087	$ -
1-Dec-19	60	3	1.010	3	1.086	$ 33,333	$ 36,186	0	$ 305,356	$ 108,557
1-Dec-20	48	2	1.025	2	1.148	$ 1,500,000	$ 1,721,449	0	$ 392,252	$ 3,442,897
1-Dec-21	36	0	1.068	0	1.479	$ -	$ -	0	$ 404,618	$ -
1-Dec-22	24	0	1.247	0	2.104	$ -	$ -	0	$ 417,781	$ -
1-Dec-23	12	3	1.655	5	2.724	$ 166,667	$ 453,995	2	$ 431,983	$ 2,225,952
Total		375		377				2		$ 110,807,395

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	Various	$ 1,050,000	1.000	1,159	1.121	1,034	$ 616,418	0.000	$ -	$ 1,050,000
1-Dec-02	Various	$ 2,875,000	1.000	1,194	1.079	1,107	$ 681,799	0.000	$ -	$ 2,875,000
1-Dec-03	$ 20,000,000	$ 28,235,000	1.000	1,230	1.079	1,140	$ 733,760	0.000	$ -	$ 28,235,000
1-Dec-04	$ 20,000,000	$ 1,990,000	1.000	1,267	1.079	1,174	$ 764,632	0.000	$ -	$ 1,990,000
1-Dec-05	$ 20,000,000	$ 1,045,000	1.000	1,305	1.079	1,210	$ 767,478	0.000	$ -	$ 1,045,000
1-Dec-06	$ 20,000,000	$ -	1.000	1,344	1.079	1,246	$ 737,696	0.000	$ -	$ -
1-Dec-07	$ 20,000,000	$ 300,000	1.000	1,384	1.079	1,283	$ 706,666	0.000	$ -	$ 300,000
1-Dec-08	$ 20,000,000	$ 475,000	1.000	1,426	1.079	1,322	$ 912,723	0.000	$ 100	$ 475,100
1-Dec-09	Various	$ 800,000	1.001	1,468	0.989	1,484	$ 1,327,073	0.001	$ 1,434	$ 801,434
1-Dec-10	$ 40,000,000	$ -	1.003	1,512	0.989	1,529	$ 1,382,829	0.003	$ 4,120	$ 4,120
1-Dec-11	$ 40,000,000	$ 1,815,000	1.006	1,558	0.989	1,574	$ 1,315,789	0.006	$ 8,267	$ 1,823,267
1-Dec-12	Various	$ 1,175,000	1.011	1,605	1.025	1,566	$ 944,624	0.011	$ 10,726	$ 1,185,726
1-Dec-13	$ 30,000,000	$ 425,000	1.017	1,653	1.025	1,613	$ 972,963	0.017	$ 16,278	$ 441,278
1-Dec-14	Various	$ 50,715	1.023	1,702	1.051	1,620	$ 676,029	0.022	$ 15,005	$ 65,720
1-Dec-15	$ 25,000,000	$ 2,945,000	1.030	1,753	1.051	1,668	$ 675,740	0.029	$ 19,376	$ 2,964,376
1-Dec-16	$ 25,000,000	$ -	1.039	1,806	1.051	1,718	$ 728,416	0.038	$ 27,566	$ 27,566
1-Dec-17	$ 25,000,000	$ -	1.047	1,860	1.051	1,770	$ 824,616	0.045	$ 37,212	$ 37,212
1-Dec-18	$ 25,000,000	$ -	1.065	1,916	1.051	1,823	$ 918,287	0.061	$ 55,694	$ 55,694
1-Dec-19	Various	$ 100,000	1.097	1,973	1.000	1,973	$ 1,017,430	0.088	$ 89,611	$ 189,611
1-Dec-20	$ 35,000,000	$ 3,000,000	1.177	2,033	1.000	2,033	$ 1,210,761	0.150	$ 181,785	$ 3,181,785
1-Dec-21	$ 35,000,000	$ -	1.579	2,094	1.000	2,094	$ 1,136,360	0.367	$ 416,648	$ 416,648
1-Dec-22	$ 35,000,000	$ -	2.623	2,156	1.000	2,156	$ 1,096,239	0.619	$ 678,355	$ 678,355
1-Dec-23	$ 35,000,000	$ 500,000	4.508	2,221	1.000	2,221	$ 1,137,388	0.778	$ 885,111	$ 1,385,111
Total		$ 46,780,715					$ 21,285,719		$ 2,447,288	$ 49,228,003

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Occupied Bed Equivalents) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	Various	$ 1,050,000	1.000	1,159	1.121	1,034	$ 616,418	0.000	$ -	$ 1,050,000
1-Dec-02	Various	$ 2,875,000	1.000	1,194	1.079	1,107	$ 681,799	0.000	$ -	$ 2,875,000
1-Dec-03	$ 20,000,000	$ 28,235,000	1.000	1,230	1.079	1,140	$ 733,760	0.000	$ -	$ 28,235,000
1-Dec-04	$ 20,000,000	$ 1,990,000	1.000	1,267	1.079	1,174	$ 764,632	0.000	$ -	$ 1,990,000
1-Dec-05	$ 20,000,000	$ 1,045,000	1.000	1,305	1.079	1,210	$ 767,478	0.000	$ -	$ 1,045,000
1-Dec-06	$ 20,000,000	$ -	1.000	1,344	1.079	1,246	$ 737,696	0.000	$ -	$ -
1-Dec-07	$ 20,000,000	$ 300,000	1.000	1,384	1.079	1,283	$ 706,666	0.000	$ -	$ 300,000
1-Dec-08	$ 20,000,000	$ 475,000	1.000	1,426	1.079	1,322	$ 912,723	0.000	$ -	$ 475,000
1-Dec-09	Various	$ 800,000	1.002	1,468	0.989	1,484	$ 1,327,073	0.002	$ 2,566	$ 802,566
1-Dec-10	$ 40,000,000	$ -	1.006	1,512	0.989	1,529	$ 1,382,829	0.006	$ 8,001	$ 8,001
1-Dec-11	$ 40,000,000	$ 1,815,000	1.012	1,558	0.989	1,574	$ 1,315,789	0.012	$ 15,174	$ 1,830,174
1-Dec-12	Various	$ 1,175,000	1.023	1,605	1.025	1,566	$ 944,624	0.023	$ 21,415	$ 1,196,415
1-Dec-13	$ 30,000,000	$ 425,000	1.041	1,653	1.025	1,613	$ 972,963	0.039	$ 38,207	$ 463,207
1-Dec-14	Various	$ 715	1.066	1,702	1.051	1,620	$ 676,029	0.062	$ 41,639	$ 42,354
1-Dec-15	$ 25,000,000	$ 2,945,000	1.104	1,753	1.051	1,668	$ 675,740	0.094	$ 63,534	$ 3,008,534
1-Dec-16	$ 25,000,000	$ -	1.189	1,806	1.051	1,718	$ 728,416	0.159	$ 115,753	$ 115,753
1-Dec-17	$ 25,000,000	$ -	1.417	1,860	1.051	1,770	$ 824,616	0.294	$ 242,639	$ 242,639
1-Dec-18	$ 25,000,000	$ -	1.723	1,916	1.051	1,823	$ 918,287	0.420	$ 385,432	$ 385,432
1-Dec-19	Various	$ -	3.399	1,973	1.000	1,973	$ 1,017,430	0.706	$ 718,129	$ 718,129
1-Dec-20	$ 35,000,000	$ -	8.436	2,033	1.000	2,033	$ 1,210,761	0.881	$ 1,067,239	$ 1,067,239
1-Dec-21	$ 35,000,000	$ -	41.267	2,094	1.000	2,094	$ 1,136,360	0.976	$ 1,108,823	$ 1,108,823
1-Dec-22	$ 35,000,000	$ -	4648.877	2,156	1.000	2,156	$ 1,096,239	1.000	$ 1,096,003	$ 1,096,003
1-Dec-23	$ 35,000,000	$ -	9297.754	2,221	1.000	2,221	$ 1,137,388	1.000	$ 1,137,266	$ 1,137,266
Total		$ 43,130,715					$ 21,285,719		$ 6,061,820	$ 49,192,535

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Occupied Bed Equivalents) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period	Incurred LDF's		Paid LDF's		Claim	Trend Factors		Occupied
Inception	Unlimited	Limited	Unlimited	Limited	CDF	Loss	Exposure	Bed Equivalents
Prior	1.000	1.000	1.000	1.000	1.000	1.974	1.000	-
1-Dec-01	1.000	1.000	1.000	1.000	1.000	1.916	1.000	596
1-Dec-02	1.000	1.000	1.000	1.000	1.000	1.860	1.000	616
1-Dec-03	1.000	1.000	1.000	1.000	1.000	1.806	1.000	644
1-Dec-04	1.000	1.000	1.000	1.000	1.000	1.754	1.000	651
1-Dec-05	1.000	1.000	1.000	1.000	1.000	1.702	1.000	634
1-Dec-06	1.000	1.000	1.000	1.000	1.000	1.653	1.000	592
1-Dec-07	1.000	1.000	1.000	1.000	1.000	1.605	1.000	551
1-Dec-08	1.000	1.000	1.000	1.000	1.000	1.558	1.000	691
1-Dec-09	1.001	1.001	1.002	1.002	1.000	1.513	1.000	894
1-Dec-10	1.003	1.003	1.006	1.006	1.000	1.469	1.000	905
1-Dec-11	1.007	1.006	1.012	1.012	1.000	1.426	1.000	836
1-Dec-12	1.012	1.011	1.024	1.023	1.000	1.384	1.000	603
1-Dec-13	1.018	1.017	1.043	1.041	1.000	1.344	1.000	603
1-Dec-14	1.024	1.023	1.069	1.066	1.000	1.305	1.000	417
1-Dec-15	1.031	1.030	1.109	1.104	1.000	1.267	1.000	405
1-Dec-16	1.041	1.039	1.199	1.189	1.000	1.230	1.000	424
1-Dec-17	1.050	1.047	1.438	1.417	1.000	1.194	1.000	466
1-Dec-18	1.068	1.065	1.760	1.723	1.002	1.159	1.000	504
1-Dec-19	1.100	1.097	3.486	3.399	1.010	1.126	1.000	516
1-Dec-20	1.182	1.177	8.694	8.436	1.025	1.093	1.000	596
1-Dec-21	1.598	1.579	42.598	41.267	1.068	1.061	1.000	543
1-Dec-22	2.674	2.623	4799.376	4648.877	1.247	1.030	1.000	508
1-Dec-23	4.612	4.508	9598.752	9297.754	1.655	1.000	1.000	512

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**2288**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends
Column (8) : Flat 0.00%
Column (9) : supplied by Cook County, Illinois

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 61,728,067	$ 61,728,067	$ -	Various	-	$ -	-	$ -	$ 61,728,067	$ 61,728,067	$ -
1-Dec-01	$ 1,050,000	$ 1,050,000	$ -	Various	-	$ -	-	$ -	$ 1,050,000	$ 1,050,000	$ -
1-Dec-02	$ 2,875,000	$ 2,875,000	$ -	Various	-	$ -	-	$ -	$ 2,875,000	$ 2,875,000	$ -
1-Dec-03	$ 28,235,000	$ 28,235,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 28,235,000	$ 28,235,000	$ -
1-Dec-04	$ 1,990,000	$ 1,990,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 1,990,000	$ 1,990,000	$ -
1-Dec-05	$ 1,045,000	$ 1,045,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 1,045,000	$ 1,045,000	$ -
1-Dec-06	$ -	$ -	$ -	$ 20,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-07	$ 300,000	$ 300,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 300,000	$ 300,000	$ -
1-Dec-08	$ 475,000	$ 475,000	$ -	$ 20,000,000	-	$ -	-	$ -	$ 475,000	$ 475,000	$ -
1-Dec-09	$ 800,000	$ 800,000	$ -	Various	-	$ -	-	$ -	$ 800,000	$ 800,000	$ -
1-Dec-10	$ -	$ -	$ -	$ 40,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-11	$ 1,815,000	$ 1,815,000	$ -	$ 40,000,000	-	$ -	-	$ -	$ 1,815,000	$ 1,815,000	$ -
1-Dec-12	$ 1,175,000	$ 1,175,000	$ -	Various	-	$ -	-	$ -	$ 1,175,000	$ 1,175,000	$ -
1-Dec-13	$ 425,000	$ 425,000	$ -	$ 30,000,000	-	$ -	-	$ -	$ 425,000	$ 425,000	$ -
1-Dec-14	$ 50,715	$ 715	$ 50,000	Various	-	$ -	-	$ -	$ 50,715	$ 715	$ 50,000
1-Dec-15	$ 2,945,000	$ 2,945,000	$ -	$ 25,000,000	-	$ -	-	$ -	$ 2,945,000	$ 2,945,000	$ -
1-Dec-16	$ -	$ -	$ -	$ 25,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-17	$ -	$ -	$ -	$ 25,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-18	$ -	$ -	$ -	$ 25,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-19	$ 100,000	$ -	$ 100,000	Various	-	$ -	-	$ -	$ 100,000	$ -	$ 100,000
1-Dec-20	$ 3,000,000	$ -	$ 3,000,000	$ 35,000,000	-	$ -	-	$ -	$ 3,000,000	$ -	$ 3,000,000
1-Dec-21	$ -	$ -	$ -	$ 35,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-22	$ -	$ -	$ -	$ 35,000,000	-	$ -	-	$ -	$ -	$ -	$ -
1-Dec-23	$ 500,000	$ -	$ 500,000	$ 35,000,000	-	$ -	-	$ -	$ 500,000	$ -	$ 500,000
Total	$ 108,508,782	$ 104,858,782	$ 3,650,000		-	$ -	-	$ -	$ 108,508,782	$ 104,858,782	$ 3,650,000

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]
Column (12) : Column (10) - Column (11)

AON

Exhibit 11

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Occupied Bed Equivalents	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	596	20	1.000	20	1.000	20	3.35394%		20	20	3.35394%
1-Dec-02	616	25	1.000	25	1.000	25	4.05901%		25	25	4.05901%
1-Dec-03	644	23	1.000	23	1.000	23	3.57394%		23	23	3.57394%
1-Dec-04	651	24	1.000	24	1.000	24	3.68612%		24	24	3.68612%
1-Dec-05	634	23	1.000	23	1.000	23	3.62502%		23	23	3.62502%
1-Dec-06	592	8	1.000	8	1.000	8	1.35113%		8	8	1.35113%
1-Dec-07	551	7	1.000	7	1.000	7	1.27118%		7	7	1.27118%
1-Dec-08	691	5	1.000	5	1.000	5	0.72409%		5	5	0.72409%
1-Dec-09	894	7	1.000	7	1.000	7	0.78283%		7	7	0.78283%
1-Dec-10	905	4	1.000	4	1.000	4	0.44217%		4	4	0.44217%
1-Dec-11	836	5	1.000	5	1.000	5	0.59830%		5	5	0.59830%
1-Dec-12	603	5	1.000	5	1.000	5	0.82869%		5	5	0.82869%
1-Dec-13	603	3	1.000	3	1.000	3	0.49722%		3	3	0.49722%
1-Dec-14	417	3	1.000	3	1.000	3	0.71875%		3	3	0.71875%
1-Dec-15	405	3	1.000	3	1.000	3	0.74062%		3	3	0.74062%
1-Dec-16	424	3	1.000	3	1.000	3	0.70768%		3	3	0.70768%
1-Dec-17	466	3	1.000	3	1.000	3	0.64387%		3	3	0.64387%
1-Dec-18	504	5	1.002	5	1.000	5	0.99455%		5	5	0.99455%
1-Dec-19	516	3	1.010	3	1.000	3	0.58777%		3	3	0.58777%
1-Dec-20	596	2	1.025	2	1.000	2	0.34424%		2	2	0.34424%
1-Dec-21	543	0	1.068	0	1.000	0	0.00000%		0	0	0.00000%
1-Dec-22	508	0	1.247	0	1.000	0	0.00000%		0	0	0.00000%
1-Dec-23	512	3	1.655	5	1.000	5	0.96960%		5	5	0.96960%
Total	13,706	184		186		186	1.35743%		186	186	1.35743%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 7
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-22					
Last 5 Policies	2,675	10	0.37563%	10	0.37563%
Last 3 Policies	1,563	5	0.31762%	5	0.31762%
Last 2 Policies	1,020	5	0.48657%	5	0.48657%
Last 23 Policies	13,706	186	1.35743%	186	1.35743%

Selected Bornhuetter-Ferguson Frequency Rate	**0.39365%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-22 to Renewal Period 1-Dec-24	1.000
Selected Frequency Rate adjusted to the Renewal Policy Period Level	0.39365%
Occupied Bed Equivalents for 1-Dec-24	512
Projected Count for 1-Dec-24	2

AON

Exhibit 12

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory
Medical Malpractice - Provident, Oak Forest & Ambulatory Experience @ 11/30/24
Losses Limited to Retentions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred Loss	Selected Ultimate Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Ultimate Loss	Occupied Bed Equivalents	Exposure Trend Factor	Trended Occupied Bed Equivalents	Trended Loss Rate
1-Dec-01	1,050,000	1,050,000	1.974	1.121	2,323,693	596	1.000	596	3,899
1-Dec-02	2,875,000	2,875,000	1.916	1.079	5,941,437	616	1.000	616	9,645
1-Dec-03	28,235,000	28,235,000	1.860	1.079	56,650,562	644	1.000	644	87,967
1-Dec-04	1,990,000	1,990,000	1.806	1.079	3,876,433	651	1.000	651	5,955
1-Dec-05	1,045,000	1,045,000	1.754	1.079	1,976,325	634	1.000	634	3,117
1-Dec-06	-	-	1.702	1.079	-	592	1.000	592	0
1-Dec-07	300,000	300,000	1.653	1.079	534,797	551	1.000	551	971
1-Dec-08	475,000	475,000	1.605	1.079	822,099	691	1.000	691	1,190
1-Dec-09	800,000	800,000	1.558	0.989	1,233,157	894	1.000	894	1,379
1-Dec-10	-	-	1.513	0.989	-	905	1.000	905	0
1-Dec-11	1,815,000	1,815,000	1.469	0.989	2,637,124	836	1.000	836	3,154
1-Dec-12	1,175,000	1,175,000	1.426	1.025	1,716,899	603	1.000	603	2,847
1-Dec-13	425,000	425,000	1.384	1.025	602,919	603	1.000	603	1,000
1-Dec-14	50,715	55,000	1.344	1.051	77,684	417	1.000	417	186
1-Dec-15	2,945,000	2,945,000	1.305	1.051	4,038,486	405	1.000	405	9,972
1-Dec-16	-	50,000	1.267	1.051	66,568	424	1.000	424	157
1-Dec-17	-	100,000	1.230	1.051	129,258	466	1.000	466	277
1-Dec-18	-	300,000	1.194	1.051	376,481	504	1.000	504	747
1-Dec-19	100,000	500,000	1.159	1.000	579,637	516	1.000	516	1,123
1-Dec-20	3,000,000	3,440,000	1.126	1.000	3,871,750	596	1.000	596	6,496
1-Dec-21	-	640,000	1.093	1.000	699,345	543	1.000	543	1,288
1-Dec-22	-	740,000	1.061	1.000	785,066	508	1.000	508	1,545
1-Dec-23	500,000	1,290,000	1.030	1.000	1,328,700	512	1.000	512	2,595
All Year Weighted Average					90,268,420			13,707	6,586
Latest 5-Year Weighted Average					7,264,498			2,675	2,716
Latest 3-Year Weighted Average					2,813,111			1,563	1,800
SELECTED									**2,288**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Medical Malpractice - Provident, Oak Forest & Ambulatory
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10)	(11)	(12)	(13)	(14)	(15)
Policy Period Inception	Retention	Occupied Bed Equivalents	Claim Count	Loss Rate	Loss Amount
1-Dec-24	35,000,000	512	2	2,288	1,170,000
1-Dec-25	35,000,000	512	2	2,379	1,220,000
1-Dec-26	35,000,000	512	2	2,474	1,270,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Average : $273,034 sigma = 1.954
CV : 6.67 mu = 10.609

Limitation of Incurred LDF's for Medical Malpractice - Provident, Oak Forest & Ambulatory

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	10,000,000	2.820	0.866	0.998	0.807	244,315	10,000,000	2.820	0.866	0.998	0.807	244,315	1.000
276	1.000	1.000	15,000,000	3.027	1.074	0.999	0.859	252,913	15,000,000	3.027	1.074	0.999	0.859	252,913	1.000
264	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
252	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
240	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
228	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
216	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
204	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
192	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,002,333	3.175	1.221	0.999	0.889	257,722	1.000
180	1.001	1.000	40,000,000	3.530	1.576	1.000	0.942	265,655	40,044,670	3.530	1.577	1.000	0.943	265,665	1.001
168	1.003	1.000	40,000,000	3.530	1.576	1.000	0.942	265,655	40,123,406	3.531	1.578	1.000	0.943	265,681	1.003
156	1.007	1.000	40,000,000	3.530	1.576	1.000	0.942	265,655	40,261,092	3.533	1.579	1.000	0.943	265,709	1.006
144	1.012	1.000	30,000,000	3.382	1.429	1.000	0.923	262,917	30,359,281	3.388	1.435	1.000	0.924	263,045	1.011
132	1.018	1.000	30,000,000	3.382	1.429	1.000	0.923	262,917	30,532,303	3.391	1.438	1.000	0.925	263,106	1.017
120	1.024	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	25,596,248	3.301	1.347	1.000	0.911	261,085	1.023
108	1.031	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	25,775,421	3.305	1.351	1.000	0.912	261,171	1.030
96	1.041	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	26,033,176	3.310	1.356	1.000	0.912	261,292	1.039
84	1.050	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	26,241,441	3.314	1.360	1.000	0.913	261,389	1.047
72	1.068	1.002	25,000,000	3.289	1.335	0.999	0.909	260,791	26,640,292	3.321	1.368	1.000	0.914	261,570	1.065
60	1.100	1.010	35,000,000	3.461	1.508	1.000	0.934	264,472	38,105,500	3.505	1.551	1.000	0.940	265,242	1.097
48	1.182	1.025	35,000,000	3.461	1.508	1.000	0.934	264,472	40,358,042	3.534	1.581	1.000	0.943	265,729	1.177
36	1.598	1.068	35,000,000	3.461	1.508	1.000	0.934	264,472	52,376,644	3.668	1.714	1.000	0.957	267,634	1.579
24	2.674	1.247	35,000,000	3.461	1.508	1.000	0.934	264,472	75,052,551	3.852	1.898	1.000	0.971	269,561	2.623
12	4.612	1.655	35,000,000	3.461	1.508	1.000	0.934	264,472	97,534,373	3.986	2.032	1.000	0.979	270,562	4.508

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory

Average : $273,034 sigma = 1.954
CV : 6.67 mu = 10.609

Limitation of Paid LDF's for Medical Malpractice - Provident, Oak Forest & Ambulatory

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	10,000,000	2.820	0.866	0.998	0.807	244,315	10,000,000	2.820	0.866	0.998	0.807	244,315	1.000
276	1.000	1.000	15,000,000	3.027	1.074	0.999	0.859	252,913	15,000,000	3.027	1.074	0.999	0.859	252,913	1.000
264	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
252	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
240	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
228	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
216	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
204	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
192	1.000	1.000	20,000,000	3.175	1.221	0.999	0.889	257,721	20,000,000	3.175	1.221	0.999	0.889	257,721	1.000
180	1.002	1.000	40,000,000	3.530	1.576	1.000	0.942	265,655	40,080,000	3.531	1.577	1.000	0.943	265,672	1.002
168	1.006	1.000	40,000,000	3.530	1.576	1.000	0.942	265,655	40,240,320	3.533	1.579	1.000	0.943	265,705	1.006
156	1.012	1.000	40,000,000	3.530	1.576	1.000	0.942	265,655	40,481,762	3.536	1.582	1.000	0.943	265,754	1.012
144	1.024	1.000	30,000,000	3.382	1.429	1.000	0.923	262,917	30,725,657	3.395	1.441	1.000	0.925	263,173	1.023
132	1.043	1.000	30,000,000	3.382	1.429	1.000	0.923	262,917	31,278,719	3.404	1.450	1.000	0.926	263,359	1.041
120	1.069	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	26,724,228	3.323	1.370	1.000	0.915	261,607	1.066
108	1.109	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	27,726,387	3.342	1.388	1.000	0.917	262,038	1.104
96	1.199	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	29,964,219	3.382	1.428	1.000	0.923	262,905	1.189
84	1.438	1.000	25,000,000	3.289	1.335	0.999	0.909	260,791	35,957,063	3.475	1.521	1.000	0.936	264,723	1.417
72	1.760	1.002	25,000,000	3.289	1.335	0.999	0.909	260,791	43,922,179	3.577	1.624	1.000	0.948	266,401	1.723
60	3.486	1.010	35,000,000	3.461	1.508	1.000	0.934	264,472	120,770,408	4.095	2.142	1.000	0.984	271,182	3.399
48	8.694	1.025	35,000,000	3.461	1.508	1.000	0.934	264,472	296,766,478	4.555	2.602	1.000	0.995	272,544	8.436
36	42.598	1.068	35,000,000	3.461	1.508	1.000	0.934	264,472	1,396,410,582	5.348	3.395	1.000	1.000	273,002	41.267
24	4799.376	1.247	35,000,000	3.461	1.508	1.000	0.934	264,472	134,717,104,176	7.687	5.733	1.000	1.000	273,034	4648.877
12	9598.752	1.655	35,000,000	3.461	1.508	1.000	0.934	264,472	202,981,227,274	7.897	5.943	1.000	1.000	273,034	9297.754

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Calculation of Occupied Bed Equivalents

Occurrence Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Other Visits (6)	Physicians (7)	Occupied Bed Equivalents (8)
Prior							
12/1/2001	136	72,867	147,347	1,652	950	134	596
12/1/2002	147	74,044	153,130	2,233	702	136	616
12/1/2003	145	76,994	142,752	2,371	450	151	644
12/1/2004	139	81,840	131,840	2,012	925	155	651
12/1/2005	132	78,198	135,950	1,853	656	153	634
12/1/2006	99	72,575	111,857	2,053	705	159	592
12/1/2007	99	69,138	101,747	1,885	604	143	551
12/1/2008	99	67,432	117,419	1,627	605	215	691
12/1/2009	91	67,785	864,482	1,505	605	169	894
12/1/2010	91	73,000	864,482	1,505	605	169	905
12/1/2011	91	51,500	799,663	1,505	605	169	836
12/1/2012	25	38,450	669,663	1,505	605	123	603
12/1/2013	25	38,450	669,663	1,505	605	123	603
12/1/2014	25	22,650	460,765	1,505	48,121	75	417
12/1/2015	25	22,260	448,783	1,505	11,753	79	405
12/1/2016	25	29,965	384,442	1,505	44,102	88	424
12/1/2017	25	29,155	523,956	1,505	34,226	84	466
12/1/2018	25	29,994	604,232	1,505	47,901	83	504
12/1/2019	25	20,802	727,374	1,505	27,064	77	516
12/1/2020	25	21,394	972,175	1,505	605	73	596
12/1/2021	25	23,392	847,217	1,505	605	69	543
12/1/2022	10	27,831	788,341	1,505	605	66	508
12/1/2023	9	27,890	792,303	1,505	605	68	512
12/1/2024	9	27,890	792,303	1,505	605	68	512

(2) through (7) were provided by the County.

The exposures in (2) through (7) are converted to occupied bed equivalents using the following exposure conversion factors, which were published in the Aon/ASHRM Hospital Professional Liability and Physician Liability Benchmark Analysis published in October 2018. The weight for Housestaff is based on actuarial judgement.

Exposure	Conversion Factor	
Inpatients	1.000	
ER Visits	0.200	per 100
Other Visits	0.040	per 100
Class 1 physician	1.900	
Housestaff	0.800	(residents and interns)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid	Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	168	99.4%	180	99.8%	$ -	$ -	$ -	0.980	$ -
1-Dec-11	156	98.8%	168	99.4%	$ -	$ -	$ -	0.967	$ -
1-Dec-12	144	97.6%	156	98.9%	$ -	$ -	$ -	0.955	$ -
1-Dec-13	132	95.9%	144	97.7%	$ -	$ -	$ -	0.948	$ -
1-Dec-14	120	93.5%	132	96.1%	$ 54,285	$ 19,926	$ 34,359	0.940	$ 32,303
1-Dec-15	108	90.2%	120	93.8%	$ -	$ -	$ -	0.931	$ -
1-Dec-16	96	83.4%	108	90.6%	$ 50,000	$ 12,115	$ 37,885	0.924	$ 35,010
1-Dec-17	84	69.5%	96	84.1%	$ 100,000	$ 16,140	$ 83,860	0.925	$ 77,605
1-Dec-18	72	56.8%	84	70.6%	$ 300,000	$ 76,785	$ 223,215	0.931	$ 207,770
1-Dec-19	60	28.7%	72	57.7%	$ 500,000	$ 200,268	$ 299,732	0.920	$ 275,678
1-Dec-20	48	11.5%	60	29.4%	$ 3,440,000	$ 685,436	$ 2,754,564	0.922	$ 2,540,288
1-Dec-21	36	2.3%	48	11.9%	$ 640,000	$ 61,855	$ 578,145	0.905	$ 523,026
1-Dec-22	24	0.0%	36	2.4%	$ 740,000	$ 17,776	$ 722,224	0.880	$ 635,389
1-Dec-23	12	0.0%	24	0.0%	$ 1,290,000	$ 139	$ 1,289,861	0.848	$ 1,094,268
1-Dec-24	0	0.0%	12	0.0%	$ 1,170,000	$ 126	$ 1,169,874	0.815	$ 953,407
Total					$ 8,284,285	$ 1,090,566	$ 7,193,719		$ 6,374,746

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid	Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	168	99.4%	180	99.8%	$ -	$ -	$ -	0.980	$ -
1-Dec-12	156	98.9%	168	99.4%	$ -	$ -	$ -	0.967	$ -
1-Dec-13	144	97.7%	156	98.9%	$ -	$ -	$ -	0.955	$ -
1-Dec-14	132	96.1%	144	97.7%	$ 34,359	$ 14,526	$ 19,833	0.948	$ 18,808
1-Dec-15	120	93.8%	132	96.1%	$ -	$ -	$ -	0.940	$ -
1-Dec-16	108	90.6%	120	93.8%	$ 37,885	$ 8,559	$ 29,325	0.931	$ 27,313
1-Dec-17	96	84.1%	108	90.6%	$ 83,860	$ 20,320	$ 63,540	0.924	$ 58,720
1-Dec-18	84	70.6%	96	84.1%	$ 223,215	$ 36,027	$ 187,189	0.925	$ 173,227
1-Dec-19	72	57.7%	84	70.3%	$ 299,732	$ 89,272	$ 210,461	0.931	$ 195,898
1-Dec-20	60	29.4%	72	57.7%	$ 2,754,564	$ 1,103,301	$ 1,651,263	0.920	$ 1,518,748
1-Dec-21	48	11.9%	60	29.4%	$ 578,145	$ 115,198	$ 462,947	0.922	$ 426,935
1-Dec-22	36	2.4%	48	11.9%	$ 722,224	$ 69,802	$ 652,422	0.905	$ 590,222
1-Dec-23	24	0.0%	36	2.4%	$ 1,289,861	$ 30,985	$ 1,258,876	0.880	$ 1,107,519
1-Dec-24	12	0.0%	24	0.0%	$ 1,169,874	$ 126	$ 1,169,748	0.848	$ 992,369
1-Dec-25	0	0.0%	12	0.0%	$ 1,220,000	$ 131	$ 1,219,869	0.815	$ 994,151
Total					$ 8,413,719	$ 1,488,246	$ 6,925,473		$ 6,103,909

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Medical Malpractice - Provident, Oak Forest & Ambulatory
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid	Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	100.0%	324	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	180	99.8%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	168	99.4%	180	99.8%	$ -	$ -	$ -	0.980	$ -
1-Dec-13	156	98.9%	168	99.4%	$ -	$ -	$ -	0.967	$ -
1-Dec-14	144	97.7%	156	98.9%	$ 19,833	$ 9,845	$ 9,989	0.955	$ 9,534
1-Dec-15	132	96.1%	144	97.7%	$ -	$ -	$ -	0.948	$ -
1-Dec-16	120	93.8%	132	96.1%	$ 29,325	$ 7,383	$ 21,942	0.940	$ 20,629
1-Dec-17	108	90.6%	120	93.8%	$ 63,540	$ 14,355	$ 49,185	0.931	$ 45,810
1-Dec-18	96	84.1%	108	90.6%	$ 187,189	$ 45,358	$ 141,831	0.924	$ 131,071
1-Dec-19	84	70.3%	96	83.9%	$ 210,461	$ 36,393	$ 174,068	0.925	$ 161,085
1-Dec-20	72	57.7%	84	70.3%	$ 1,651,263	$ 491,809	$ 1,159,454	0.931	$ 1,079,227
1-Dec-21	60	29.4%	72	57.7%	$ 462,947	$ 185,427	$ 277,520	0.920	$ 255,249
1-Dec-22	48	11.9%	60	29.4%	$ 652,422	$ 129,998	$ 522,424	0.922	$ 481,785
1-Dec-23	36	2.4%	48	11.9%	$ 1,258,876	$ 121,668	$ 1,137,208	0.905	$ 1,028,790
1-Dec-24	24	0.0%	36	2.4%	$ 1,169,748	$ 28,100	$ 1,141,648	0.880	$ 1,004,386
1-Dec-25	12	0.0%	24	0.0%	$ 1,219,869	$ 131	$ 1,219,738	0.848	$ 1,034,778
1-Dec-26	0	0.0%	12	0.0%	$ 1,270,000	$ 137	$ 1,269,863	0.815	$ 1,034,895
Total					$ 8,195,473	$ 1,070,603	$ 7,124,869		$ 6,287,238

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois

Medical Malpractice - Provident, Oak Forest & Ambulatory
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	5/15/1978	2,575,459	2,575,459	-
Prior	12/12/1981	5,000,000	5,000,000	-
Prior	9/1/1987	1,155,901	1,155,901	-
Prior	9/15/1987	2,500,000	2,500,000	-
Prior	1/13/1988	4,000,000	4,000,000	-
Prior	4/22/1988	1,500,000	1,500,000	-
Prior	1/14/1989	2,750,000	2,750,000	-
Prior	2/1/1990	2,500,000	2,500,000	-
Prior	8/29/1990	6,500,000	6,500,000	-
Prior	3/25/1991	3,500,000	3,500,000	-
Prior	12/15/1993	1,200,000	1,200,000	-
Prior	6/2/1997	2,500,000	2,500,000	-
Prior	9/18/1997	1,000,000	1,000,000	-
Prior	12/18/1997	1,000,000	1,000,000	-
Prior	1/25/1998	1,000,000	1,000,000	-
Prior	9/1/1998	8,500,000	8,500,000	-
Prior	4/17/1999	1,250,000	1,250,000	-
Prior	8/8/2000	1,500,000	1,500,000	-
12/1/2003	2/20/2004	1,500,000	1,500,000	-
12/1/2003	5/18/2004	2,500,000	2,500,000	-
12/1/2003	5/19/2004	20,000,000	20,000,000	-
12/1/2003	7/2/2004	2,850,000	2,850,000	-
12/1/2004	11/3/2005	1,000,000	1,000,000	-
12/1/2011	3/27/2012	1,450,000	1,450,000	-
12/1/2015	12/30/2015	2,500,000	2,500,000	-
12/1/2020	11/28/2021	3,000,000	-	3,000,000

AON

Cook County, Illinois
Medical Malpractice (Cermak, Provident, Stroger)
Occurrence
Indemnity and Expense
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																		285,259	285,259	285,259	285,259	285,259	285,259	285,259
12/1/2001	33,740	25,655	29,808	24,761	25,134	31,305	25,861	26,061	25,061	25,061	25,061	25,061	25,061	25,061	25,061	24,848	24,848	24,848	24,848	24,848	24,848	24,848	24,848	
12/1/2002	26,711	16,022	5,770	8,413	8,248	6,788	5,688	5,336	5,316	5,316	5,316	5,316	5,316	5,316	5,313	5,313	5,313	5,313	5,313	5,313	5,313	5,313		
12/1/2003	28,331	39,505	26,840	38,771	29,756	28,646	20,246	20,146	19,646	19,646	19,646	19,646	19,646	19,196	19,196	19,196	19,196	19,196	19,196	19,196	19,196			
12/1/2004	9,450	27,041	20,842	24,110	21,345	19,465	18,715	19,715	19,715	19,715	19,715	19,715	29,698	39,698	33,698	33,698	33,698	33,698	33,698	33,698				
12/1/2005	14,276	35,957	22,631	24,828	17,228	16,758	13,858	15,603	25,603	25,603	24,028	24,250	25,000	24,750	24,750	24,750	24,750	24,750	24,750					
12/1/2006	11,046	13,126	8,721	5,787	4,726	5,646	5,496	4,766	4,766	4,766	4,853	4,853	4,853	4,853	4,853	4,853	4,853	4,853						
12/1/2007	24,827	12,544	17,152	18,477	12,927	12,227	10,927	8,427	8,427	8,302	8,302	8,302	8,302	8,302	8,302	8,302	8,302							
12/1/2008	5,235	6,890	9,775	10,255	9,555	10,005	8,255	8,405	8,205	8,205	8,205	8,705	9,205	9,205	8,693	8,693								
12/1/2009	5,095	8,253	15,550	16,368	13,503	12,388	11,203	11,203	11,203	11,203	11,203	11,203	11,203	11,203	11,203									
12/1/2010	770	3,900	8,530	11,105	11,183	10,673	9,968	10,718	10,718	10,818	10,818	10,818	10,818	10,818										
12/1/2011	23,923	34,253	39,927	39,455	39,045	37,644	38,344	38,044	43,644	43,644	41,694	42,194	39,394											
12/1/2012	6,925	12,000	29,150	39,255	61,465	66,155	70,215	63,015	61,515	61,515	61,515	61,515												
12/1/2013	1,560	7,155	6,400	5,575	3,125	2,700	2,700	2,700	2,700	2,200	2,200													
12/1/2014	7,000	8,225	8,630	16,108	38,101	29,431	31,931	31,931	29,931	29,931														
12/1/2015	5,190	8,620	11,315	12,990	13,930	16,793	16,893	16,493	16,168															
12/1/2016	450	2,376	9,851	28,000	8,950	9,030	7,094	8,994																
12/1/2017	1,450	3,955	16,980	35,730	33,435	36,335	39,685																	
12/1/2018	50	5,155	10,595	11,345	12,570	11,412																		
12/1/2019	0	11,152	20,437	29,793	27,893																			
12/1/2020	0	5,249	13,019	28,669																				
12/1/2021	2,500	29,500	69,600																					
12/1/2022	0	525																						
12/1/2023	600																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																		1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2001	0.760	1.162	0.831	1.015	1.246	0.826	1.008	0.962	1.000	1.000	1.000	1.000	1.000	1.000	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002	0.600	0.360	1.458	0.980	0.823	0.838	0.938	0.996	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003	1.394	0.679	1.445	0.767	0.963	0.707	0.995	0.975	1.000	1.000	1.000	1.000	0.977	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004	2.861	0.771	1.157	0.885	0.912	0.961	1.053	1.000	1.000	1.000	1.000	1.506	1.337	0.849	1.000	1.000	1.000	1.000	1.000					
12/1/2005	2.519	0.629	1.097	0.694	0.973	0.827	1.126	1.641	1.000	0.938	1.009	1.031	0.990	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.188	0.664	0.664	0.817	1.195	0.973	0.867	1.000	1.000	1.018	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	0.505	1.367	1.077	0.700	0.946	0.894	0.771	1.000	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.316	1.419	1.049	0.932	1.047	0.825	1.018	0.976	1.000	1.000	1.061	1.057	1.000	0.944	1.000									
12/1/2009	1.620	1.884	1.053	0.825	0.917	0.904	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	5.065	2.187	1.302	1.007	0.954	0.934	1.075	1.000	1.009	1.000	1.000	1.000	1.000											
12/1/2011	1.432	1.166	0.988	0.990	0.964	1.019	0.992	1.147	1.000	0.955	1.012	0.934												
12/1/2012	1.733	2.429	1.347	1.566	1.076	1.061	0.897	0.976	1.000	1.000	1.000													
12/1/2013	4.587	0.894	0.871	0.561	0.864	1.000	1.000	1.000	0.815	1.000														
12/1/2014	1.175	1.049	1.867	2.365	0.772	1.085	1.000	0.937	1.000															
12/1/2015	1.661	1.313	1.148	1.072	1.205	1.006	0.976	0.980																
12/1/2016	5.279	4.147	2.842	0.320	1.009	0.786	1.268																	
12/1/2017	2.728	4.293	2.104	0.936	1.087	1.092																		
12/1/2018	103.100	2.055	1.071	1.108	0.908																			
12/1/2019		1.833	1.458	0.936																				
12/1/2020		2.480	2.202																					
12/1/2021	11.800	2.359																						
12/1/2022																								
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	7.964	1.673	1.351	0.972	0.992	0.926	0.999	1.039	0.986	0.993	1.007	1.048	1.030	0.977	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	NA	2.224	1.577	0.993	1.001	0.961	1.081	0.973	0.938	0.985	1.004	0.978	1.000	0.981	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	NA	2.604	1.935	0.874	0.996	0.994	1.028	1.008	0.965	0.991	1.015	0.998	1.000	0.989	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	14.110	2.245	1.585	0.961	1.033	1.024	1.027	0.955	0.995	0.982	1.004	0.956	1.000	0.982	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA		
5 Yr Wtd Average	20.228	2.375	1.884	0.821	0.963	1.043	0.956	1.012	0.997	0.985	1.007	0.972	1.000	0.991	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	NA	2.359	1.458	0.936	1.009	1.006	1.000	0.980	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA		
Avg X Hi-Lo (5yr X 2)	NA	2.298	1.921	0.981	1.001	1.030	0.992	0.985	1.000	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	1.725	1.350	1.175	1.075	1.030	1.017	1.008	1.010	1.008	1.010	1.010	1.008	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry (AM Bests)	3.475	2.070	1.420	1.170	1.075	1.025	1.010	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry (Aon HPL)	3.188	1.835	1.419	1.189	1.078	1.038	1.026	1.016	1.006	1.013	1.007	1.004	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.725	1.673	1.351	1.075	1.030	1.017	1.008	1.010	1.007	1.006	1.006	1.005	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.725**	**1.673**	**1.351**	**1.075**	**1.030**	**1.017**	**1.008**	**1.010**	**1.007**	**1.006**	**1.006**	**1.005**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**4.612**	**2.674**	**1.598**	**1.182**	**1.100**	**1.068**	**1.050**	**1.041**	**1.031**	**1.024**	**1.018**	**1.012**	**1.007**	**1.003**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests Med Mal Occ

Aon Proprietary and Confidential

AON

Cook County, Illinois
Medical Malpractice (Cermak, Provident, Stroger)
Occurrence
Indemnity and Expense
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																		285,259	285,259	285,259	285,259	285,259	285,259	285,259
12/1/2001	0	0	30	9,351	12,349	16,054	25,061	25,061	25,061	25,061	25,061	25,061	25,061	25,061	25,061	24,848	24,848	24,848	24,848	24,848	24,848	24,848	24,848	
12/1/2002	10	12	1,260	1,263	3,248	4,488	4,888	4,986	5,316	5,316	5,316	5,316	5,316	5,316	5,313	5,313	5,313	5,313	5,313	5,313	5,313	5,313		
12/1/2003	0	0	0	8,781	16,656	18,246	19,496	19,646	19,646	19,646	19,646	19,646	19,646	19,196	19,196	19,196	19,196	19,196	19,196	19,196	19,196			
12/1/2004	0	90	107	5,775	16,665	18,715	18,715	18,715	18,715	19,715	19,715	19,715	19,698	19,698	19,698	33,698	33,698	33,698	33,698	33,698				
12/1/2005	0	1	516	528	6,778	9,228	9,908	11,533	11,603	23,603	24,028	24,000	24,000	24,000	24,750	24,750	24,750	24,750	24,750					
12/1/2006	0	16	16	26	2,016	2,016	4,766	4,766	4,766	4,766	4,753	4,753	4,753	4,753	4,753	4,753	4,753	4,753						
12/1/2007	0	127	127	3,677	6,027	8,427	8,427	8,427	8,427	8,302	8,302	8,302	8,302	8,302	8,302	8,302	8,302							
12/1/2008	0	0	2,445	3,155	3,155	4,405	5,155	8,155	8,205	8,205	8,205	8,205	8,205	8,205	8,693	8,693								
12/1/2009	0	0	0	2,318	7,653	10,438	11,203	11,203	11,203	11,203	11,203	11,203	11,203	11,203	11,203									
12/1/2010	0	0	0	2,850	4,878	5,168	5,468	10,718	10,718	10,718	10,718	10,718	10,718	10,718										
12/1/2011	0	20,100	20,825	24,390	26,195	34,294	37,294	37,294	37,294	37,294	37,844	37,844	37,844											
12/1/2012	0	850	850	2,330	5,590	20,255	35,565	61,315	61,315	61,315	61,315	61,315												
12/1/2013	0	0	0	825	1,675	2,050	2,050	2,050	2,050	2,050	2,050													
12/1/2014	0	25	30	58	3,966	9,931	16,931	16,931	29,931	29,931														
12/1/2015	90	2,590	4,540	4,835	5,075	10,138	11,113	11,113	15,163															
12/1/2016	0	0	900	2,400	5,150	5,330	5,594	8,994																
12/1/2017	0	0	0	0	30,835	30,835	34,835																	
12/1/2018	0	0	4,895	4,895	9,820	10,162																		
12/1/2019	0	3,902	6,087	14,443	14,443																			
12/1/2020	0	299	1,999	14,149																				
12/1/2021	0	0	29,600																					
12/1/2022	0	275																						
12/1/2023	0																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																		1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2001			311.700	1.321	1.300	1.561	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002	1.150	109.565	1.002	2.572	1.382	1.089	1.020	1.066	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003				1.897	1.095	1.069	1.008	1.000	1.000	1.000	1.000	1.000	0.977	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004		1.189	53.971	2.886	1.123	1.000	1.000	1.000	1.053	1.000	1.000	0.999	1.000	1.000	1.711	1.000	1.000	1.000	1.000					
12/1/2005		1032.000	1.023	12.837	1.361	1.074	1.164	1.006	2.034	1.018	0.999	1.000	1.000	1.031	1.000	1.000	1.000	1.000						
12/1/2006		1.000	1.621	77.245	1.000	2.364	1.000	1.000	1.000	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007		1.000	28.953	1.639	1.398	1.000	1.000	1.000	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008			1.290	1.000	1.396	1.170	1.582	1.006	1.000	1.000	1.000	1.000	1.000	1.059	1.000									
12/1/2009				3.302	1.364	1.073	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010				1.712	1.059	1.058	1.960	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011		1.036	1.171	1.074	1.309	1.087	1.000	1.000	1.000	1.015	1.000	1.000												
12/1/2012		1.000	2.741	2.399	3.623	1.756	1.724	1.000	1.000	1.000	1.000													
12/1/2013				2.030	1.224	1.000	1.000	1.000	1.000	1.000														
12/1/2014		1.200	1.933	68.379	2.504	1.705	1.000	1.768	1.000															
12/1/2015	28.778	1.753	1.065	1.050	1.998	1.096	1.000	1.364																
12/1/2016			2.667	2.146	1.035	1.050	1.608																	
12/1/2017					1.000	1.130																		
12/1/2018			1.000	2.006	1.035																			
12/1/2019		1.560	2.373	1.000																				
12/1/2020		6.686	7.078																					
12/1/2021																								
12/1/2022																								
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	14.964	105.272	27.973	10.361	1.456	1.252	1.192	1.081	1.077	1.002	1.000	1.000	0.998	1.010	1.088	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	NA	NA	3.484	NA	1.023	1.092	1.203	1.377	1.000	1.005	1.000	1.000	1.000	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	NA	NA	NA	NA	1.514	1.196	1.266	1.226	1.000	1.003	1.000	1.000	1.000	1.018	1.142	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	NA	8.972	2.580	2.849	1.011	1.113	1.101	1.567	1.000	1.005	1.000	1.000	1.000	1.018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	NA	10.137	2.585	2.458	1.211	1.210	1.409	1.132	1.000	1.004	1.000	1.000	1.000	1.022	1.211	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	NA	NA	2.373	NA	1.035	1.096	1.000	1.364	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	NA	NA	NA	NA	1.356	1.092	1.203	1.121	1.000	1.000	1.000	1.000	1.000	1.010	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	2.000	112.666	4.900	2.530	1.993	1.232	1.200	1.075	1.038	1.025	1.018	1.012	1.006	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry (AM Bests)	7.500	3.000	1.950	1.495	1.305	1.190	1.100	1.070	1.070	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.018
Industry (Aon HPL)	7.003	2.458	1.822	1.443	1.260	1.133	1.102	1.035	1.012	1.042	1.024	1.012	1.006	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	2.000	112.666	4.900	2.494	1.980	1.224	1.200	1.081	1.038	1.025	1.018	1.012	1.006	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.000**	**112.666**	**4.900**	**2.494**	**1.980**	**1.224**	**1.200**	**1.081**	**1.038**	**1.025**	**1.018**	**1.012**	**1.006**	**1.004**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**9598.752**	**4799.376**	**42.598**	**8.694**	**3.486**	**1.760**	**1.438**	**1.199**	**1.109**	**1.069**	**1.043**	**1.024**	**1.012**	**1.006**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests Med Mal Occ

AON

Cook County, Illinois
Medical Malpractice (Cermak, Provident, Stroger)
Occurrence
Indemnity and Expense
Reported Claim Count Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			520	520	520	520	520	520
12/1/2001															118	118	118	118	118	118	118	118	118	
12/1/2002														111	111	111	111	111	111	111	111	111		
12/1/2003													161	161	161	161	161	161	161	161	161			
12/1/2004												121	121	121	121	121	121	121	121	121				
12/1/2005											100	101	101	101	101	101	101	101	101					
12/1/2006										72	73	73	73	73	73	73	73	73						
12/1/2007									51	51	51	51	51	51	51	51	51							
12/1/2008								46	46	46	46	47	47	47	47	47								
12/1/2009							51	51	51	51	51	51	51	51	51									
12/1/2010						59	59	60	60	60	60	60	60	60										
12/1/2011					56	56	57	57	59	59	59	59	59											
12/1/2012				64	65	65	65	65	65	65	65	65												
12/1/2013			41	42	42	42	42	42	42	42	42													
12/1/2014		33	43	45	47	47	47	47	48	48														
12/1/2015	35	46	53	56	57	58	58	58	58															
12/1/2016	12	19	25	26	24	24	24	24																
12/1/2017	28	34	39	42	42	42	43																	
12/1/2018	29	38	44	45	46	47																		
12/1/2019	15	22	27	29	29																			
12/1/2020	16	18	22	23																				
12/1/2021	18	23	27																					
12/1/2022	9	16																						
12/1/2023	23																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001															1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002														1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003													1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004												1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
12/1/2005											1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006										1.014	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007									1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008								1.000	1.000	1.000	1.022	1.000	1.000	1.000	1.000									
12/1/2009							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010						1.000	1.017	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011					1.000	1.018	1.000	1.035	1.000	1.000	1.000	1.000												
12/1/2012				1.016	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
12/1/2013			1.024	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12/1/2014		1.303	1.047	1.044	1.000	1.000	1.000	1.021	1.000															
12/1/2015	1.314	1.152	1.057	1.018	1.018	1.000	1.000	1.000																
12/1/2016	1.583	1.316	1.040	0.923	1.000	1.000	1.000																	
12/1/2017	1.214	1.147	1.077	1.000	1.000	1.024																		
12/1/2018	1.310	1.158	1.023	1.022	1.022																			
12/1/2019	1.467	1.227	1.074	1.000																				
12/1/2020	1.125	1.222	1.045																					
12/1/2021	1.278	1.174																						
12/1/2022	1.778																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.384	1.212	1.048	1.003	1.005	1.005	1.002	1.007	1.000	1.002	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.394	1.208	1.047	1.007	1.007	1.008	1.000	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.392	1.186	1.052	0.993	1.008	1.005	1.000	1.011	1.000	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.326	1.206	1.043	1.009	1.009	1.008	1.000	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.345	1.178	1.051	1.000	1.009	1.005	1.000	1.011	1.000	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.278	1.222	1.045	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.352	1.185	1.053	1.006	1.006	1.000	1.000	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	1.327	1.158	1.041	1.015	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry (AM Bests)	1.994	1.466	1.202	1.166	1.108	1.070	1.069	1.047	1.029	1.012	1.009	1.007	1.005	1.004	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.001
Initial Selected	1.327	1.168	1.041	1.015	1.008	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.327**	**1.168**	**1.041**	**1.015**	**1.008**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.655**	**1.247**	**1.068**	**1.025**	**1.010**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests Med Mal Occ

Cook County, Illinois
Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Payroll (in 00s)	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	17,485	8	88,728,607	86,632,567	2,096,040	671,393	2,767,433	89,400,000	
1-Dec-01	7,524,575	9,500,000	1,161	-	8,631,917	8,631,917	-	-	-	8,631,917	1.15
1-Dec-02	7,790,984	9,500,000	1,223	2	8,998,944	8,365,482	633,462	45,056	678,518	9,044,000	1.16
1-Dec-03	8,101,821	Various	1,218	3	9,790,923	8,693,012	1,097,911	161,077	1,258,988	9,952,000	1.23
1-Dec-04	8,323,626	Unlimited	1,318	2	9,595,771	9,161,247	434,524	71,229	505,753	9,667,000	1.16
1-Dec-05	8,264,792	Unlimited	1,159	1	9,620,738	9,274,665	346,073	88,262	434,335	9,709,000	1.17
1-Dec-06	8,599,062	Unlimited	903	1	13,123,770	12,800,830	322,941	233,230	556,170	13,357,000	1.55
1-Dec-07	9,142,601	Unlimited	777	-	18,986,703	18,986,703	-	122,297	122,297	19,109,000	2.09
1-Dec-08	9,427,068	Unlimited	767	-	14,805,974	14,805,974	-	200,026	200,026	15,006,000	1.59
1-Dec-09	9,982,498	Unlimited	862	4	14,143,058	13,723,427	419,630	406,942	826,573	14,550,000	1.46
1-Dec-10	9,280,825	Unlimited	789	8	13,195,119	11,349,119	1,846,000	564,881	2,410,881	13,760,000	1.48
1-Dec-11	8,990,821	Unlimited	783	5	13,223,356	13,121,037	102,319	476,644	578,963	13,700,000	1.52
1-Dec-12	9,493,384	Unlimited	720	7	12,998,353	11,733,759	1,264,594	371,647	1,636,241	13,370,000	1.41
1-Dec-13	9,880,811	Unlimited	761	13	16,638,813	15,186,279	1,452,534	631,187	2,083,721	17,270,000	1.75
1-Dec-14	9,985,665	Unlimited	778	19	19,645,489	16,865,004	2,780,485	854,511	3,634,996	20,500,000	2.05
1-Dec-15	10,539,306	Unlimited	1,108	16	26,713,241	24,992,676	1,720,565	1,986,759	3,707,324	28,700,000	2.72
1-Dec-16	10,752,478	Unlimited	1,240	28	29,681,292	25,301,685	4,379,607	2,818,708	7,198,315	32,500,000	3.02
1-Dec-17	10,065,463	Unlimited	1,088	42	35,712,644	27,520,871	8,191,773	2,787,356	10,979,129	38,500,000	3.82
1-Dec-18	10,381,614	Unlimited	1,038	47	31,113,702	25,917,887	5,195,815	4,286,298	9,482,113	35,400,000	3.41
1-Dec-19	10,539,190	Unlimited	1,224	116	44,003,156	31,663,985	12,339,171	8,496,844	20,836,015	52,500,000	4.98
1-Dec-20	10,216,926	Unlimited	1,208	135	35,533,592	24,496,748	11,036,845	9,466,408	20,503,252	45,000,000	4.40
1-Dec-21	10,654,358	Unlimited	1,301	192	36,333,077	19,438,648	16,894,428	15,666,923	32,561,352	52,000,000	4.88
1-Dec-22	11,616,907	Unlimited	1,115	226	30,393,847	14,185,142	16,208,706	23,606,153	39,814,858	54,000,000	4.65
1-Dec-23	12,238,211	Unlimited	1,129	580	28,175,213	5,732,894	22,442,319	36,824,787	59,267,106	65,000,000	5.31
Total	221,792,985		41,155	1,455	569,787,298	458,581,558	111,205,740	110,838,619	222,044,358	680,625,917	2.67
Full Policy Period Projections											
1-Dec-24	12,830,586	Unlimited								63,000,000	4.91
1-Dec-25	13,215,503	Unlimited								65,800,000	4.98

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 89,139,806	$ 87,907,073	$ 89,706,715	N/A	N/A	N/A	N/A	$ 89,139,806	$ 89,400,000
1-Dec-01	$ 8,680,426	$ 8,769,891	$ 8,631,917	$ 8,778,455	$ 9,044,462	$ 8,684,543	$ 8,775,151	$ 8,680,426	$ 8,631,917
1-Dec-02	$ 9,067,268	$ 8,515,874	$ 9,470,391	$ 9,206,511	$ 8,851,949	$ 9,074,213	$ 8,535,158	$ 9,067,268	$ 9,044,000
1-Dec-03	$ 9,886,449	$ 8,870,056	$ 10,821,117	$ 10,073,114	$ 9,275,944	$ 9,895,057	$ 8,899,647	$ 9,886,449	$ 9,952,000
1-Dec-04	$ 9,708,771	$ 9,375,870	$ 10,045,239	$ 9,949,212	$ 9,856,378	$ 9,729,221	$ 9,414,714	$ 9,708,771	$ 9,667,000
1-Dec-05	$ 9,763,233	$ 9,529,911	$ 10,035,138	$ 10,067,224	$ 10,094,019	$ 9,795,299	$ 9,585,484	$ 9,763,233	$ 9,709,000
1-Dec-06	$ 13,358,103	$ 13,205,730	$ 13,555,612	$ 13,690,255	$ 13,790,944	$ 13,356,051	$ 13,196,302	$ 13,358,103	$ 13,357,000
1-Dec-07	$ 19,383,698	$ 19,665,614	$ 18,986,703	$ 19,701,883	$ 20,192,218	$ 19,292,660	$ 19,490,266	$ 19,383,698	$ 19,109,000
1-Dec-08	$ 15,160,898	$ 15,473,706	$ 14,805,974	$ 15,659,063	$ 16,378,478	$ 15,175,450	$ 15,469,132	$ 15,160,898	$ 15,006,000
1-Dec-09	$ 14,525,536	$ 14,528,784	$ 14,522,760	$ 15,155,624	$ 15,855,037	$ 14,588,543	$ 14,630,349	$ 14,525,536	$ 14,550,000
1-Dec-10	$ 13,592,617	$ 12,149,274	$ 14,669,414	$ 14,194,678	$ 13,600,248	$ 13,647,880	$ 12,326,168	$ 13,592,617	$ 13,760,000
1-Dec-11	$ 13,662,568	$ 14,289,635	$ 13,289,628	$ 14,308,795	$ 15,882,298	$ 13,734,934	$ 14,363,974	$ 13,662,568	$ 13,700,000
1-Dec-12	$ 13,497,240	$ 12,968,755	$ 13,800,567	$ 14,340,045	$ 15,190,466	$ 13,663,884	$ 13,356,605	$ 13,497,240	$ 13,370,000
1-Dec-13	$ 17,432,916	$ 17,019,637	$ 17,703,115	$ 18,397,688	$ 19,345,625	$ 17,576,032	$ 17,266,521	$ 17,432,916	$ 17,270,000
1-Dec-14	$ 20,860,275	$ 19,262,842	$ 22,089,729	$ 21,961,026	$ 21,814,618	$ 20,986,360	$ 19,531,249	$ 20,860,275	$ 20,500,000
1-Dec-15	$ 28,804,025	$ 29,372,447	$ 28,345,253	$ 29,825,654	$ 31,386,380	$ 28,684,593	$ 28,739,133	$ 28,804,025	$ 28,700,000
1-Dec-16	$ 32,484,432	$ 30,753,510	$ 33,835,076	$ 33,525,532	$ 33,199,159	$ 32,328,475	$ 30,268,603	$ 32,484,432	$ 32,500,000
1-Dec-17	$ 40,062,505	$ 35,145,920	$ 43,919,511	$ 40,339,254	$ 36,765,582	$ 39,164,296	$ 33,735,012	$ 40,053,828	$ 38,500,000
1-Dec-18	$ 36,124,995	$ 35,912,155	$ 36,277,661	$ 37,330,702	$ 38,390,239	$ 36,043,766	$ 34,757,011	$ 36,120,615	$ 35,400,000
1-Dec-19	$ 54,107,064	$ 48,514,633	$ 58,351,350	$ 52,679,466	$ 47,801,755	$ 51,349,588	$ 43,675,032	$ 54,091,331	$ 52,500,000
1-Dec-20	$ 46,934,907	$ 42,470,387	$ 50,404,614	$ 46,748,195	$ 44,034,506	$ 45,386,490	$ 39,317,437	$ 46,942,639	$ 45,000,000
1-Dec-21	$ 52,431,857	$ 41,455,685	$ 59,484,854	$ 51,671,753	$ 45,970,339	$ 50,207,812	$ 39,637,013	$ 52,452,074	$ 52,000,000
1-Dec-22	$ 52,758,564	$ 41,219,188	$ 60,016,036	$ 53,862,896	$ 50,496,013	$ 52,053,674	$ 41,711,997	$ 52,720,271	$ 54,000,000
1-Dec-23	$ 77,166,943	$ 38,719,952	$ 93,816,919	$ 65,836,294	$ 56,269,966	$ 63,812,181	$ 43,860,648	$ 76,542,223	$ 65,000,000
Total	$ 698,595,094	$ 615,096,525	$ 746,585,292	$ 607,303,319	$ 583,486,624	$ 588,230,999	$ 520,542,605	$ 697,931,241	$ 680,625,917

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 89,400,000	$ 88,728,607	$ 86,632,567	$ 2,096,040	$ 671,393	$ 2,767,433	$ 2,424,343
1-Dec-01	276	$ 9,500,000	$ 8,631,917	$ 8,631,917	$ 8,631,917	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 9,044,000	$ 8,998,944	$ 8,365,482	$ 633,462	$ 45,056	$ 678,518	$ 567,535
1-Dec-03	252	Various	$ 9,952,000	$ 9,790,923	$ 8,693,012	$ 1,097,911	$ 161,077	$ 1,258,988	$ 1,033,430
1-Dec-04	240	Unlimited	$ 9,667,000	$ 9,595,771	$ 9,161,247	$ 434,524	$ 71,229	$ 505,753	$ 411,205
1-Dec-05	228	Unlimited	$ 9,709,000	$ 9,620,738	$ 9,274,665	$ 346,073	$ 88,262	$ 434,335	$ 351,801
1-Dec-06	216	Unlimited	$ 13,357,000	$ 13,123,770	$ 12,800,830	$ 322,941	$ 233,230	$ 556,170	$ 446,956
1-Dec-07	204	Unlimited	$ 19,109,000	$ 18,986,703	$ 18,986,703	$ -	$ 122,297	$ 122,297	$ 97,258
1-Dec-08	192	Unlimited	$ 15,006,000	$ 14,805,974	$ 14,805,974	$ -	$ 200,026	$ 200,026	$ 161,458
1-Dec-09	180	Unlimited	$ 14,550,000	$ 14,143,058	$ 13,723,427	$ 419,630	$ 406,942	$ 826,573	$ 678,408
1-Dec-10	168	Unlimited	$ 13,760,000	$ 13,195,119	$ 11,349,119	$ 1,846,000	$ 564,881	$ 2,410,881	$ 1,973,978
1-Dec-11	156	Unlimited	$ 13,700,000	$ 13,223,356	$ 13,121,037	$ 102,319	$ 476,644	$ 578,963	$ 477,191
1-Dec-12	144	Unlimited	$ 13,370,000	$ 12,998,353	$ 11,733,759	$ 1,264,594	$ 371,647	$ 1,636,241	$ 1,339,032
1-Dec-13	132	Unlimited	$ 17,270,000	$ 16,638,813	$ 15,186,279	$ 1,452,534	$ 631,187	$ 2,083,721	$ 1,684,947
1-Dec-14	120	Unlimited	$ 20,500,000	$ 19,645,489	$ 16,865,004	$ 2,780,485	$ 854,511	$ 3,634,996	$ 2,923,099
1-Dec-15	108	Unlimited	$ 28,700,000	$ 26,713,241	$ 24,992,676	$ 1,720,565	$ 1,986,759	$ 3,707,324	$ 2,991,004
1-Dec-16	96	Unlimited	$ 32,500,000	$ 29,681,292	$ 25,301,685	$ 4,379,607	$ 2,818,708	$ 7,198,315	$ 5,813,309
1-Dec-17	84	Unlimited	$ 38,500,000	$ 35,712,644	$ 27,520,871	$ 8,191,773	$ 2,787,356	$ 10,979,129	$ 8,927,748
1-Dec-18	72	Unlimited	$ 35,400,000	$ 31,113,702	$ 25,917,887	$ 5,195,815	$ 4,286,298	$ 9,482,113	$ 7,822,661
1-Dec-19	60	Unlimited	$ 52,500,000	$ 44,003,156	$ 31,663,985	$ 12,339,171	$ 8,496,844	$ 20,836,015	$ 17,289,480
1-Dec-20	48	Unlimited	$ 45,000,000	$ 35,533,592	$ 24,496,748	$ 11,036,845	$ 9,466,408	$ 20,503,252	$ 17,015,989
1-Dec-21	36	Unlimited	$ 52,000,000	$ 36,333,077	$ 19,438,648	$ 16,894,428	$ 15,666,923	$ 32,561,352	$ 27,168,645
1-Dec-22	24	Unlimited	$ 54,000,000	$ 30,393,847	$ 14,185,142	$ 16,208,706	$ 23,606,153	$ 39,814,858	$ 33,265,065
1-Dec-23	12	Unlimited	$ 65,000,000	$ 28,175,213	$ 5,732,894	$ 22,442,319	$ 36,824,787	$ 59,267,106	$ 49,988,589
Total			$ 680,625,917	$ 569,787,298	$ 458,581,558	$ 111,205,740	$ 110,838,619	$ 222,044,358	$ 184,853,131

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 88,728,607	1.005	$ 89,139,806	$ 86,632,567	1.015	$ 87,907,073	$ 2,096,040	1.467	$ 89,706,715
1-Dec-01	276	$ 8,631,917	1.006	$ 8,680,426	$ 8,631,917	1.016	$ 8,769,891	$ -	1.551	$ 8,631,917
1-Dec-02	264	$ 8,998,944	1.008	$ 9,067,268	$ 8,365,482	1.018	$ 8,515,874	$ 633,462	1.744	$ 9,470,391
1-Dec-03	252	$ 9,790,923	1.010	$ 9,886,449	$ 8,693,012	1.020	$ 8,870,056	$ 1,097,911	1.938	$ 10,821,117
1-Dec-04	240	$ 9,595,771	1.012	$ 9,708,771	$ 9,161,247	1.023	$ 9,375,870	$ 434,524	2.034	$ 10,045,239
1-Dec-05	228	$ 9,620,738	1.015	$ 9,763,233	$ 9,274,665	1.028	$ 9,529,911	$ 346,073	2.197	$ 10,035,138
1-Dec-06	216	$ 13,123,770	1.018	$ 13,358,103	$ 12,800,830	1.032	$ 13,205,730	$ 322,941	2.337	$ 13,555,612
1-Dec-07	204	$ 18,986,703	1.021	$ 19,383,698	$ 18,986,703	1.036	$ 19,665,614	$ -	2.459	$ 18,986,703
1-Dec-08	192	$ 14,805,974	1.024	$ 15,160,898	$ 14,805,974	1.045	$ 15,473,706	$ -	2.186	$ 14,805,974
1-Dec-09	180	$ 14,143,058	1.027	$ 14,525,536	$ 13,723,427	1.059	$ 14,528,784	$ 419,630	1.905	$ 14,522,760
1-Dec-10	168	$ 13,195,119	1.030	$ 13,592,617	$ 11,349,119	1.071	$ 12,149,274	$ 1,846,000	1.799	$ 14,669,414
1-Dec-11	156	$ 13,223,356	1.033	$ 13,662,568	$ 13,121,037	1.089	$ 14,289,635	$ 102,319	1.648	$ 13,289,628
1-Dec-12	144	$ 12,998,353	1.038	$ 13,497,240	$ 11,733,759	1.105	$ 12,968,755	$ 1,264,594	1.634	$ 13,800,567
1-Dec-13	132	$ 16,638,813	1.048	$ 17,432,916	$ 15,186,279	1.121	$ 17,019,637	$ 1,452,534	1.733	$ 17,703,115
1-Dec-14	120	$ 19,645,489	1.062	$ 20,860,275	$ 16,865,004	1.142	$ 19,262,842	$ 2,780,485	1.879	$ 22,089,729
1-Dec-15	108	$ 26,713,241	1.078	$ 28,804,025	$ 24,992,676	1.175	$ 29,372,447	$ 1,720,565	1.949	$ 28,345,253
1-Dec-16	96	$ 29,681,292	1.094	$ 32,484,432	$ 25,301,685	1.215	$ 30,753,510	$ 4,379,607	1.948	$ 33,835,076
1-Dec-17	84	$ 35,712,644	1.122	$ 40,062,505	$ 27,520,871	1.277	$ 35,145,920	$ 8,191,773	2.002	$ 43,919,511
1-Dec-18	72	$ 31,113,702	1.161	$ 36,124,995	$ 25,917,887	1.386	$ 35,912,155	$ 5,195,815	1.994	$ 36,277,661
1-Dec-19	60	$ 44,003,156	1.230	$ 54,107,064	$ 31,663,985	1.532	$ 48,514,633	$ 12,339,171	2.163	$ 58,351,350
1-Dec-20	48	$ 35,533,592	1.321	$ 46,934,907	$ 24,496,748	1.734	$ 42,470,387	$ 11,036,845	2.347	$ 50,404,614
1-Dec-21	36	$ 36,333,077	1.443	$ 52,431,857	$ 19,438,648	2.133	$ 41,455,685	$ 16,894,428	2.370	$ 59,484,854
1-Dec-22	24	$ 30,393,847	1.736	$ 52,758,564	$ 14,185,142	2.906	$ 41,219,188	$ 16,208,706	2.828	$ 60,016,036
1-Dec-23	12	$ 28,175,213	2.739	$ 77,166,943	$ 5,732,894	6.754	$ 38,719,952	$ 22,442,319	3.925	$ 93,816,919
Total		$ 569,787,298		$ 698,595,094	$ 458,581,558		$ 615,096,525	$ 111,205,740		$ 746,585,292

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Payroll (in 00s)	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 8,631,917	2.652	1.002	$ 22,948,457	14,382,393	1.006	1.74	$ 9,417,121	$ 8,684,543
1-Dec-02	264	$ 8,998,944	2.538	1.002	$ 22,893,990	14,457,869	1.008	1.76	$ 9,988,868	$ 9,074,213
1-Dec-03	252	$ 9,790,923	2.429	1.000	$ 23,777,713	14,632,790	1.010	1.79	$ 10,777,336	$ 9,895,057
1-Dec-04	240	$ 9,595,771	2.324	1.000	$ 22,300,266	14,559,620	1.012	1.83	$ 11,465,779	$ 9,729,221
1-Dec-05	228	$ 9,620,738	2.224	1.000	$ 21,395,490	14,035,639	1.015	1.90	$ 11,960,241	$ 9,795,299
1-Dec-06	216	$ 13,123,770	2.128	1.000	$ 27,929,052	14,177,973	1.018	1.99	$ 13,241,101	$ 13,356,051
1-Dec-07	204	$ 18,986,703	2.036	1.000	$ 38,666,142	14,671,191	1.021	2.07	$ 14,938,680	$ 19,292,660
1-Dec-08	192	$ 14,805,974	1.949	1.000	$ 28,853,730	14,650,932	1.024	2.10	$ 15,782,489	$ 15,175,450
1-Dec-09	180	$ 14,143,058	1.899	1.000	$ 26,851,491	15,062,276	1.027	2.13	$ 16,918,387	$ 14,588,543
1-Dec-10	168	$ 13,195,119	1.928	1.000	$ 25,440,201	13,595,673	1.030	2.20	$ 15,482,364	$ 13,647,880
1-Dec-11	156	$ 13,223,356	1.840	1.000	$ 24,333,657	12,818,761	1.033	2.28	$ 15,913,659	$ 13,734,934
1-Dec-12	144	$ 12,998,353	1.750	1.000	$ 22,752,915	13,108,734	1.038	2.40	$ 18,005,736	$ 13,663,884
1-Dec-13	132	$ 16,638,813	1.663	1.000	$ 27,667,685	13,246,314	1.048	2.58	$ 20,574,721	$ 17,576,032
1-Dec-14	120	$ 19,645,489	1.584	1.000	$ 31,125,516	12,996,974	1.062	2.81	$ 23,025,395	$ 20,986,360
1-Dec-15	108	$ 26,713,241	1.509	1.000	$ 40,316,099	13,350,878	1.078	3.07	$ 27,158,655	$ 28,684,593
1-Dec-16	96	$ 29,681,292	1.435	1.000	$ 42,601,465	13,191,658	1.094	3.34	$ 30,677,118	$ 32,328,475
1-Dec-17	84	$ 35,712,644	1.364	1.000	$ 48,704,269	11,989,120	1.122	3.62	$ 31,789,944	$ 39,164,296
1-Dec-18	72	$ 31,113,702	1.298	1.000	$ 40,399,637	12,005,527	1.161	3.84	$ 35,539,435	$ 36,043,766
1-Dec-19	60	$ 44,003,156	1.237	1.000	$ 54,453,227	11,861,951	1.230	4.10	$ 39,340,608	$ 51,349,588
1-Dec-20	48	$ 35,533,592	1.169	1.000	$ 41,548,918	11,136,845	1.321	4.26	$ 40,560,660	$ 45,386,490
1-Dec-21	36	$ 36,333,077	1.094	1.000	$ 39,749,102	11,275,400	1.443	4.38	$ 45,188,401	$ 50,207,812
1-Dec-22	24	$ 30,393,847	1.045	1.000	$ 31,761,570	11,935,977	1.736	4.47	$ 51,095,722	$ 52,053,674
1-Dec-23	12	$ 28,175,213	1.000	1.000	$ 28,175,213	12,238,211	2.739	4.59	$ 56,131,839	$ 63,812,181
Total		$ 481,058,691			$ 734,645,805	305,382,705			$ 564,974,256	$ 588,230,999

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - General Government (Indemnity))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Payroll (in 00s)	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 8,631,917	2.652	1.002	$ 22,948,457	14,382,393	1.016	1.68	$ 9,104,214	$ 8,775,151
1-Dec-02	264	$ 8,365,482	2.538	1.002	$ 21,282,415	14,457,869	1.018	1.69	$ 9,607,815	$ 8,535,158
1-Dec-03	252	$ 8,693,012	2.429	1.000	$ 21,111,385	14,632,790	1.020	1.72	$ 10,352,585	$ 8,899,647
1-Dec-04	240	$ 9,161,247	2.324	1.000	$ 21,290,446	14,559,620	1.023	1.77	$ 11,072,799	$ 9,414,714
1-Dec-05	228	$ 9,274,665	2.224	1.000	$ 20,625,861	14,035,639	1.028	1.84	$ 11,604,797	$ 9,585,484
1-Dec-06	216	$ 12,800,830	2.128	1.000	$ 27,241,793	14,177,973	1.032	1.94	$ 12,898,255	$ 13,196,302
1-Dec-07	204	$ 18,986,703	2.036	1.000	$ 38,666,142	14,671,191	1.036	2.02	$ 14,586,408	$ 19,490,266
1-Dec-08	192	$ 14,805,974	1.949	1.000	$ 28,853,730	14,650,932	1.045	2.04	$ 15,367,702	$ 15,469,132
1-Dec-09	180	$ 13,723,427	1.899	1.000	$ 26,054,796	15,062,276	1.059	2.06	$ 16,361,037	$ 14,630,349
1-Dec-10	168	$ 11,349,119	1.928	1.000	$ 21,881,111	13,595,673	1.071	2.10	$ 14,835,169	$ 12,326,168
1-Dec-11	156	$ 13,121,037	1.840	1.000	$ 24,145,370	12,818,761	1.089	2.18	$ 15,198,654	$ 14,363,974
1-Dec-12	144	$ 11,733,759	1.750	1.000	$ 20,539,311	13,108,734	1.105	2.28	$ 17,041,586	$ 13,356,605
1-Dec-13	132	$ 15,186,279	1.663	1.000	$ 25,252,354	13,246,314	1.121	2.42	$ 19,311,536	$ 17,266,521
1-Dec-14	120	$ 16,865,004	1.584	1.000	$ 26,720,228	12,996,974	1.142	2.61	$ 21,419,068	$ 19,531,249
1-Dec-15	108	$ 24,992,676	1.509	1.000	$ 37,719,392	13,350,878	1.175	2.84	$ 25,125,195	$ 28,739,133
1-Dec-16	96	$ 25,301,685	1.435	1.000	$ 36,315,429	13,191,658	1.215	3.05	$ 28,018,171	$ 30,268,603
1-Dec-17	84	$ 27,520,871	1.364	1.000	$ 37,532,475	11,989,120	1.277	3.26	$ 28,642,662	$ 33,735,012
1-Dec-18	72	$ 25,917,887	1.298	1.000	$ 33,653,123	12,005,527	1.386	3.44	$ 31,761,406	$ 34,757,011
1-Dec-19	60	$ 31,663,985	1.237	1.000	$ 39,183,693	11,861,951	1.532	3.61	$ 34,580,958	$ 43,675,032
1-Dec-20	48	$ 24,496,748	1.169	1.000	$ 28,643,694	11,136,845	1.734	3.68	$ 35,020,199	$ 39,317,437
1-Dec-21	36	$ 19,438,648	1.094	1.000	$ 21,266,264	11,275,400	2.133	3.69	$ 38,031,324	$ 39,637,013
1-Dec-22	24	$ 14,185,142	1.045	1.000	$ 14,823,473	11,935,977	2.906	3.67	$ 41,970,582	$ 41,711,997
1-Dec-23	12	$ 5,732,894	1.000	1.000	$ 5,732,894	12,238,211	6.754	3.66	$ 44,754,061	$ 43,860,648
Total		$ 371,948,991			$ 601,483,836	305,382,705			$ 506,666,186	$ 520,542,605

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - General Government (Indemnity))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Reported Claims	(4) Claim CDF	(5) Ultimate Claims	(6) Severity LDF	(7) Reported Severity	(8) Ultimate Reported Severity	(9) Unreported Claims	(10) Ultimate Unreported Severity	(11) Ultimate Loss
Prior	288	17,485	1.000	17,485	1.005	$ 5,075	$ 5,098	0	$ 5,565	$ 89,139,806
1-Dec-01	276	1,161	1.000	1,161	1.006	$ 7,435	$ 7,477	0	$ 6,098	$ 8,680,426
1-Dec-02	264	1,223	1.000	1,223	1.008	$ 7,358	$ 7,414	0	$ 6,717	$ 9,067,268
1-Dec-03	252	1,218	1.000	1,218	1.010	$ 8,039	$ 8,117	0	$ 7,478	$ 9,886,449
1-Dec-04	240	1,318	1.000	1,318	1.012	$ 7,281	$ 7,366	0	$ 8,374	$ 9,708,771
1-Dec-05	228	1,159	1.000	1,159	1.015	$ 8,301	$ 8,424	0	$ 9,576	$ 9,763,233
1-Dec-06	216	903	1.000	903	1.018	$ 14,534	$ 14,793	0	$ 11,195	$ 13,358,103
1-Dec-07	204	777	1.000	777	1.021	$ 24,436	$ 24,947	0	$ 13,013	$ 19,383,698
1-Dec-08	192	767	1.000	767	1.024	$ 19,304	$ 19,766	0	$ 14,523	$ 15,160,898
1-Dec-09	180	862	1.000	862	1.027	$ 16,407	$ 16,851	0	$ 15,676	$ 14,525,536
1-Dec-10	168	789	1.000	789	1.030	$ 16,724	$ 17,228	0	$ 16,209	$ 13,592,617
1-Dec-11	156	783	1.000	783	1.033	$ 16,888	$ 17,449	0	$ 17,800	$ 13,662,568
1-Dec-12	144	720	1.000	720	1.038	$ 18,053	$ 18,746	0	$ 19,667	$ 13,497,240
1-Dec-13	132	761	1.000	761	1.048	$ 21,864	$ 22,908	0	$ 21,818	$ 17,432,916
1-Dec-14	120	778	1.000	778	1.062	$ 25,251	$ 26,813	0	$ 24,007	$ 20,860,275
1-Dec-15	108	1,108	1.000	1,108	1.078	$ 24,109	$ 25,996	0	$ 26,148	$ 28,804,025
1-Dec-16	96	1,240	1.000	1,240	1.094	$ 23,937	$ 26,197	0	$ 28,496	$ 32,484,432
1-Dec-17	84	1,088	1.001	1,089	1.121	$ 32,824	$ 36,785	1	$ 31,346	$ 40,053,828
1-Dec-18	72	1,038	1.002	1,040	1.159	$ 29,975	$ 34,733	2	$ 33,881	$ 36,120,615
1-Dec-19	60	1,224	1.003	1,228	1.226	$ 35,950	$ 44,073	4	$ 36,566	$ 54,091,331
1-Dec-20	48	1,208	1.004	1,213	1.316	$ 29,415	$ 38,698	5	$ 39,001	$ 46,942,639
1-Dec-21	36	1,301	1.007	1,310	1.433	$ 27,927	$ 40,025	9	$ 42,114	$ 52,452,074
1-Dec-22	24	1,115	1.015	1,132	1.709	$ 27,259	$ 46,597	17	$ 44,993	$ 52,720,271
1-Dec-23	12	1,129	1.032	1,165	2.655	$ 24,956	$ 66,259	36	$ 48,203	$ 76,542,223
Total		41,155		41,229				74		$ 697,931,241

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 8,631,917	1.006	3.49	1.002	3.48	$ 26,222,147	0.006	$ 146,538	$ 8,778,455
1-Dec-02	$ 9,500,000	$ 8,998,944	1.008	3.54	1.002	3.54	$ 27,545,946	0.008	$ 207,568	$ 9,206,511
1-Dec-03	Various	$ 9,790,923	1.010	3.60	1.000	3.60	$ 29,205,461	0.010	$ 282,191	$ 10,073,114
1-Dec-04	Unlimited	$ 9,595,771	1.012	3.65	1.000	3.65	$ 30,367,095	0.012	$ 353,441	$ 9,949,212
1-Dec-05	Unlimited	$ 9,620,738	1.015	3.70	1.000	3.70	$ 30,591,565	0.015	$ 446,486	$ 10,067,224
1-Dec-06	Unlimited	$ 13,123,770	1.018	3.76	1.000	3.76	$ 32,292,371	0.018	$ 566,484	$ 13,690,255
1-Dec-07	Unlimited	$ 18,986,703	1.021	3.82	1.000	3.82	$ 34,919,454	0.020	$ 715,180	$ 19,701,883
1-Dec-08	Unlimited	$ 14,805,974	1.024	3.87	1.000	3.87	$ 36,440,441	0.023	$ 853,090	$ 15,659,063
1-Dec-09	Unlimited	$ 14,143,058	1.027	3.85	1.000	3.85	$ 38,454,649	0.026	$ 1,012,566	$ 15,155,624
1-Dec-10	Unlimited	$ 13,195,119	1.030	3.68	1.000	3.68	$ 34,180,378	0.029	$ 999,558	$ 14,194,678
1-Dec-11	Unlimited	$ 13,223,356	1.033	3.76	1.000	3.76	$ 33,764,763	0.032	$ 1,085,440	$ 14,308,795
1-Dec-12	Unlimited	$ 12,998,353	1.038	3.82	1.000	3.82	$ 36,299,060	0.037	$ 1,341,692	$ 14,340,045
1-Dec-13	Unlimited	$ 16,638,813	1.048	3.91	1.000	3.91	$ 38,612,500	0.046	$ 1,758,875	$ 18,397,688
1-Dec-14	Unlimited	$ 19,645,489	1.062	3.98	1.000	3.98	$ 39,762,337	0.058	$ 2,315,538	$ 21,961,026
1-Dec-15	Unlimited	$ 26,713,241	1.078	4.07	1.000	4.07	$ 42,878,664	0.073	$ 3,112,413	$ 29,825,654
1-Dec-16	Unlimited	$ 29,681,292	1.094	4.14	1.000	4.14	$ 44,549,312	0.086	$ 3,844,240	$ 33,525,532
1-Dec-17	Unlimited	$ 35,712,644	1.122	4.23	1.000	4.23	$ 42,611,385	0.109	$ 4,626,610	$ 40,339,254
1-Dec-18	Unlimited	$ 31,113,702	1.161	4.32	1.000	4.32	$ 44,816,592	0.139	$ 6,217,000	$ 37,330,702
1-Dec-19	Unlimited	$ 44,003,156	1.230	4.41	1.000	4.41	$ 46,462,189	0.187	$ 8,676,311	$ 52,679,466
1-Dec-20	Unlimited	$ 35,533,592	1.321	4.52	1.000	4.52	$ 46,166,285	0.243	$ 11,214,603	$ 46,748,195
1-Dec-21	Unlimited	$ 36,333,077	1.443	4.69	1.000	4.69	$ 49,956,288	0.307	$ 15,338,677	$ 51,671,753
1-Dec-22	Unlimited	$ 30,393,847	1.736	4.77	1.000	4.77	$ 55,363,692	0.424	$ 23,469,048	$ 53,862,896
1-Dec-23	Unlimited	$ 28,175,213	2.739	4.85	1.000	4.85	$ 59,320,021	0.635	$ 37,661,081	$ 65,836,294
Total		$ 481,058,691					$ 900,782,595		$ 126,244,628	$ 607,303,319

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 8,631,917	1.016	3.49	1.002	3.48	$ 26,222,147	0.016	$ 412,545	$ 9,044,462
1-Dec-02	$ 9,500,000	$ 8,365,482	1.018	3.54	1.002	3.54	$ 27,545,946	0.018	$ 486,467	$ 8,851,949
1-Dec-03	Various	$ 8,693,012	1.020	3.60	1.000	3.60	$ 29,205,461	0.020	$ 582,932	$ 9,275,944
1-Dec-04	Unlimited	$ 9,161,247	1.023	3.65	1.000	3.65	$ 30,367,095	0.023	$ 695,131	$ 9,856,378
1-Dec-05	Unlimited	$ 9,274,665	1.028	3.70	1.000	3.70	$ 30,591,565	0.027	$ 819,355	$ 10,094,019
1-Dec-06	Unlimited	$ 12,800,830	1.032	3.76	1.000	3.76	$ 32,292,371	0.031	$ 990,114	$ 13,790,944
1-Dec-07	Unlimited	$ 18,986,703	1.036	3.82	1.000	3.82	$ 34,919,454	0.035	$ 1,205,515	$ 20,192,218
1-Dec-08	Unlimited	$ 14,805,974	1.045	3.87	1.000	3.87	$ 36,440,441	0.043	$ 1,572,505	$ 16,378,478
1-Dec-09	Unlimited	$ 13,723,427	1.059	3.85	1.000	3.85	$ 38,454,649	0.055	$ 2,131,610	$ 15,855,037
1-Dec-10	Unlimited	$ 11,349,119	1.071	3.68	1.000	3.68	$ 34,180,378	0.066	$ 2,251,129	$ 13,600,248
1-Dec-11	Unlimited	$ 13,121,037	1.089	3.76	1.000	3.76	$ 33,764,763	0.082	$ 2,761,261	$ 15,882,298
1-Dec-12	Unlimited	$ 11,733,759	1.105	3.82	1.000	3.82	$ 36,299,060	0.095	$ 3,456,707	$ 15,190,466
1-Dec-13	Unlimited	$ 15,186,279	1.121	3.91	1.000	3.91	$ 38,612,500	0.108	$ 4,159,346	$ 19,345,625
1-Dec-14	Unlimited	$ 16,865,004	1.142	3.98	1.000	3.98	$ 39,762,337	0.124	$ 4,949,614	$ 21,814,618
1-Dec-15	Unlimited	$ 24,992,676	1.175	4.07	1.000	4.07	$ 42,878,664	0.149	$ 6,393,704	$ 31,386,380
1-Dec-16	Unlimited	$ 25,301,685	1.215	4.14	1.000	4.14	$ 44,549,312	0.177	$ 7,897,475	$ 33,199,159
1-Dec-17	Unlimited	$ 27,520,871	1.277	4.23	1.000	4.23	$ 42,611,385	0.217	$ 9,244,711	$ 36,765,582
1-Dec-18	Unlimited	$ 25,917,887	1.386	4.32	1.000	4.32	$ 44,816,592	0.278	$ 12,472,351	$ 38,390,239
1-Dec-19	Unlimited	$ 31,663,985	1.532	4.41	1.000	4.41	$ 46,462,189	0.347	$ 16,137,771	$ 47,801,755
1-Dec-20	Unlimited	$ 24,496,748	1.734	4.52	1.000	4.52	$ 46,166,285	0.423	$ 19,537,758	$ 44,034,506
1-Dec-21	Unlimited	$ 19,438,648	2.133	4.69	1.000	4.69	$ 49,956,288	0.531	$ 26,531,691	$ 45,970,339
1-Dec-22	Unlimited	$ 14,185,142	2.906	4.77	1.000	4.77	$ 55,363,692	0.656	$ 36,310,871	$ 50,496,013
1-Dec-23	Unlimited	$ 5,732,894	6.754	4.85	1.000	4.85	$ 59,320,021	0.852	$ 50,537,071	$ 56,269,966
Total		$ 371,948,991					$ 900,782,595		$ 211,537,633	$ 583,486,624

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred LDF's Unlimited	Incurred LDF's Limited	Paid LDF's Unlimited	Paid LDF's Limited	Claim CDF	Trend Factors Loss	Trend Factors Exposure	Payroll (in 00s)
Prior	1.005	1.005	1.015	1.015	1.000	2.771	1.945	-
1-Dec-01	1.006	1.006	1.016	1.016	1.000	2.652	1.911	7,524,575
1-Dec-02	1.008	1.008	1.018	1.018	1.000	2.538	1.856	7,790,984
1-Dec-03	1.010	1.010	1.020	1.020	1.000	2.429	1.806	8,101,821
1-Dec-04	1.012	1.012	1.023	1.023	1.000	2.324	1.749	8,323,626
1-Dec-05	1.015	1.015	1.028	1.028	1.000	2.224	1.698	8,264,792
1-Dec-06	1.018	1.018	1.032	1.032	1.000	2.128	1.649	8,599,062
1-Dec-07	1.021	1.021	1.036	1.036	1.000	2.036	1.605	9,142,601
1-Dec-08	1.024	1.024	1.045	1.045	1.000	1.949	1.554	9,427,068
1-Dec-09	1.027	1.027	1.059	1.059	1.000	1.899	1.509	9,982,498
1-Dec-10	1.030	1.030	1.071	1.071	1.000	1.928	1.465	9,280,825
1-Dec-11	1.033	1.033	1.089	1.089	1.000	1.840	1.426	8,990,821
1-Dec-12	1.038	1.038	1.105	1.105	1.000	1.750	1.381	9,493,384
1-Dec-13	1.048	1.048	1.121	1.121	1.000	1.663	1.341	9,880,811
1-Dec-14	1.062	1.062	1.142	1.142	1.000	1.584	1.302	9,985,665
1-Dec-15	1.078	1.078	1.175	1.175	1.000	1.509	1.267	10,539,306
1-Dec-16	1.094	1.094	1.215	1.215	1.000	1.435	1.227	10,752,478
1-Dec-17	1.122	1.122	1.277	1.277	1.001	1.364	1.191	10,065,463
1-Dec-18	1.161	1.161	1.386	1.386	1.002	1.298	1.156	10,381,614
1-Dec-19	1.230	1.230	1.532	1.532	1.003	1.237	1.126	10,539,190
1-Dec-20	1.321	1.321	1.734	1.734	1.004	1.169	1.090	10,216,926
1-Dec-21	1.443	1.443	2.133	2.133	1.007	1.094	1.058	10,654,358
1-Dec-22	1.736	1.736	2.906	2.906	1.015	1.045	1.027	11,616,907
1-Dec-23	2.739	2.739	6.754	6.754	1.032	1.000	1.000	12,238,211

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**4.91**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					
States Selected for WC :	**IL**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends, California Indicies, Benefit Level Adjustment Factors
Column (8) : Flat 3.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 88,728,607	$ 86,632,567	$ 2,096,040	Various	-	$ -	-	$ -	$ 88,728,607	$ 86,632,567	$ 2,096,040
1-Dec-01	$ 8,631,917	$ 8,631,917	$ -	$ 9,500,000	-	$ -	-	$ -	$ 8,631,917	$ 8,631,917	$ -
1-Dec-02	$ 8,998,944	$ 8,365,482	$ 633,462	$ 9,500,000	-	$ -	-	$ -	$ 8,998,944	$ 8,365,482	$ 633,462
1-Dec-03	$ 9,790,923	$ 8,693,012	$ 1,097,911	Various	-	$ -	-	$ -	$ 9,790,923	$ 8,693,012	$ 1,097,911
1-Dec-04	$ 9,595,771	$ 9,161,247	$ 434,524	Unlimited	-	$ -	-	$ -	$ 9,595,771	$ 9,161,247	$ 434,524
1-Dec-05	$ 9,620,738	$ 9,274,665	$ 346,073	Unlimited	-	$ -	-	$ -	$ 9,620,738	$ 9,274,665	$ 346,073
1-Dec-06	$ 13,123,770	$ 12,800,830	$ 322,941	Unlimited	-	$ -	-	$ -	$ 13,123,770	$ 12,800,830	$ 322,941
1-Dec-07	$ 18,986,703	$ 18,986,703	$ -	Unlimited	-	$ -	-	$ -	$ 18,986,703	$ 18,986,703	$ -
1-Dec-08	$ 14,805,974	$ 14,805,974	$ -	Unlimited	-	$ -	-	$ -	$ 14,805,974	$ 14,805,974	$ -
1-Dec-09	$ 14,143,058	$ 13,723,427	$ 419,630	Unlimited	-	$ -	-	$ -	$ 14,143,058	$ 13,723,427	$ 419,630
1-Dec-10	$ 13,195,119	$ 11,349,119	$ 1,846,000	Unlimited	-	$ -	-	$ -	$ 13,195,119	$ 11,349,119	$ 1,846,000
1-Dec-11	$ 13,223,356	$ 13,121,037	$ 102,319	Unlimited	-	$ -	-	$ -	$ 13,223,356	$ 13,121,037	$ 102,319
1-Dec-12	$ 12,998,353	$ 11,733,759	$ 1,264,594	Unlimited	-	$ -	-	$ -	$ 12,998,353	$ 11,733,759	$ 1,264,594
1-Dec-13	$ 16,638,813	$ 15,186,279	$ 1,452,534	Unlimited	-	$ -	-	$ -	$ 16,638,813	$ 15,186,279	$ 1,452,534
1-Dec-14	$ 19,645,489	$ 16,865,004	$ 2,780,485	Unlimited	-	$ -	-	$ -	$ 19,645,489	$ 16,865,004	$ 2,780,485
1-Dec-15	$ 26,713,241	$ 24,992,676	$ 1,720,565	Unlimited	-	$ -	-	$ -	$ 26,713,241	$ 24,992,676	$ 1,720,565
1-Dec-16	$ 29,681,292	$ 25,301,685	$ 4,379,607	Unlimited	-	$ -	-	$ -	$ 29,681,292	$ 25,301,685	$ 4,379,607
1-Dec-17	$ 35,712,644	$ 27,520,871	$ 8,191,773	Unlimited	-	$ -	-	$ -	$ 35,712,644	$ 27,520,871	$ 8,191,773
1-Dec-18	$ 31,113,702	$ 25,917,887	$ 5,195,815	Unlimited	-	$ -	-	$ -	$ 31,113,702	$ 25,917,887	$ 5,195,815
1-Dec-19	$ 44,003,156	$ 31,663,985	$ 12,339,171	Unlimited	-	$ -	-	$ -	$ 44,003,156	$ 31,663,985	$ 12,339,171
1-Dec-20	$ 35,533,592	$ 24,496,748	$ 11,036,845	Unlimited	-	$ -	-	$ -	$ 35,533,592	$ 24,496,748	$ 11,036,845
1-Dec-21	$ 36,333,077	$ 19,438,648	$ 16,894,428	Unlimited	-	$ -	-	$ -	$ 36,333,077	$ 19,438,648	$ 16,894,428
1-Dec-22	$ 30,393,847	$ 14,185,142	$ 16,208,706	Unlimited	-	$ -	-	$ -	$ 30,393,847	$ 14,185,142	$ 16,208,706
1-Dec-23	$ 28,175,213	$ 5,732,894	$ 22,442,319	Unlimited	-	$ -	-	$ -	$ 28,175,213	$ 5,732,894	$ 22,442,319
Total	$ 569,787,298	$ 458,581,558	$ 111,205,740		-	$ -	-	$ -	$ 569,787,298	$ 458,581,558	$ 111,205,740

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]

AON

Exhibit 11

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Payroll (in 00s)	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	14,382,393	1,161	1.000	1,161	1.000	1,161	0.00807%		1,161	1,161	0.00807%
1-Dec-02	14,457,869	1,223	1.000	1,223	1.000	1,223	0.00846%		1,223	1,223	0.00846%
1-Dec-03	14,632,790	1,218	1.000	1,218	1.000	1,218	0.00832%		1,218	1,218	0.00832%
1-Dec-04	14,559,620	1,318	1.000	1,318	1.000	1,318	0.00905%		1,318	1,318	0.00905%
1-Dec-05	14,035,639	1,159	1.000	1,159	1.000	1,159	0.00826%		1,159	1,159	0.00826%
1-Dec-06	14,177,973	903	1.000	903	1.000	903	0.00637%		903	903	0.00637%
1-Dec-07	14,671,191	777	1.000	777	1.000	777	0.00530%		777	777	0.00530%
1-Dec-08	14,650,932	767	1.000	767	1.000	767	0.00524%		767	767	0.00524%
1-Dec-09	15,062,276	862	1.000	862	1.000	862	0.00572%		862	862	0.00572%
1-Dec-10	13,595,673	789	1.000	789	1.000	789	0.00580%		789	789	0.00580%
1-Dec-11	12,818,761	783	1.000	783	1.000	783	0.00611%		783	783	0.00611%
1-Dec-12	13,108,734	720	1.000	720	1.000	720	0.00549%		720	720	0.00549%
1-Dec-13	13,246,314	761	1.000	761	1.000	761	0.00574%		761	761	0.00574%
1-Dec-14	12,996,974	778	1.000	778	1.000	778	0.00599%		778	778	0.00599%
1-Dec-15	13,350,878	1,108	1.000	1,108	1.000	1,108	0.00830%		1,108	1,108	0.00830%
1-Dec-16	13,191,658	1,240	1.000	1,240	1.000	1,240	0.00940%		1,240	1,240	0.00940%
1-Dec-17	11,989,120	1,088	1.001	1,089	1.000	1,089	0.00908%		1,089	1,089	0.00908%
1-Dec-18	12,005,527	1,038	1.002	1,040	1.000	1,040	0.00866%		1,040	1,040	0.00866%
1-Dec-19	11,861,951	1,224	1.003	1,228	1.000	1,228	0.01035%		1,228	1,228	0.01035%
1-Dec-20	11,136,845	1,208	1.004	1,213	1.000	1,213	0.01089%		1,213	1,213	0.01089%
1-Dec-21	11,275,400	1,301	1.007	1,310	1.000	1,310	0.01162%		1,310	1,310	0.01162%
1-Dec-22	11,935,977	1,115	1.015	1,132	1.000	1,132	0.00949%		1,132	1,132	0.00949%
1-Dec-23	12,238,211	1,129	1.032	1,165	1.000	1,165	0.00952%		1,165	1,165	0.00952%
Total	305,382,705	23,670		23,743		23,743	0.00777%		23,743	23,744	0.00777%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 1,673
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24					
Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	58,448,383	6,047	0.01035%	6,047	0.01035%
Last 3 Policies	35,449,588	3,607	0.01017%	3,607	0.01017%
Last 2 Policies	24,174,188	2,297	0.00950%	2,297	0.00950%
Last 23 Policies	305,382,705	23,743		23,743	0.00777%
Selected Bornhuetter-Ferguson Frequency Rate					**0.01017%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24					0.968
Selected Frequency Rate adjusted to the Renewal Policy Period Level					0.00985%
Payroll for 1-Dec-24					12,830,586
Projected Count for 1-Dec-24					1,264

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Exhibit 12

Cook County, Illinois
Workers Compensation - General Government (Indemnity)
Workers Compensation - General Government (Indemnity) Experience @ 11/30/24
Losses Limited to Retentions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred Loss	Selected Ultimate Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Ultimate Loss	Payroll (in 00s)	Exposure Trend Factor	Trended Payroll (in 00s)	Trended Loss Rate
1-Dec-01	8,631,917	8,631,917	2.771	1.002	23,981,137	7,524,575	1.974	14,850,399	1.61
1-Dec-02	8,998,944	9,044,000	2.652	1.002	24,044,004	7,790,984	1.916	14,928,332	1.61
1-Dec-03	9,790,923	9,952,000	2.538	1.000	25,256,496	8,101,821	1.865	15,108,945	1.67
1-Dec-04	9,595,771	9,667,000	2.429	1.000	23,476,760	8,323,626	1.806	15,033,394	1.56
1-Dec-05	9,620,738	9,709,000	2.324	1.000	22,563,405	8,264,792	1.754	14,492,362	1.56
1-Dec-06	13,123,770	13,357,000	2.224	1.000	29,704,537	8,599,062	1.702	14,639,328	2.03
1-Dec-07	18,986,703	19,109,000	2.128	1.000	40,666,381	9,142,601	1.657	15,148,595	2.68
1-Dec-08	14,805,974	15,006,000	2.036	1.000	30,559,498	9,427,068	1.605	15,127,677	2.02
1-Dec-09	14,143,058	14,550,000	1.984	1.000	28,867,181	9,982,498	1.558	15,552,406	1.86
1-Dec-10	13,195,119	13,760,000	2.015	1.000	27,723,110	9,280,825	1.513	14,038,080	1.97
1-Dec-11	13,223,356	13,700,000	1.923	1.000	26,345,264	8,990,821	1.472	13,235,887	1.99
1-Dec-12	12,998,353	13,370,000	1.829	1.000	24,456,619	9,493,384	1.426	13,535,296	1.81
1-Dec-13	16,638,813	17,270,000	1.738	1.000	30,009,525	9,880,811	1.384	13,677,353	2.19
1-Dec-14	19,645,489	20,500,000	1.656	1.000	33,940,940	9,985,665	1.344	13,419,899	2.53
1-Dec-15	26,713,241	28,700,000	1.577	1.000	45,263,707	10,539,306	1.308	13,785,319	3.28
1-Dec-16	29,681,292	32,500,000	1.500	1.000	48,746,270	10,752,478	1.267	13,620,918	3.58
1-Dec-17	35,712,644	38,500,000	1.425	1.000	54,868,368	10,065,463	1.230	12,379,249	4.43
1-Dec-18	31,113,702	35,400,000	1.357	1.000	48,033,621	10,381,614	1.194	12,396,190	3.87
1-Dec-19	44,003,156	52,500,000	1.293	1.000	67,891,499	10,539,190	1.162	12,247,942	5.54
1-Dec-20	35,533,592	45,000,000	1.222	1.000	54,985,655	10,216,926	1.126	11,499,241	4.78
1-Dec-21	36,333,077	52,000,000	1.143	1.000	59,449,030	10,654,358	1.093	11,642,304	5.11
1-Dec-22	30,393,847	54,000,000	1.092	1.000	58,969,350	11,616,907	1.061	12,324,377	4.78
1-Dec-23	28,175,213	65,000,000	1.045	1.000	67,925,000	12,238,211	1.033	12,636,446	5.38
All Year Weighted Average					897,727,357			315,319,939	2.85
Latest 5-Year Weighted Average					309,220,534			60,350,310	5.12
Latest 3-Year Weighted Average					186,343,380			36,603,127	5.09
SELECTED									**4.91**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Workers Compensation - General Government (Indemnity)
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10)	(11)	(12)	(13)	(14)	(15)
Policy Period Inception	Retention	Payroll (in 00s)	Claim Count	Loss Rate	Loss Amount
1-Dec-24	Unlimited	12,830,586	1,264	4.91	63,000,000
1-Dec-25	Unlimited	13,215,503	1,264	4.98	65,800,000
1-Dec-26	Unlimited	13,611,968	1,264	5.05	68,700,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Average : $16,801 sigma = 2.192
CV : 11.00 mu = 7.327

Limitation of Incurred LDF's for Workers Compensation - General Government (Indemnity)

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.005	1.000	9,500,000	3.987	1.796	1.000	0.964	16,508	9,544,889	3.990	1.798	1.000	0.964	16,510	1.005
276	1.006	1.000	9,500,000	3.987	1.796	1.000	0.964	16,508	9,554,434	3.990	1.798	1.000	0.964	16,510	1.006
264	1.008	1.000	9,500,000	3.987	1.796	1.000	0.964	16,508	9,573,543	3.991	1.799	1.000	0.964	16,511	1.008
252	1.010	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,009,756,830	6.116	3.925	1.000	1.000	16,800	1.010
240	1.012	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,011,776,343	6.117	3.925	1.000	1.000	16,800	1.012
228	1.015	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,014,811,672	6.119	3.927	1.000	1.000	16,800	1.015
216	1.018	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,017,856,107	6.120	3.928	1.000	1.000	16,800	1.018
204	1.021	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,020,909,676	6.121	3.930	1.000	1.000	16,800	1.021
192	1.024	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,023,972,405	6.123	3.931	1.000	1.000	16,800	1.024
180	1.027	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,027,044,322	6.124	3.932	1.000	1.000	16,800	1.027
168	1.030	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,030,125,455	6.125	3.934	1.000	1.000	16,800	1.030
156	1.033	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,033,215,831	6.127	3.935	1.000	1.000	16,800	1.033
144	1.038	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,038,381,910	6.129	3.937	1.000	1.000	16,800	1.038
132	1.048	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,047,727,347	6.133	3.941	1.000	1.000	16,800	1.048
120	1.062	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,061,837,158	6.139	3.947	1.000	1.000	16,800	1.062
108	1.078	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,078,269,919	6.146	3.954	1.000	1.000	16,800	1.078
96	1.094	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,094,443,968	6.153	3.961	1.000	1.000	16,800	1.094
84	1.122	1.001	999,999,999	6.112	3.920	1.000	1.000	16,800	1,120,684,383	6.164	3.972	1.000	1.000	16,800	1.122
72	1.161	1.002	999,999,999	6.112	3.920	1.000	1.000	16,800	1,158,749,587	6.179	3.987	1.000	1.000	16,800	1.161
60	1.230	1.003	999,999,999	6.112	3.920	1.000	1.000	16,800	1,225,942,399	6.205	4.013	1.000	1.000	16,800	1.230
48	1.321	1.004	999,999,999	6.112	3.920	1.000	1.000	16,800	1,315,598,170	6.237	4.045	1.000	1.000	16,800	1.321
36	1.443	1.007	999,999,999	6.112	3.920	1.000	1.000	16,800	1,433,224,279	6.276	4.084	1.000	1.000	16,801	1.443
24	1.736	1.015	999,999,999	6.112	3.920	1.000	1.000	16,800	1,709,422,003	6.357	4.165	1.000	1.000	16,801	1.736
12	2.739	1.032	999,999,999	6.112	3.920	1.000	1.000	16,800	2,655,095,399	6.557	4.366	1.000	1.000	16,801	2.739

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - General Government (Indemnity)

Average : $16,801 sigma = 2.192
CV : 11.00 mu = 7.327

Limitation of Paid LDF's for Workers Compensation - General Government (Indemnity)

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.015	1.000	9,500,000	3.987	1.796	1.000	0.964	16,508	9,642,500	3.994	1.802	1.000	0.964	16,513	1.015
276	1.016	1.000	9,500,000	3.987	1.796	1.000	0.964	16,508	9,654,826	3.995	1.803	1.000	0.964	16,514	1.016
264	1.018	1.000	9,500,000	3.987	1.796	1.000	0.964	16,508	9,674,136	3.996	1.804	1.000	0.964	16,514	1.018
252	1.020	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,020,366,770	6.121	3.929	1.000	1.000	16,800	1.020
240	1.023	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,023,427,870	6.122	3.931	1.000	1.000	16,800	1.023
228	1.028	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,027,521,581	6.124	3.932	1.000	1.000	16,800	1.028
216	1.032	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,031,631,668	6.126	3.934	1.000	1.000	16,800	1.032
204	1.036	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,035,758,194	6.128	3.936	1.000	1.000	16,800	1.036
192	1.045	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,045,100,166	6.132	3.940	1.000	1.000	16,800	1.045
180	1.059	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,058,686,468	6.138	3.946	1.000	1.000	16,800	1.059
168	1.071	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,070,505,670	6.143	3.951	1.000	1.000	16,800	1.071
156	1.089	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,089,065,388	6.151	3.959	1.000	1.000	16,800	1.089
144	1.105	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,105,254,472	6.158	3.966	1.000	1.000	16,800	1.105
132	1.121	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,120,728,034	6.164	3.972	1.000	1.000	16,800	1.121
120	1.142	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,142,182,261	6.173	3.981	1.000	1.000	16,800	1.142
108	1.175	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,175,246,985	6.186	3.994	1.000	1.000	16,800	1.175
96	1.215	1.000	999,999,999	6.112	3.920	1.000	1.000	16,800	1,215,478,642	6.201	4.009	1.000	1.000	16,800	1.215
84	1.277	1.001	999,999,999	6.112	3.920	1.000	1.000	16,800	1,275,795,722	6.223	4.031	1.000	1.000	16,800	1.277
72	1.386	1.002	999,999,999	6.112	3.920	1.000	1.000	16,800	1,382,855,503	6.260	4.068	1.000	1.000	16,801	1.386
60	1.532	1.003	999,999,999	6.112	3.920	1.000	1.000	16,800	1,527,596,535	6.305	4.113	1.000	1.000	16,801	1.532
48	1.734	1.004	999,999,999	6.112	3.920	1.000	1.000	16,800	1,726,814,977	6.361	4.169	1.000	1.000	16,801	1.734
36	2.133	1.007	999,999,999	6.112	3.920	1.000	1.000	16,800	2,118,072,776	6.454	4.263	1.000	1.000	16,801	2.133
24	2.906	1.015	999,999,999	6.112	3.920	1.000	1.000	16,800	2,861,601,941	6.592	4.400	1.000	1.000	16,801	2.906
12	6.754	1.032	999,999,999	6.112	3.920	1.000	1.000	16,800	6,547,532,824	6.969	4.777	1.000	1.000	16,801	6.754

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - General Government (Indemnity)
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid		Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	98.5%	300	98.9%	$ 2,767,433	$ 332,092	*	$ 2,435,341	0.876	$ 2,134,169
1-Dec-01	276	98.4%	288	98.6%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-02	264	98.2%	276	98.4%	$ 678,518	$ 74,056	*	$ 604,463	0.852	$ 515,244
1-Dec-03	252	98.0%	264	98.2%	$ 1,258,988	$ 123,632	*	$ 1,135,356	0.836	$ 949,650
1-Dec-04	240	97.7%	252	98.0%	$ 505,753	$ 60,690	*	$ 445,062	0.821	$ 365,326
1-Dec-05	228	97.3%	240	97.7%	$ 434,335	$ 52,120	*	$ 382,215	0.813	$ 310,762
1-Dec-06	216	96.9%	228	97.3%	$ 556,170	$ 66,740	*	$ 489,430	0.810	$ 396,427
1-Dec-07	204	96.5%	216	96.9%	$ 122,297	$ 13,680	*	$ 108,616	0.804	$ 87,287
1-Dec-08	192	95.7%	204	96.5%	$ 200,026	$ 24,003	*	$ 176,023	0.795	$ 139,985
1-Dec-09	180	94.5%	192	95.7%	$ 826,573	$ 99,189	*	$ 727,384	0.807	$ 587,133
1-Dec-10	168	93.4%	180	94.5%	$ 2,410,881	$ 289,306	*	$ 2,121,575	0.821	$ 1,741,279
1-Dec-11	156	91.8%	168	93.4%	$ 578,963	$ 69,476	*	$ 509,487	0.819	$ 417,157
1-Dec-12	144	90.5%	156	91.8%	$ 1,636,241	$ 196,349	*	$ 1,439,892	0.824	$ 1,186,783
1-Dec-13	132	89.2%	144	90.5%	$ 2,083,721	$ 241,636	*	$ 1,842,085	0.818	$ 1,507,487
1-Dec-14	120	87.6%	132	89.2%	$ 3,634,996	$ 436,200	*	$ 3,198,796	0.809	$ 2,586,624
1-Dec-15	108	85.1%	120	87.6%	$ 3,707,324	$ 444,879	*	$ 3,262,445	0.804	$ 2,623,511
1-Dec-16	96	82.3%	108	85.1%	$ 7,198,315	$ 863,798	*	$ 6,334,517	0.807	$ 5,110,577
1-Dec-17	84	78.3%	96	82.3%	$ 10,979,129	$ 1,317,495	*	$ 9,661,633	0.808	$ 7,802,667
1-Dec-18	72	72.2%	84	78.3%	$ 9,482,113	$ 1,137,854	*	$ 8,344,259	0.813	$ 6,785,187
1-Dec-19	60	65.3%	72	72.2%	$ 20,836,015	$ 2,500,322	*	$ 18,335,693	0.825	$ 15,126,788
1-Dec-20	48	57.7%	60	65.3%	$ 20,503,252	$ 2,460,390	*	$ 18,042,862	0.830	$ 14,971,755
1-Dec-21	36	46.9%	48	57.7%	$ 32,561,352	$ 3,907,362	*	$ 28,653,989	0.830	$ 23,780,421
1-Dec-22	24	34.4%	36	46.9%	$ 39,814,858	$ 4,777,783	*	$ 35,037,075	0.834	$ 29,234,347
1-Dec-23	12	14.8%	24	34.4%	$ 59,267,106	$ 7,112,053	*	$ 52,155,053	0.835	$ 43,575,220
1-Dec-24	0	0.0%	12	14.8%	$ 63,000,000	$ 7,560,000	*	$ 55,440,000	0.843	$ 46,760,632
Total					$ 285,044,358	$ 34,161,104		$ 250,883,255		$ 208,696,418

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois
Workers Compensation - General Government (Indemnity)
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid		Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	98.9%	312	99.2%	$ 2,083,128	$ 249,975	*	$ 1,833,152	0.877	$ 1,606,971
1-Dec-01	288	98.6%	300	98.9%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-02	276	98.4%	288	98.6%	$ 604,463	$ 47,426	*	$ 557,037	0.876	$ 487,979
1-Dec-03	264	98.2%	276	98.4%	$ 1,135,356	$ 123,879	*	$ 1,011,477	0.852	$ 862,183
1-Dec-04	252	98.0%	264	98.2%	$ 440,990	$ 43,305	*	$ 397,685	0.836	$ 332,637
1-Dec-05	240	97.7%	252	98.0%	$ 371,209	$ 44,545	*	$ 326,664	0.821	$ 268,139
1-Dec-06	228	97.3%	240	97.7%	$ 485,839	$ 58,301	*	$ 427,539	0.813	$ 347,613
1-Dec-07	216	96.9%	228	97.3%	$ 108,616	$ 13,034	*	$ 95,582	0.810	$ 77,419
1-Dec-08	204	96.5%	216	96.9%	$ 174,994	$ 20,999	*	$ 153,995	0.804	$ 123,755
1-Dec-09	192	95.7%	204	96.5%	$ 643,473	$ 77,217	*	$ 566,256	0.795	$ 450,325
1-Dec-10	180	94.5%	192	95.7%	$ 2,029,136	$ 243,496	*	$ 1,785,639	0.807	$ 1,441,340
1-Dec-11	168	93.4%	180	94.5%	$ 466,262	$ 55,951	*	$ 410,311	0.821	$ 336,762
1-Dec-12	156	91.8%	168	93.4%	$ 1,405,154	$ 168,618	*	$ 1,236,535	0.819	$ 1,012,449
1-Dec-13	144	90.5%	156	91.8%	$ 1,842,085	$ 221,050	*	$ 1,621,035	0.824	$ 1,336,084
1-Dec-14	132	89.2%	144	90.5%	$ 3,145,586	$ 364,773	*	$ 2,780,812	0.818	$ 2,275,702
1-Dec-15	120	87.6%	132	89.2%	$ 3,094,915	$ 371,390	*	$ 2,723,525	0.809	$ 2,202,308
1-Dec-16	108	85.1%	120	87.6%	$ 6,054,732	$ 726,568	*	$ 5,328,164	0.804	$ 4,284,668
1-Dec-17	96	82.3%	108	85.1%	$ 8,971,136	$ 1,076,536	*	$ 7,894,600	0.807	$ 6,369,224
1-Dec-18	84	78.3%	96	82.3%	$ 7,392,023	$ 887,043	*	$ 6,504,980	0.808	$ 5,253,376
1-Dec-19	72	72.2%	84	78.3%	$ 16,694,765	$ 2,003,372	*	$ 14,691,393	0.813	$ 11,946,400
1-Dec-20	60	65.3%	72	72.2%	$ 16,827,392	$ 2,019,287	*	$ 14,808,105	0.825	$ 12,216,558
1-Dec-21	48	57.7%	60	65.3%	$ 25,946,421	$ 3,113,570	*	$ 22,832,850	0.830	$ 18,946,431
1-Dec-22	36	46.9%	48	57.7%	$ 32,240,986	$ 3,868,918	*	$ 28,372,068	0.830	$ 23,546,449
1-Dec-23	24	34.4%	36	46.9%	$ 45,626,438	$ 5,475,173	*	$ 40,151,266	0.834	$ 33,501,542
1-Dec-24	12	14.8%	24	34.4%	$ 53,672,191	$ 6,440,663	*	$ 47,231,528	0.835	$ 39,461,646
1-Dec-25	0	0.0%	12	14.8%	$ 65,800,000	$ 7,896,000	*	$ 57,904,000	0.843	$ 48,838,883
Total					$ 297,257,290	$35,611,090		$ 261,646,199		$ 217,526,843

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois
Workers Compensation - General Government (Indemnity)
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid		Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	99.2%	324	99.4%	$ 1,566,622	$ 187,995	*	$ 1,378,627	0.877	$ 1,208,915
1-Dec-01	300	98.9%	312	99.2%	$ -	$ -	*	$ -	0.877	$ -
1-Dec-02	288	98.6%	300	98.9%	$ 557,037	$ 66,844	*	$ 490,192	0.876	$ 429,572
1-Dec-03	276	98.4%	288	98.5%	$ 1,011,477	$ 79,338	*	$ 932,139	0.876	$ 816,578
1-Dec-04	264	98.2%	276	98.4%	$ 397,685	$ 43,391	*	$ 354,293	0.852	$ 302,000
1-Dec-05	252	98.0%	264	98.2%	$ 323,674	$ 31,785	*	$ 291,890	0.836	$ 244,146
1-Dec-06	240	97.7%	252	98.0%	$ 415,227	$ 49,827	*	$ 365,400	0.821	$ 299,935
1-Dec-07	228	97.3%	240	97.7%	$ 94,881	$ 11,386	*	$ 83,495	0.813	$ 67,886
1-Dec-08	216	96.9%	228	97.3%	$ 149,887	$ 17,986	*	$ 131,901	0.810	$ 106,836
1-Dec-09	204	96.5%	216	96.9%	$ 514,787	$ 57,585	*	$ 457,201	0.804	$ 367,421
1-Dec-10	192	95.7%	204	96.5%	$ 1,579,649	$ 189,558	*	$ 1,390,091	0.795	$ 1,105,494
1-Dec-11	180	94.5%	192	95.7%	$ 392,433	$ 45,326	*	$ 347,107	0.807	$ 280,179
1-Dec-12	168	93.4%	180	94.5%	$ 1,131,628	$ 135,795	*	$ 995,833	0.821	$ 817,328
1-Dec-13	156	91.8%	168	93.4%	$ 1,581,926	$ 189,831	*	$ 1,392,095	0.819	$ 1,139,818
1-Dec-14	144	90.5%	156	91.8%	$ 2,780,812	$ 333,697	*	$ 2,447,115	0.824	$ 2,016,953
1-Dec-15	132	89.2%	144	90.5%	$ 2,678,221	$ 310,576	*	$ 2,367,645	0.818	$ 1,937,583
1-Dec-16	120	87.6%	132	89.2%	$ 5,054,557	$ 606,547	*	$ 4,448,010	0.809	$ 3,596,768
1-Dec-17	108	85.1%	120	87.6%	$ 7,545,908	$ 905,509	*	$ 6,640,399	0.804	$ 5,339,907
1-Dec-18	96	82.3%	108	85.1%	$ 6,040,082	$ 724,810	*	$ 5,315,272	0.807	$ 4,288,268
1-Dec-19	84	78.3%	96	82.3%	$ 13,014,830	$ 1,561,780	*	$ 11,453,050	0.808	$ 9,249,402
1-Dec-20	72	72.2%	84	78.3%	$ 13,482,874	$ 1,617,945	*	$ 11,864,929	0.813	$ 9,648,042
1-Dec-21	60	65.3%	72	72.2%	$ 21,294,700	$ 2,555,364	*	$ 18,739,336	0.825	$ 15,459,790
1-Dec-22	48	57.7%	60	65.3%	$ 25,691,139	$ 3,082,937	*	$ 22,608,202	0.830	$ 18,760,020
1-Dec-23	36	46.9%	48	57.7%	$ 36,947,045	$ 4,433,645	*	$ 32,513,400	0.830	$ 26,983,409
1-Dec-24	24	34.4%	36	46.9%	$ 41,319,225	$ 4,958,307	*	$ 36,360,918	0.834	$ 30,338,940
1-Dec-25	12	14.8%	24	34.4%	$ 56,057,621	$ 6,726,915	*	$ 49,330,707	0.835	$ 41,215,496
1-Dec-26	0	0.0%	12	14.8%	$ 68,700,000	$ 8,244,000	*	$ 60,456,000	0.843	$ 50,991,356
Total					$ 310,323,926	$37,168,680		$ 273,155,247		$ 227,012,045

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois

Workers Compensation - General Government (Indemnity)
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	2/28/1995	1,826,562	908,962	917,600
Prior	8/7/1998	1,534,333	868,014	666,319
12/1/2002	6/23/2003	1,222,778	598,937	623,840
12/1/2003	12/8/2003	1,111,004	698,587	412,417
12/1/2003	4/14/2004	1,092,985	453,320	639,665
12/1/2005	5/7/2006	1,145,742	799,669	346,073
12/1/2006	2/6/2007	1,325,791	1,325,791	-
12/1/2006	3/19/2007	1,090,877	1,090,877	-
12/1/2006	8/1/2007	1,531,623	1,531,623	-
12/1/2007	7/1/2008	2,777,098	2,777,098	-
12/1/2007	7/1/2008	2,756,427	2,756,427	-
12/1/2007	8/1/2008	1,219,594	1,219,594	-
12/1/2008	2/12/2009	1,159,150	1,159,150	-
12/1/2010	6/2/2011	1,133,716	733,773	399,944
12/1/2010	11/17/2011	1,240,493	51,632	1,188,862
12/1/2012	1/18/2013	1,446,348	568,445	877,903
12/1/2013	12/20/2013	1,282,776	686,165	596,611
12/1/2014	2/10/2015	1,311,232	471,527	839,704
12/1/2014	10/24/2015	1,505,071	668,594	836,477
12/1/2015	1/26/2016	1,193,091	589,187	603,904
12/1/2016	1/11/2017	1,099,749	538,003	561,746
12/1/2016	6/7/2017	1,314,037	508,003	806,034
12/1/2017	1/9/2018	1,298,894	361,579	937,315
12/1/2017	1/9/2018	1,014,681	259,400	755,280
12/1/2017	2/2/2018	1,189,487	426,673	762,814
12/1/2018	12/27/2018	1,879,924	388,826	1,491,098
12/1/2020	12/14/2020	1,185,193	248,531	936,663
12/1/2020	9/22/2021	1,047,874	226,754	821,121

Cook County, Illinois

Workers Compensation - General Government (Indemnity)
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2020	10/23/2021	1,360,876	222,233	1,138,642
12/1/2021	10/13/2022	1,245,834	130,143	1,115,691
12/1/2022	7/14/2023	1,085,066	76,898	1,008,167

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Cook County, Illinois
Workers' Compensation - General Government
Occurrence
Indemnity
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												85,647	85,262	93,036	89,788	82,318	82,554	83,226	83,533	88,021	88,112	89,196	89,320	89,197
12/1/2001					6,778	7,267	7,901	7,230	7,363	7,326	7,699	7,726	8,750	8,752	9,098	9,063	9,063	9,087	8,714	8,714	8,714	8,714	8,714	
12/1/2002				8,233	9,063	9,454	7,060	7,424	7,333	7,596	7,634	8,262	8,071	8,504	8,514	8,647	8,423	8,423	8,423	8,423	9,024	9,028		
12/1/2003			7,149	7,596	8,160	6,898	7,363	7,353	7,823	7,825	8,474	8,502	8,831	8,777	8,595	8,888	9,732	9,427	9,880	9,883	9,885			
12/1/2004		5,944	7,079	7,733	6,717	6,876	6,929	7,199	7,449	7,705	8,045	8,609	8,649	8,994	9,262	9,870	9,583	9,584	9,721	9,702				
12/1/2005	3,325	5,112	7,350	7,002	7,473	7,347	7,562	7,682	8,354	8,374	8,795	8,837	8,888	9,149	9,637	9,638	9,640	9,640	9,639					
12/1/2006	3,898	6,477	6,611	7,633	8,097	8,940	9,513	10,647	10,794	11,739	11,968	11,890	11,922	11,969	11,998	14,267	14,281	13,168						
12/1/2007	3,366	5,060	6,631	6,733	7,983	8,863	11,257	11,696	16,602	16,997	17,468	17,570	17,934	18,360	18,635	18,865	19,249							
12/1/2008	3,421	6,040	6,393	7,861	9,131	12,857	13,048	13,735	13,907	14,010	14,495	14,810	14,810	14,800	14,806	14,831								
12/1/2009	3,954	5,346	7,028	7,962	11,691	12,760	13,215	13,262	13,419	13,743	14,030	14,119	14,489	14,164	14,189									
12/1/2010	3,335	4,763	5,658	9,128	9,585	10,509	11,018	11,328	11,777	12,023	12,241	13,295	13,247	13,227										
12/1/2011	2,894	5,892	9,845	11,328	12,770	13,071	13,266	13,453	14,275	14,252	13,545	13,375	13,374											
12/1/2012	2,850	7,583	8,606	9,982	10,602	11,158	12,548	12,640	12,589	12,961	13,164	13,022												
12/1/2013	5,774	8,444	11,564	12,220	12,484	14,678	15,572	16,308	16,561	16,398	16,741													
12/1/2014	5,499	11,396	14,181	16,046	17,382	17,598	18,054	18,343	18,249	19,729														
12/1/2015	9,516	19,675	21,634	24,218	26,296	25,861	26,659	27,495	26,972															
12/1/2016	14,585	19,624	23,318	25,835	27,320	29,071	30,089	30,043																
12/1/2017	16,531	23,379	28,467	29,205	31,015	33,308	36,053																	
12/1/2018	19,378	23,229	25,444	27,196	29,510	31,309																		
12/1/2019	25,253	33,920	41,039	41,947	44,071																			
12/1/2020	21,014	29,802	33,761	35,610																				
12/1/2021	29,227	35,594	36,432																					
12/1/2022	32,900	30,419																						
12/1/2023	28,175																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												0.996	1.091	0.965	0.917	1.003	1.008	1.004	1.054	1.001	1.012	1.001	0.999	
12/1/2001					1.072	1.087	0.915	1.018	0.995	1.051	1.003	1.133	1.000	1.040	0.996	1.000	1.003	0.959	1.000	1.000	1.000	1.000		
12/1/2002				1.101	1.043	0.747	1.052	0.988	1.036	1.005	1.082	0.977	1.054	1.001	1.016	0.974	1.000	1.000	1.000	1.071	1.000			
12/1/2003			1.062	1.074	0.845	1.067	0.999	1.064	1.000	1.083	1.003	1.039	0.994	0.979	1.034	1.095	0.969	1.048	1.000	1.000				
12/1/2004		1.191	1.092	0.869	1.024	1.008	1.039	1.035	1.034	1.044	1.070	1.005	1.040	1.030	1.066	0.971	1.000	1.014	0.998					
12/1/2005	1.537	1.438	0.953	1.067	0.983	1.029	1.016	1.087	1.002	1.050	1.005	1.006	1.029	1.053	1.000	1.000	1.000	1.000						
12/1/2006	1.662	1.021	1.155	1.061	1.104	1.064	1.119	1.014	1.088	1.019	0.993	1.003	1.004	1.002	1.189	1.001	0.922							
12/1/2007	1.503	1.310	1.015	1.186	1.110	1.270	1.039	1.419	1.024	1.028	1.006	1.021	1.024	1.015	1.012	1.020								
12/1/2008	1.766	1.058	1.230	1.162	1.408	1.015	1.053	1.013	1.007	1.035	1.022	1.000	0.999	1.000	1.002									
12/1/2009	1.352	1.315	1.133	1.468	1.091	1.036	1.004	1.012	1.024	1.021	1.008	1.026	0.978	1.002										
12/1/2010	1.428	1.188	1.613	1.050	1.096	1.048	1.028	1.040	1.021	1.018	1.086	0.996	0.999											
12/1/2011	2.036	1.671	1.151	1.127	1.024	1.015	1.014	1.061	0.998	0.950	0.987	1.000												
12/1/2012	2.661	1.135	1.160	1.062	1.053	1.125	1.007	0.996	1.030	1.016	0.989													
12/1/2013	1.462	1.369	1.057	1.022	1.176	1.061	1.047	1.015	0.990	1.021														
12/1/2014	2.072	1.244	1.132	1.083	1.012	1.026	1.016	0.995	1.081															
12/1/2015	2.068	1.100	1.119	1.086	0.983	1.031	1.031	0.981																
12/1/2016	1.345	1.188	1.108	1.057	1.064	1.035	0.998																	
12/1/2017	1.414	1.218	1.026	1.062	1.074	1.082																		
12/1/2018	1.199	1.095	1.069	1.085	1.061																			
12/1/2019	1.343	1.210	1.022	1.051																				
12/1/2020	1.418	1.133	1.055																					
12/1/2021	1.218	1.024																						
12/1/2022	0.925																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.578	1.217	1.120	1.093	1.068	1.044	1.024	1.049	1.024	1.026	1.021	1.017	1.019	1.009	1.026	1.008	0.986	1.004	1.010	1.018	1.004	1.001	0.999	
3 Yr Average	1.187	1.122	1.049	1.066	1.066	1.049	1.015	0.997	1.034	0.996	1.021	1.008	0.992	1.006	1.068	1.007	0.974	1.021	0.999	1.024	1.004	NA		
5 Yr Average	1.221	1.136	1.056	1.068	1.039	1.047	1.020	1.010	1.024	1.005	1.018	1.009	1.001	1.015	1.054	1.018	0.978	1.004	1.010	NA	NA	NA		
3 Yr Wtd Average	1.152	1.120	1.045	1.064	1.067	1.052	1.014	0.994	1.036	0.996	1.019	1.008	0.992	1.006	1.056	1.009	0.967	1.021	0.999	1.022	1.010	NA		
5 Yr Wtd Average	1.197	1.132	1.051	1.066	1.043	1.049	1.019	1.005	1.026	1.005	1.017	1.009	1.002	1.012	1.049	1.016	0.973	1.005	1.037	NA	NA	NA		
Avg X Hi-Lo (3yr X 2)	1.218	1.133	1.055	1.062	1.064	1.035	1.016	0.995	1.030	1.016	0.989	1.000	0.999	1.002	1.012	1.001	1.000	1.014	1.000	1.000	1.000	NA		
Avg X Hi-Lo (5yr X 2)	1.253	1.146	1.050	1.068	1.046	1.042	1.018	1.002	1.016	1.018	1.006	1.007	1.001	1.006	1.027	1.007	0.990	1.005	1.000	NA	NA	NA		
Prior	1.604	1.210	1.103	1.074	1.057	1.035	1.025	1.015	1.015	1.011	1.009	1.005	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.002	1.002	1.002	1.000	1.005
Industry	1.551	1.149	1.062	1.026	1.007	1.008	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.001	1.000	0.999	1.000	0.999	1.001	1.001	1.001	1.001	1.000	1.001
Initial Selected	1.578	1.203	1.093	1.074	1.059	1.035	1.025	1.015	1.015	1.013	1.009	1.005	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.002	1.002	1.002	1.001	1.005

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.012
Exponential Curve Fit																								1.004
Weibull Curve Fit																								1.006
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.578**	**1.203**	**1.093**	**1.074**	**1.059**	**1.035**	**1.025**	**1.015**	**1.015**	**1.013**	**1.009**	**1.005**	**1.003**	**1.003**	**1.003**	**1.003**	**1.003**	**1.003**	**1.003**	**1.002**	**1.002**	**1.002**	**1.001**	**1.005**
Final CDF	**2.739**	**1.736**	**1.443**	**1.321**	**1.230**	**1.161**	**1.122**	**1.094**	**1.078**	**1.062**	**1.048**	**1.038**	**1.033**	**1.030**	**1.027**	**1.024**	**1.021**	**1.018**	**1.015**	**1.012**	**1.010**	**1.008**	**1.006**	**1.005**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Indemnity Only

AON

Cook County, Illinois
Workers' Compensation - General Government
Occurrence
Indemnity
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												76,134	77,500	78,133	79,014	79,944	80,733	81,363	81,807	86,112	86,305	86,487	86,949	87,101
12/1/2001					5,012	5,409	6,145	6,866	7,018	7,218	7,373	7,426	7,505	7,539	8,183	8,338	8,371	8,408	8,714	8,714	8,714	8,714	8,714	
12/1/2002				4,995	5,562	5,948	6,768	6,991	7,316	7,534	7,582	7,611	7,682	8,166	8,212	8,248	8,274	8,281	8,308	8,334	8,364	8,395		
12/1/2003			3,755	4,354	5,205	6,500	6,855	7,022	7,164	7,248	7,332	7,406	8,000	8,034	8,192	8,249	8,621	8,656	8,722	8,755	8,787			
12/1/2004		2,828	3,565	4,391	5,913	6,186	6,560	6,850	7,111	7,356	7,443	8,065	8,352	8,471	8,592	8,723	9,139	9,167	9,196	9,267				
12/1/2005	1,453	2,780	4,351	6,140	6,770	7,111	7,396	7,536	7,952	8,103	8,503	8,683	8,803	9,073	9,117	9,162	9,207	9,250	9,293					
12/1/2006	1,811	3,799	5,627	6,820	7,908	8,615	9,131	9,583	9,724	11,075	11,225	11,460	11,636	11,791	11,944	12,387	12,499	12,845						
12/1/2007	1,544	3,529	5,382	6,535	7,464	8,455	9,820	10,401	15,890	16,466	16,699	17,029	17,413	17,897	18,176	18,778	19,249							
12/1/2008	1,829	4,111	5,863	7,314	8,708	9,995	11,196	12,384	13,060	13,438	14,001	14,150	14,209	14,453	14,508	14,831								
12/1/2009	2,059	4,695	6,392	7,658	8,838	9,734	11,256	11,807	12,225	12,689	12,802	13,139	13,399	13,685	13,769									
12/1/2010	2,183	4,158	5,415	6,697	7,719	9,220	9,737	10,099	10,722	10,812	10,932	11,039	11,149	11,381										
12/1/2011	1,861	3,935	5,816	7,160	9,913	11,006	12,024	12,693	13,033	13,110	13,247	13,268	13,272											
12/1/2012	1,527	3,443	5,292	7,744	8,595	9,220	9,861	10,330	10,686	10,995	11,472	11,758												
12/1/2013	2,329	4,358	7,831	9,470	10,455	11,814	13,017	13,567	14,156	14,683	15,289													
12/1/2014	2,265	7,515	10,310	12,083	13,574	15,105	15,898	16,207	16,727	16,949														
12/1/2015	4,540	10,919	14,827	17,988	20,320	21,813	22,640	24,584	25,251															
12/1/2016	4,906	11,598	15,522	19,057	21,328	22,634	24,248	25,664																
12/1/2017	5,345	12,360	16,989	21,278	23,858	25,706	27,861																	
12/1/2018	5,271	12,462	16,584	20,693	23,503	26,113																		
12/1/2019	6,826	16,152	21,485	26,242	31,732																			
12/1/2020	6,546	13,966	18,944	24,573																				
12/1/2021	7,117	13,940	19,537																					
12/1/2022	5,989	14,210																						
12/1/2023	5,733																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.018	1.008	1.011	1.012	1.010	1.008	1.005	1.053	1.002	1.002	1.005	1.002	
12/1/2001					1.079	1.136	1.117	1.022	1.029	1.021	1.007	1.011	1.005	1.085	1.019	1.004	1.004	1.036	1.000	1.000	1.000	1.000		
12/1/2002				1.113	1.069	1.138	1.033	1.046	1.030	1.006	1.004	1.009	1.063	1.006	1.004	1.003	1.001	1.003	1.003	1.004	1.004			
12/1/2003			1.160	1.195	1.249	1.055	1.024	1.020	1.012	1.012	1.010	1.080	1.004	1.020	1.007	1.045	1.004	1.008	1.004	1.004				
12/1/2004		1.261	1.231	1.347	1.046	1.060	1.044	1.038	1.034	1.012	1.084	1.036	1.014	1.014	1.015	1.048	1.003	1.003	1.008					
12/1/2005	1.913	1.565	1.411	1.103	1.050	1.040	1.019	1.055	1.019	1.049	1.021	1.014	1.031	1.005	1.005	1.005	1.005	1.005						
12/1/2006	2.098	1.481	1.212	1.160	1.089	1.060	1.049	1.015	1.139	1.014	1.021	1.015	1.013	1.013	1.037	1.009	1.028							
12/1/2007	2.287	1.525	1.214	1.142	1.133	1.161	1.059	1.528	1.036	1.014	1.020	1.023	1.028	1.016	1.033	1.025								
12/1/2008	2.248	1.426	1.248	1.190	1.148	1.120	1.106	1.055	1.029	1.042	1.011	1.004	1.017	1.004	1.022									
12/1/2009	2.280	1.361	1.198	1.154	1.101	1.156	1.049	1.035	1.038	1.009	1.026	1.020	1.021	1.006										
12/1/2010	1.905	1.302	1.237	1.153	1.195	1.056	1.037	1.062	1.008	1.011	1.010	1.010	1.021											
12/1/2011	2.114	1.478	1.231	1.385	1.110	1.092	1.056	1.027	1.006	1.010	1.002	1.000												
12/1/2012	2.254	1.537	1.463	1.110	1.073	1.069	1.048	1.034	1.029	1.043	1.025													
12/1/2013	1.871	1.797	1.209	1.104	1.130	1.102	1.042	1.043	1.037	1.041														
12/1/2014	3.318	1.372	1.172	1.123	1.113	1.053	1.019	1.032	1.013															
12/1/2015	2.405	1.358	1.213	1.130	1.073	1.038	1.086	1.027																
12/1/2016	2.364	1.338	1.228	1.119	1.061	1.071	1.058																	
12/1/2017	2.312	1.375	1.252	1.121	1.077	1.084																		
12/1/2018	2.364	1.331	1.248	1.136	1.111																			
12/1/2019	2.366	1.330	1.221	1.209																				
12/1/2020	2.134	1.356	1.297																					
12/1/2021	1.959	1.402																						
12/1/2022	2.373																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	2.254	1.422	1.247	1.166	1.106	1.088	1.053	1.069	1.033	1.022	1.020	1.020	1.020	1.018	1.017	1.019	1.008	1.010	1.013	1.002	1.002	1.003	1.002	
3 Yr Average	2.155	1.363	1.255	1.155	1.083	1.064	1.055	1.034	1.026	1.032	1.012	1.010	1.020	1.009	1.031	1.013	1.012	1.005	1.005	1.002	1.002	NA		
5 Yr Average	2.239	1.359	1.249	1.143	1.087	1.069	1.051	1.033	1.019	1.023	1.015	1.011	1.020	1.009	1.023	1.026	1.008	1.011	1.013	NA	NA	NA		
3 Yr Wtd Average	2.143	1.361	1.254	1.160	1.084	1.066	1.058	1.033	1.025	1.031	1.012	1.010	1.020	1.009	1.031	1.016	1.014	1.005	1.005	1.002	1.002	NA		
5 Yr Wtd Average	2.228	1.358	1.249	1.147	1.086	1.068	1.055	1.032	1.019	1.023	1.014	1.012	1.021	1.009	1.025	1.025	1.010	1.011	1.038	NA	NA	NA		
Avg X Hi-Lo (3yr X 2)	2.134	1.356	1.248	1.136	1.077	1.071	1.058	1.032	1.029	1.041	1.010	1.010	1.021	1.006	1.033	1.009	1.005	1.005	1.004	1.004	1.002	NA		
Avg X Hi-Lo (5yr X 2)	2.288	1.354	1.243	1.129	1.087	1.069	1.049	1.031	1.017	1.021	1.015	1.011	1.020	1.008	1.024	1.026	1.004	1.005	1.005	NA	NA	NA		
Prior	2.324	1.363	1.223	1.126	1.106	1.085	1.046	1.040	1.029	1.015	1.014	1.015	1.015	1.011	1.010	1.009	1.004	1.004	1.004	1.003	1.002	1.002	1.001	1.012
Industry	2.885	1.576	1.265	1.133	1.075	1.040	1.027	1.018	1.011	1.008	1.005	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.004	1.003	1.002	1.002	1.001	1.004
Initial Selected	2.324	1.363	1.230	1.132	1.106	1.085	1.051	1.034	1.029	1.019	1.014	1.015	1.017	1.011	1.013	1.009	1.004	1.004	1.004	1.003	1.002	1.002	1.001	1.015

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.019
Exponential Curve Fit																								1.005
Weibull Curve Fit																								1.008
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.324**	**1.363**	**1.230**	**1.132**	**1.106**	**1.085**	**1.051**	**1.034**	**1.029**	**1.019**	**1.014**	**1.015**	**1.017**	**1.011**	**1.013**	**1.009**	**1.004**	**1.004**	**1.004**	**1.003**	**1.002**	**1.002**	**1.001**	**1.015**
Final CDF	**6.754**	**2.906**	**2.133**	**1.734**	**1.532**	**1.386**	**1.277**	**1.215**	**1.175**	**1.142**	**1.121**	**1.105**	**1.089**	**1.071**	**1.059**	**1.045**	**1.036**	**1.032**	**1.028**	**1.023**	**1.020**	**1.018**	**1.016**	**1.015**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Indemnity Only

AON

Cook County, Illinois
Workers' Compensation - General Government
Occurrence
Indemnity
Reported Claim Count Development Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												17,478	17,479	17,480	17,481	17,480	17,482	17,485	17,485	17,485	17,485	17,485	17,485	17,485
12/1/2001					1,160	1,160	1,160	1,160	1,160	1,160	1,159	1,160	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	
12/1/2002				1,220	1,221	1,222	1,222	1,222	1,222	1,222	1,222	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	
12/1/2003			1,212	1,215	1,215	1,215	1,215	1,215	1,214	1,215	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218		
12/1/2004		1,312	1,313	1,315	1,315	1,316	1,316	1,316	1,316	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318			
12/1/2005	1,153	1,158	1,156	1,156	1,155	1,155	1,155	1,156	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159				
12/1/2006	875	890	892	896	897	897	896	902	902	903	903	903	903	903	903	903	903	903	903					
12/1/2007	756	767	767	767	768	768	776	777	777	777	777	777	777	777	777	777	777	777						
12/1/2008	668	679	755	755	755	766	767	767	767	767	767	767	767	767	767	767	767							
12/1/2009	751	842	843	844	862	862	862	862	862	862	862	862	862	862	862	862								
12/1/2010	768	773	776	788	788	788	789	789	789	789	789	789	789	789	789									
12/1/2011	757	761	781	783	783	783	783	783	783	783	783	783	783	783										
12/1/2012	703	715	716	719	720	720	720	720	720	720	720	720	720											
12/1/2013	730	752	756	759	760	760	760	760	760	761	761													
12/1/2014	762	768	771	777	778	778	778	778	778	778														
12/1/2015	1,076	1,104	1,107	1,109	1,108	1,108	1,108	1,108	1,108															
12/1/2016	1,149	1,234	1,238	1,239	1,239	1,239	1,240	1,240																
12/1/2017	1,069	1,086	1,086	1,086	1,086	1,088	1,088																	
12/1/2018	1,020	1,037	1,037	1,038	1,038	1,038																		
12/1/2019	1,172	1,204	1,210	1,221	1,224																			
12/1/2020	1,178	1,190	1,205	1,208																				
12/1/2021	1,262	1,281	1,301																					
12/1/2022	1,100	1,115																						
12/1/2023	1,129																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2001					1.000	1.000	1.000	1.000	1.000	0.999	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002				1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003			1.002	1.000	1.000	1.000	1.000	0.999	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004		1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2005	1.004	0.998	1.000	0.999	1.000	1.000	1.001	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.017	1.002	1.004	1.001	1.000	0.999	1.007	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.015	1.000	1.000	1.001	1.000	1.010	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.016	1.112	1.000	1.000	1.015	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.121	1.001	1.001	1.021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.007	1.004	1.015	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.005	1.026	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.017	1.001	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.030	1.005	1.004	1.001	1.000	1.000	1.000	1.000	1.001	1.000														
12/1/2014	1.008	1.004	1.008	1.001	1.000	1.000	1.000	1.000	1.000															
12/1/2015	1.026	1.003	1.002	0.999	1.000	1.000	1.000	1.000																
12/1/2016	1.074	1.003	1.001	1.000	1.000	1.001	1.000																	
12/1/2017	1.016	1.000	1.000	1.000	1.002	1.000																		
12/1/2018	1.017	1.000	1.001	1.000	1.000																			
12/1/2019	1.027	1.005	1.009	1.002																				
12/1/2020	1.010	1.013	1.002																					
12/1/2021	1.015	1.016																						
12/1/2022	1.014																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.024	1.011	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.013	1.011	1.004	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA		
5 Yr Average	1.017	1.007	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA		
3 Yr Wtd Average	1.013	1.011	1.004	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA		
5 Yr Wtd Average	1.017	1.007	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA		
Avg X Hi-Lo (3yr X 2)	1.014	1.013	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA		
Avg X Hi-Lo (5yr X 2)	1.015	1.006	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA		
Prior	1.020	1.006	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.131	1.019	1.010	1.007	1.007	1.005	1.005	1.006	1.006	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.016	1.009	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.016**	**1.009**	**1.003**	**1.001**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.032**	**1.015**	**1.007**	**1.004**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Indemnity Only

Cook County, Illinois
Workers Compensation - General Government (Medical) Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Payroll (in 00s)	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	17,485	8	32,173,065	31,850,138	322,928	66,935	389,862	32,240,000	
1-Dec-01	7,524,575	9,500,000	1,161	-	4,041,536	4,041,536	-	-	-	4,041,536	0.54
1-Dec-02	7,790,984	9,500,000	1,223	2	4,231,307	4,146,974	84,333	13,693	98,026	4,245,000	0.54
1-Dec-03	8,101,821	Various	1,218	3	4,506,845	3,811,038	695,807	15,155	710,962	4,522,000	0.56
1-Dec-04	8,323,626	Unlimited	1,318	2	12,146,182	12,004,802	141,379	40,818	182,198	12,187,000	1.46
1-Dec-05	8,264,792	Unlimited	1,159	1	4,204,876	4,204,876	-	9,124	9,124	4,214,000	0.51
1-Dec-06	8,599,062	Unlimited	903	1	4,866,242	4,866,242	-	24,758	24,758	4,891,000	0.57
1-Dec-07	9,142,601	Unlimited	777	-	6,145,349	6,145,349	-	43,651	43,651	6,189,000	0.68
1-Dec-08	9,427,068	Unlimited	767	-	6,552,424	6,552,424	-	77,576	77,576	6,630,000	0.70
1-Dec-09	9,982,498	Unlimited	862	4	6,786,420	6,544,256	242,164	63,580	305,744	6,850,000	0.69
1-Dec-10	9,280,825	Unlimited	789	8	5,368,414	5,130,981	237,433	61,586	299,020	5,430,000	0.59
1-Dec-11	8,990,821	Unlimited	783	5	4,504,303	4,410,896	93,407	75,697	169,104	4,580,000	0.51
1-Dec-12	9,493,384	Unlimited	720	7	4,382,891	4,256,422	126,469	77,109	203,578	4,460,000	0.47
1-Dec-13	9,880,811	Unlimited	761	13	5,119,736	4,814,606	305,131	130,264	435,394	5,250,000	0.53
1-Dec-14	9,985,665	Unlimited	778	19	6,109,311	5,261,380	847,931	90,689	938,620	6,200,000	0.62
1-Dec-15	10,539,306	Unlimited	1,108	16	9,036,413	8,710,972	325,441	63,587	389,028	9,100,000	0.86
1-Dec-16	10,752,478	Unlimited	1,240	28	10,210,237	8,514,646	1,695,590	489,763	2,185,354	10,700,000	1.00
1-Dec-17	10,065,463	Unlimited	1,088	42	9,472,693	7,623,240	1,849,452	327,307	2,176,760	9,800,000	0.97
1-Dec-18	10,381,614	Unlimited	1,038	47	10,074,690	8,047,958	2,026,732	425,310	2,452,042	10,500,000	1.01
1-Dec-19	10,539,190	Unlimited	1,224	116	15,234,549	9,867,074	5,367,475	765,451	6,132,926	16,000,000	1.52
1-Dec-20	10,216,926	Unlimited	1,208	135	14,252,023	8,718,984	5,533,038	747,977	6,281,016	15,000,000	1.47
1-Dec-21	10,654,358	Unlimited	1,301	192	16,866,901	7,772,036	9,094,865	1,133,099	10,227,964	18,000,000	1.69
1-Dec-22	11,616,907	Unlimited	1,115	226	16,133,927	6,001,256	10,132,671	2,866,073	12,998,744	19,000,000	1.64
1-Dec-23	12,238,211	Unlimited	1,129	580	15,026,341	2,257,529	12,768,812	8,173,659	20,942,471	23,200,000	1.90
Total	221,792,985		41,155	1,455	227,446,673	175,555,613	51,891,060	15,782,862	67,673,923	243,229,536	0.95
Full Policy Period Projections											
1-Dec-24	12,830,586	Unlimited								24,400,000	1.90
1-Dec-25	13,215,503	Unlimited								26,000,000	1.97

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 32,220,035	$ 32,324,833	$ 32,208,655	N/A	N/A	N/A	N/A	$ 32,220,035	$ 32,240,000
1-Dec-01	$ 4,048,251	$ 4,103,809	$ 4,041,536	$ 4,051,095	$ 4,128,985	$ 4,048,854	$ 4,107,287	$ 4,048,251	$ 4,041,536
1-Dec-02	$ 4,240,443	$ 4,210,872	$ 4,245,263	$ 4,244,663	$ 4,241,036	$ 4,241,635	$ 4,218,160	$ 4,240,443	$ 4,245,000
1-Dec-03	$ 4,518,897	$ 3,870,137	$ 4,654,086	$ 4,525,196	$ 3,916,110	$ 4,521,327	$ 3,891,852	$ 4,518,897	$ 4,522,000
1-Dec-04	$ 12,184,752	$ 12,190,966	$ 12,183,152	$ 12,169,371	$ 12,116,668	$ 12,165,109	$ 12,094,412	$ 12,184,752	$ 12,187,000
1-Dec-05	$ 4,222,447	$ 4,270,083	$ 4,204,876	$ 4,236,320	$ 4,320,264	$ 4,228,651	$ 4,290,679	$ 4,222,447	$ 4,214,000
1-Dec-06	$ 4,891,463	$ 4,941,705	$ 4,866,242	$ 4,908,353	$ 4,990,960	$ 4,896,518	$ 4,954,440	$ 4,891,463	$ 4,891,000
1-Dec-07	$ 6,183,377	$ 6,246,889	$ 6,145,349	$ 6,200,963	$ 6,292,335	$ 6,183,990	$ 6,245,606	$ 6,183,377	$ 6,189,000
1-Dec-08	$ 6,599,564	$ 6,667,350	$ 6,552,424	$ 6,621,442	$ 6,718,978	$ 6,598,839	$ 6,661,852	$ 6,599,564	$ 6,630,000
1-Dec-09	$ 6,842,078	$ 6,665,698	$ 6,981,768	$ 6,871,350	$ 6,734,471	$ 6,841,588	$ 6,663,932	$ 6,842,078	$ 6,850,000
1-Dec-10	$ 5,417,855	$ 5,231,422	$ 5,583,490	$ 5,455,125	$ 5,313,417	$ 5,422,687	$ 5,240,467	$ 5,417,855	$ 5,430,000
1-Dec-11	$ 4,550,332	$ 4,506,236	$ 4,589,873	$ 4,601,523	$ 4,614,241	$ 4,563,278	$ 4,527,761	$ 4,550,332	$ 4,580,000
1-Dec-12	$ 4,432,107	$ 4,361,468	$ 4,491,079	$ 4,500,371	$ 4,511,233	$ 4,453,138	$ 4,398,468	$ 4,432,107	$ 4,460,000
1-Dec-13	$ 5,182,403	$ 4,948,228	$ 5,367,172	$ 5,259,077	$ 5,125,778	$ 5,203,978	$ 4,986,486	$ 5,182,403	$ 5,250,000
1-Dec-14	$ 6,202,643	$ 5,450,661	$ 6,757,657	$ 6,292,136	$ 5,683,310	$ 6,223,615	$ 5,496,913	$ 6,202,643	$ 6,200,000
1-Dec-15	$ 9,201,985	$ 9,105,573	$ 9,267,470	$ 9,277,806	$ 9,292,365	$ 9,195,001	$ 9,044,940	$ 9,201,985	$ 9,100,000
1-Dec-16	$ 10,428,509	$ 8,989,357	$ 11,323,527	$ 10,508,955	$ 9,268,326	$ 10,415,695	$ 8,953,095	$ 10,428,509	$ 10,700,000
1-Dec-17	$ 9,713,898	$ 8,165,650	$ 10,576,767	$ 9,819,775	$ 8,551,725	$ 9,721,501	$ 8,166,393	$ 9,714,002	$ 9,800,000
1-Dec-18	$ 10,393,211	$ 8,814,364	$ 11,177,897	$ 10,536,016	$ 9,356,799	$ 10,421,032	$ 8,818,508	$ 10,393,802	$ 10,500,000
1-Dec-19	$ 15,873,367	$ 11,071,517	$ 18,386,032	$ 15,877,615	$ 11,605,381	$ 15,745,468	$ 10,898,552	$ 15,872,537	$ 16,000,000
1-Dec-20	$ 15,027,836	$ 10,176,768	$ 17,369,680	$ 15,091,291	$ 11,047,737	$ 14,943,794	$ 10,088,609	$ 15,031,568	$ 15,000,000
1-Dec-21	$ 17,962,906	$ 9,928,026	$ 20,420,743	$ 17,965,929	$ 11,683,657	$ 17,800,159	$ 10,029,845	$ 17,966,849	$ 18,000,000
1-Dec-22	$ 18,545,119	$ 9,629,115	$ 21,473,218	$ 18,791,453	$ 13,702,117	$ 18,426,484	$ 10,355,894	$ 18,524,237	$ 19,000,000
1-Dec-23	$ 22,595,148	$ 9,638,962	$ 24,954,540	$ 22,537,920	$ 19,429,867	$ 21,599,196	$ 11,877,315	$ 22,505,438	$ 23,200,000
Total	$ 241,478,626	$ 195,509,688	$ 257,822,497	$ 210,343,744	$ 182,645,760	$ 207,861,536	$ 166,011,466	$ 241,375,573	$ 243,229,536

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 32,240,000	$ 32,173,065	$ 31,850,138	$ 322,928	$ 66,935	$ 389,862	$ 341,529
1-Dec-01	276	$ 9,500,000	$ 4,041,536	$ 4,041,536	$ 4,041,536	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 4,245,000	$ 4,231,307	$ 4,146,974	$ 84,333	$ 13,693	$ 98,026	$ 79,663
1-Dec-03	252	Various	$ 4,522,000	$ 4,506,845	$ 3,811,038	$ 695,807	$ 15,155	$ 710,962	$ 555,025
1-Dec-04	240	Unlimited	$ 12,187,000	$ 12,146,182	$ 12,004,802	$ 141,379	$ 40,818	$ 182,198	$ 136,634
1-Dec-05	228	Unlimited	$ 4,214,000	$ 4,204,876	$ 4,204,876	$ -	$ 9,124	$ 9,124	$ 6,573
1-Dec-06	216	Unlimited	$ 4,891,000	$ 4,866,242	$ 4,866,242	$ -	$ 24,758	$ 24,758	$ 17,133
1-Dec-07	204	Unlimited	$ 6,189,000	$ 6,145,349	$ 6,145,349	$ -	$ 43,651	$ 43,651	$ 29,851
1-Dec-08	192	Unlimited	$ 6,630,000	$ 6,552,424	$ 6,552,424	$ -	$ 77,576	$ 77,576	$ 52,391
1-Dec-09	180	Unlimited	$ 6,850,000	$ 6,786,420	$ 6,544,256	$ 242,164	$ 63,580	$ 305,744	$ 203,815
1-Dec-10	168	Unlimited	$ 5,430,000	$ 5,368,414	$ 5,130,981	$ 237,433	$ 61,586	$ 299,020	$ 196,674
1-Dec-11	156	Unlimited	$ 4,580,000	$ 4,504,303	$ 4,410,896	$ 93,407	$ 75,697	$ 169,104	$ 112,296
1-Dec-12	144	Unlimited	$ 4,460,000	$ 4,382,891	$ 4,256,422	$ 126,469	$ 77,109	$ 203,578	$ 138,336
1-Dec-13	132	Unlimited	$ 5,250,000	$ 5,119,736	$ 4,814,606	$ 305,131	$ 130,264	$ 435,394	$ 299,618
1-Dec-14	120	Unlimited	$ 6,200,000	$ 6,109,311	$ 5,261,380	$ 847,931	$ 90,689	$ 938,620	$ 687,086
1-Dec-15	108	Unlimited	$ 9,100,000	$ 9,036,413	$ 8,710,972	$ 325,441	$ 63,587	$ 389,028	$ 294,967
1-Dec-16	96	Unlimited	$ 10,700,000	$ 10,210,237	$ 8,514,646	$ 1,695,590	$ 489,763	$ 2,185,354	$ 1,690,408
1-Dec-17	84	Unlimited	$ 9,800,000	$ 9,472,693	$ 7,623,240	$ 1,849,452	$ 327,307	$ 2,176,760	$ 1,723,245
1-Dec-18	72	Unlimited	$ 10,500,000	$ 10,074,690	$ 8,047,958	$ 2,026,732	$ 425,310	$ 2,452,042	$ 1,991,854
1-Dec-19	60	Unlimited	$ 16,000,000	$ 15,234,549	$ 9,867,074	$ 5,367,475	$ 765,451	$ 6,132,926	$ 5,031,682
1-Dec-20	48	Unlimited	$ 15,000,000	$ 14,252,023	$ 8,718,984	$ 5,533,038	$ 747,977	$ 6,281,016	$ 5,240,316
1-Dec-21	36	Unlimited	$ 18,000,000	$ 16,866,901	$ 7,772,036	$ 9,094,865	$ 1,133,099	$ 10,227,964	$ 8,819,200
1-Dec-22	24	Unlimited	$ 19,000,000	$ 16,133,927	$ 6,001,256	$ 10,132,671	$ 2,866,073	$ 12,998,744	$ 11,602,817
1-Dec-23	12	Unlimited	$ 23,200,000	$ 15,026,341	$ 2,257,529	$ 12,768,812	$ 8,173,659	$ 20,942,471	$ 19,262,169
Total			$ 243,229,536	$ 227,446,673	$ 175,555,613	$ 51,891,060	$ 15,782,862	$ 67,673,923	$ 58,513,281

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 32,173,065	1.001	$ 32,220,035	$ 31,850,138	1.015	$ 32,324,833	$ 322,928	1.110	$ 32,208,655
1-Dec-01	276	$ 4,041,536	1.002	$ 4,048,251	$ 4,041,536	1.015	$ 4,103,809	$ -	1.123	$ 4,041,536
1-Dec-02	264	$ 4,231,307	1.002	$ 4,240,443	$ 4,146,974	1.015	$ 4,210,872	$ 84,333	1.165	$ 4,245,263
1-Dec-03	252	$ 4,506,845	1.003	$ 4,518,897	$ 3,811,038	1.016	$ 3,870,137	$ 695,807	1.212	$ 4,654,086
1-Dec-04	240	$ 12,146,182	1.003	$ 12,184,752	$ 12,004,802	1.016	$ 12,190,966	$ 141,379	1.261	$ 12,183,152
1-Dec-05	228	$ 4,204,876	1.004	$ 4,222,447	$ 4,204,876	1.016	$ 4,270,083	$ -	1.375	$ 4,204,876
1-Dec-06	216	$ 4,866,242	1.005	$ 4,891,463	$ 4,866,242	1.016	$ 4,941,705	$ -	1.510	$ 4,866,242
1-Dec-07	204	$ 6,145,349	1.006	$ 6,183,377	$ 6,145,349	1.017	$ 6,246,889	$ -	1.609	$ 6,145,349
1-Dec-08	192	$ 6,552,424	1.007	$ 6,599,564	$ 6,552,424	1.018	$ 6,667,350	$ -	1.708	$ 6,552,424
1-Dec-09	180	$ 6,786,420	1.008	$ 6,842,078	$ 6,544,256	1.019	$ 6,665,698	$ 242,164	1.807	$ 6,981,768
1-Dec-10	168	$ 5,368,414	1.009	$ 5,417,855	$ 5,130,981	1.020	$ 5,231,422	$ 237,433	1.906	$ 5,583,490
1-Dec-11	156	$ 4,504,303	1.010	$ 4,550,332	$ 4,410,896	1.022	$ 4,506,236	$ 93,407	1.916	$ 4,589,873
1-Dec-12	144	$ 4,382,891	1.011	$ 4,432,107	$ 4,256,422	1.025	$ 4,361,468	$ 126,469	1.855	$ 4,491,079
1-Dec-13	132	$ 5,119,736	1.012	$ 5,182,403	$ 4,814,606	1.028	$ 4,948,228	$ 305,131	1.811	$ 5,367,172
1-Dec-14	120	$ 6,109,311	1.015	$ 6,202,643	$ 5,261,380	1.036	$ 5,450,661	$ 847,931	1.765	$ 6,757,657
1-Dec-15	108	$ 9,036,413	1.018	$ 9,201,985	$ 8,710,972	1.045	$ 9,105,573	$ 325,441	1.710	$ 9,267,470
1-Dec-16	96	$ 10,210,237	1.021	$ 10,428,509	$ 8,514,646	1.056	$ 8,989,357	$ 1,695,590	1.657	$ 11,323,527
1-Dec-17	84	$ 9,472,693	1.025	$ 9,713,898	$ 7,623,240	1.071	$ 8,165,650	$ 1,849,452	1.597	$ 10,576,767
1-Dec-18	72	$ 10,074,690	1.032	$ 10,393,211	$ 8,047,958	1.095	$ 8,814,364	$ 2,026,732	1.544	$ 11,177,897
1-Dec-19	60	$ 15,234,549	1.042	$ 15,873,367	$ 9,867,074	1.122	$ 11,071,517	$ 5,367,475	1.587	$ 18,386,032
1-Dec-20	48	$ 14,252,023	1.054	$ 15,027,836	$ 8,718,984	1.167	$ 10,176,768	$ 5,533,038	1.563	$ 17,369,680
1-Dec-21	36	$ 16,866,901	1.065	$ 17,962,906	$ 7,772,036	1.277	$ 9,928,026	$ 9,094,865	1.391	$ 20,420,743
1-Dec-22	24	$ 16,133,927	1.149	$ 18,545,119	$ 6,001,256	1.605	$ 9,629,115	$ 10,132,671	1.527	$ 21,473,218
1-Dec-23	12	$ 15,026,341	1.504	$ 22,595,148	$ 2,257,529	4.270	$ 9,638,962	$ 12,768,812	1.778	$ 24,954,540
Total		$ 227,446,673		$ 241,478,626	$ 175,555,613		$ 195,509,688	$ 51,891,060		$ 257,822,497

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Incurred Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Incurred Loss	Trended Payroll (in 00s)	Incurred LDF	Expected Loss Rate	Adjusted Expected Loss	Ultimate Loss
1-Dec-01	276	$ 4,041,536	4.461	1.025	$ 18,481,453	14,382,393	1.002	1.40	$ 4,411,775	$ 4,048,854
1-Dec-02	264	$ 4,231,307	4.169	1.025	$ 18,083,416	14,457,869	1.002	1.42	$ 4,793,710	$ 4,241,635
1-Dec-03	252	$ 4,506,845	3.897	1.000	$ 17,561,792	14,632,790	1.003	1.45	$ 5,429,964	$ 4,521,327
1-Dec-04	240	$ 12,146,182	3.642	1.000	$ 44,233,590	14,559,620	1.003	1.50	$ 5,979,089	$ 12,165,109
1-Dec-05	228	$ 4,204,876	3.404	1.000	$ 14,311,389	14,035,639	1.004	1.39	$ 5,713,278	$ 4,228,651
1-Dec-06	216	$ 4,866,242	3.181	1.000	$ 15,478,846	14,177,973	1.005	1.32	$ 5,871,803	$ 4,896,518
1-Dec-07	204	$ 6,145,349	2.973	1.000	$ 18,268,700	14,671,191	1.006	1.27	$ 6,282,992	$ 6,183,990
1-Dec-08	192	$ 6,552,424	2.778	1.000	$ 18,204,522	14,650,932	1.007	1.23	$ 6,498,123	$ 6,598,839
1-Dec-09	180	$ 6,786,420	2.643	1.000	$ 17,939,513	15,062,276	1.008	1.19	$ 6,781,800	$ 6,841,588
1-Dec-10	168	$ 5,368,414	2.622	1.000	$ 14,074,420	13,595,673	1.009	1.15	$ 5,947,402	$ 5,422,687
1-Dec-11	156	$ 4,504,303	2.444	1.000	$ 11,007,867	12,818,761	1.010	1.11	$ 5,830,128	$ 4,563,278
1-Dec-12	144	$ 4,382,891	2.270	1.000	$ 9,950,657	13,108,734	1.011	1.10	$ 6,326,084	$ 4,453,138
1-Dec-13	132	$ 5,119,736	2.106	1.000	$ 10,783,828	13,246,314	1.012	1.11	$ 6,966,539	$ 5,203,978
1-Dec-14	120	$ 6,109,311	1.960	1.000	$ 11,974,389	12,996,974	1.015	1.15	$ 7,596,431	$ 6,223,615
1-Dec-15	108	$ 9,036,413	1.823	1.000	$ 16,477,370	13,350,878	1.018	1.20	$ 8,813,855	$ 9,195,001
1-Dec-16	96	$ 10,210,237	1.694	1.000	$ 17,292,188	13,191,658	1.021	1.26	$ 9,816,288	$ 10,415,695
1-Dec-17	84	$ 9,472,693	1.572	1.000	$ 14,887,555	11,989,120	1.025	1.31	$ 10,020,088	$ 9,721,501
1-Dec-18	72	$ 10,074,690	1.461	1.000	$ 14,722,952	12,005,527	1.032	1.38	$ 11,300,998	$ 10,421,032
1-Dec-19	60	$ 15,234,549	1.360	1.000	$ 20,722,367	11,861,951	1.042	1.46	$ 12,695,332	$ 15,745,468
1-Dec-20	48	$ 14,252,023	1.255	1.000	$ 17,889,556	11,136,845	1.054	1.51	$ 13,399,907	$ 14,943,794
1-Dec-21	36	$ 16,866,901	1.147	1.000	$ 19,346,188	11,275,400	1.065	1.56	$ 15,295,584	$ 17,800,159
1-Dec-22	24	$ 16,133,927	1.070	1.000	$ 17,263,302	11,935,977	1.149	1.58	$ 17,632,666	$ 18,426,484
1-Dec-23	12	$ 15,026,341	1.000	1.000	$ 15,026,341	12,238,211	1.504	1.60	$ 19,621,933	$ 21,599,196
Total		$ 195,273,608			$ 393,982,201	305,382,705			$ 203,025,767	$ 207,861,536

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - General Government (Medical))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Paid Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Paid Loss	Trended Payroll (in 00s)	Paid LDF	Expected Loss Rate	Adjusted Expected Loss	Ultimate Loss
1-Dec-01	276	$ 4,041,536	4.461	1.025	$ 18,481,453	14,382,393	1.015	1.38	$ 4,333,045	$ 4,107,287
1-Dec-02	264	$ 4,146,974	4.169	1.025	$ 17,722,999	14,457,869	1.015	1.39	$ 4,691,155	$ 4,218,160
1-Dec-03	252	$ 3,811,038	3.897	1.000	$ 14,850,444	14,632,790	1.016	1.41	$ 5,292,135	$ 3,891,852
1-Dec-04	240	$ 12,004,802	3.642	1.000	$ 43,718,718	14,559,620	1.016	1.47	$ 5,868,076	$ 12,094,412
1-Dec-05	228	$ 4,204,876	3.404	1.000	$ 14,311,389	14,035,639	1.016	1.36	$ 5,618,820	$ 4,290,679
1-Dec-06	216	$ 4,866,242	3.181	1.000	$ 15,478,846	14,177,973	1.016	1.30	$ 5,775,636	$ 4,954,440
1-Dec-07	204	$ 6,145,349	2.973	1.000	$ 18,268,700	14,671,191	1.017	1.25	$ 6,168,009	$ 6,245,606
1-Dec-08	192	$ 6,552,424	2.778	1.000	$ 18,204,522	14,650,932	1.018	1.20	$ 6,348,364	$ 6,661,852
1-Dec-09	180	$ 6,544,256	2.643	1.000	$ 17,299,366	15,062,276	1.019	1.15	$ 6,568,802	$ 6,663,932
1-Dec-10	168	$ 5,130,981	2.622	1.000	$ 13,451,940	13,595,673	1.020	1.10	$ 5,702,514	$ 5,240,467
1-Dec-11	156	$ 4,410,896	2.444	1.000	$ 10,779,592	12,818,761	1.022	1.05	$ 5,523,608	$ 4,527,761
1-Dec-12	144	$ 4,256,422	2.270	1.000	$ 9,663,528	13,108,734	1.025	1.02	$ 5,897,665	$ 4,398,468
1-Dec-13	132	$ 4,814,606	2.106	1.000	$ 10,141,123	13,246,314	1.028	1.01	$ 6,364,993	$ 4,986,486
1-Dec-14	120	$ 5,261,380	1.960	1.000	$ 10,312,425	12,996,974	1.036	1.02	$ 6,782,554	$ 5,496,913
1-Dec-15	108	$ 8,710,972	1.823	1.000	$ 15,883,947	13,350,878	1.045	1.05	$ 7,706,447	$ 9,044,940
1-Dec-16	96	$ 8,514,646	1.694	1.000	$ 14,420,515	13,191,658	1.056	1.07	$ 8,302,678	$ 8,953,095
1-Dec-17	84	$ 7,623,240	1.572	1.000	$ 11,980,903	11,989,120	1.071	1.07	$ 8,176,841	$ 8,166,393
1-Dec-18	72	$ 8,047,958	1.461	1.000	$ 11,761,126	12,005,527	1.095	1.08	$ 8,862,026	$ 8,818,508
1-Dec-19	60	$ 9,867,074	1.360	1.000	$ 13,421,410	11,861,951	1.122	1.09	$ 9,481,586	$ 10,898,552
1-Dec-20	48	$ 8,718,984	1.255	1.000	$ 10,944,324	11,136,845	1.167	1.08	$ 9,561,330	$ 10,088,609
1-Dec-21	36	$ 7,772,036	1.147	1.000	$ 8,914,457	11,275,400	1.277	1.06	$ 10,396,888	$ 10,029,845
1-Dec-22	24	$ 6,001,256	1.070	1.000	$ 6,421,344	11,935,977	1.605	1.04	$ 11,558,142	$ 10,355,894
1-Dec-23	12	$ 2,257,529	1.000	1.000	$ 2,257,529	12,238,211	4.270	1.03	$ 12,561,890	$ 11,877,315
Total		$ 143,705,476			$ 328,690,600	305,382,705			$ 167,543,206	$ 166,011,466

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Workers Compensation - General Government (Medical))
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Reported Claims	(4) Claim CDF	(5) Ultimate Claims	(6) Severity LDF	(7) Reported Severity	(8) Ultimate Reported Severity	(9) Unreported Claims	(10) Ultimate Unreported Severity	(11) Ultimate Loss
Prior	288	17,485	1.000	17,485	1.001	$ 1,840	$ 1,843	0	$ 2,136	$ 32,220,035
1-Dec-01	276	1,161	1.000	1,161	1.002	$ 3,481	$ 3,487	0	$ 2,468	$ 4,048,251
1-Dec-02	264	1,223	1.000	1,223	1.002	$ 3,460	$ 3,467	0	$ 2,861	$ 4,240,443
1-Dec-03	252	1,218	1.000	1,218	1.003	$ 3,700	$ 3,710	0	$ 3,423	$ 4,518,897
1-Dec-04	240	1,318	1.000	1,318	1.003	$ 9,216	$ 9,245	0	$ 4,040	$ 12,184,752
1-Dec-05	228	1,159	1.000	1,159	1.004	$ 3,628	$ 3,643	0	$ 4,424	$ 4,222,447
1-Dec-06	216	903	1.000	903	1.005	$ 5,389	$ 5,417	0	$ 4,933	$ 4,891,463
1-Dec-07	204	777	1.000	777	1.006	$ 7,909	$ 7,958	0	$ 5,510	$ 6,183,377
1-Dec-08	192	767	1.000	767	1.007	$ 8,543	$ 8,604	0	$ 6,040	$ 6,599,564
1-Dec-09	180	862	1.000	862	1.008	$ 7,873	$ 7,937	0	$ 6,357	$ 6,842,078
1-Dec-10	168	789	1.000	789	1.009	$ 6,804	$ 6,867	0	$ 6,303	$ 5,417,855
1-Dec-11	156	783	1.000	783	1.010	$ 5,753	$ 5,811	0	$ 6,595	$ 4,550,332
1-Dec-12	144	720	1.000	720	1.011	$ 6,087	$ 6,156	0	$ 6,968	$ 4,432,107
1-Dec-13	132	761	1.000	761	1.012	$ 6,728	$ 6,810	0	$ 7,422	$ 5,182,403
1-Dec-14	120	778	1.000	778	1.015	$ 7,853	$ 7,973	0	$ 7,926	$ 6,202,643
1-Dec-15	108	1,108	1.000	1,108	1.018	$ 8,156	$ 8,305	0	$ 8,465	$ 9,201,985
1-Dec-16	96	1,240	1.000	1,240	1.021	$ 8,234	$ 8,410	0	$ 9,072	$ 10,428,509
1-Dec-17	84	1,088	1.001	1,089	1.024	$ 8,707	$ 8,919	1	$ 9,808	$ 9,714,002
1-Dec-18	72	1,038	1.002	1,040	1.030	$ 9,706	$ 9,993	2	$ 10,673	$ 10,393,802
1-Dec-19	60	1,224	1.003	1,228	1.039	$ 12,447	$ 12,930	4	$ 11,674	$ 15,872,537
1-Dec-20	48	1,208	1.004	1,213	1.050	$ 11,798	$ 12,391	5	$ 12,739	$ 15,031,568
1-Dec-21	36	1,301	1.007	1,310	1.058	$ 12,965	$ 13,713	9	$ 14,097	$ 17,966,849
1-Dec-22	24	1,115	1.015	1,132	1.132	$ 14,470	$ 16,379	17	$ 15,379	$ 18,524,237
1-Dec-23	12	1,129	1.032	1,165	1.458	$ 13,309	$ 19,401	36	$ 16,704	$ 22,505,438
Total		41,155		41,229				74		$ 241,375,573

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 4,041,536	1.002	0.79	1.025	0.77	$ 5,762,919	0.002	$ 9,560	$ 4,051,095
1-Dec-02	$ 9,500,000	$ 4,231,307	1.002	0.82	1.025	0.80	$ 6,198,683	0.002	$ 13,355	$ 4,244,663
1-Dec-03	Various	$ 4,506,845	1.003	0.85	1.000	0.85	$ 6,880,690	0.003	$ 18,351	$ 4,525,196
1-Dec-04	Unlimited	$ 12,146,182	1.003	0.88	1.000	0.88	$ 7,325,524	0.003	$ 23,189	$ 12,169,371
1-Dec-05	Unlimited	$ 4,204,876	1.004	0.91	1.000	0.91	$ 7,556,221	0.004	$ 31,444	$ 4,236,320
1-Dec-06	Unlimited	$ 4,866,242	1.005	0.95	1.000	0.95	$ 8,167,147	0.005	$ 42,111	$ 4,908,353
1-Dec-07	Unlimited	$ 6,145,349	1.006	0.99	1.000	0.99	$ 9,042,851	0.006	$ 55,613	$ 6,200,963
1-Dec-08	Unlimited	$ 6,552,424	1.007	1.02	1.000	1.02	$ 9,662,489	0.007	$ 69,018	$ 6,621,442
1-Dec-09	Unlimited	$ 6,786,420	1.008	1.05	1.000	1.05	$ 10,440,511	0.008	$ 84,930	$ 6,871,350
1-Dec-10	Unlimited	$ 5,368,414	1.009	1.02	1.000	1.02	$ 9,502,048	0.009	$ 86,712	$ 5,455,125
1-Dec-11	Unlimited	$ 4,504,303	1.010	1.07	1.000	1.07	$ 9,611,066	0.010	$ 97,220	$ 4,601,523
1-Dec-12	Unlimited	$ 4,382,891	1.011	1.11	1.000	1.11	$ 10,579,636	0.011	$ 117,480	$ 4,500,371
1-Dec-13	Unlimited	$ 5,119,736	1.012	1.17	1.000	1.17	$ 11,523,138	0.012	$ 139,341	$ 5,259,077
1-Dec-14	Unlimited	$ 6,109,311	1.015	1.22	1.000	1.22	$ 12,150,166	0.015	$ 182,825	$ 6,292,136
1-Dec-15	Unlimited	$ 9,036,413	1.018	1.27	1.000	1.27	$ 13,415,877	0.018	$ 241,393	$ 9,277,806
1-Dec-16	Unlimited	$ 10,210,237	1.021	1.33	1.000	1.33	$ 14,272,048	0.021	$ 298,718	$ 10,508,955
1-Dec-17	Unlimited	$ 9,472,693	1.025	1.39	1.000	1.39	$ 13,977,787	0.025	$ 347,082	$ 9,819,775
1-Dec-18	Unlimited	$ 10,074,690	1.032	1.45	1.000	1.45	$ 15,052,863	0.031	$ 461,326	$ 10,536,016
1-Dec-19	Unlimited	$ 15,234,549	1.042	1.52	1.000	1.52	$ 15,978,920	0.040	$ 643,065	$ 15,877,615
1-Dec-20	Unlimited	$ 14,252,023	1.054	1.59	1.000	1.59	$ 16,256,991	0.052	$ 839,268	$ 15,091,291
1-Dec-21	Unlimited	$ 16,866,901	1.065	1.69	1.000	1.69	$ 18,012,454	0.061	$ 1,099,028	$ 17,965,929
1-Dec-22	Unlimited	$ 16,133,927	1.149	1.76	1.000	1.76	$ 20,439,735	0.130	$ 2,657,526	$ 18,791,453
1-Dec-23	Unlimited	$ 15,026,341	1.504	1.83	1.000	1.83	$ 22,424,306	0.335	$ 7,511,580	$ 22,537,920
Total		$ 195,273,608					$ 274,234,069		$ 15,070,136	$ 210,343,744

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

AON

Exhibit 8

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 4,041,536	1.015	0.79	1.025	0.77	$ 5,762,919	0.015	$ 87,449	$ 4,128,985
1-Dec-02	$ 9,500,000	$ 4,146,974	1.015	0.82	1.025	0.80	$ 6,198,683	0.015	$ 94,062	$ 4,241,036
1-Dec-03	Various	$ 3,811,038	1.016	0.85	1.000	0.85	$ 6,880,690	0.015	$ 105,073	$ 3,916,110
1-Dec-04	Unlimited	$ 12,004,802	1.016	0.88	1.000	0.88	$ 7,325,524	0.015	$ 111,865	$ 12,116,668
1-Dec-05	Unlimited	$ 4,204,876	1.016	0.91	1.000	0.91	$ 7,556,221	0.015	$ 115,388	$ 4,320,264
1-Dec-06	Unlimited	$ 4,866,242	1.016	0.95	1.000	0.95	$ 8,167,147	0.015	$ 124,718	$ 4,990,960
1-Dec-07	Unlimited	$ 6,145,349	1.017	0.99	1.000	0.99	$ 9,042,851	0.016	$ 146,986	$ 6,292,335
1-Dec-08	Unlimited	$ 6,552,424	1.018	1.02	1.000	1.02	$ 9,662,489	0.017	$ 166,554	$ 6,718,978
1-Dec-09	Unlimited	$ 6,544,256	1.019	1.05	1.000	1.05	$ 10,440,511	0.018	$ 190,215	$ 6,734,471
1-Dec-10	Unlimited	$ 5,130,981	1.020	1.02	1.000	1.02	$ 9,502,048	0.019	$ 182,437	$ 5,313,417
1-Dec-11	Unlimited	$ 4,410,896	1.022	1.07	1.000	1.07	$ 9,611,066	0.021	$ 203,345	$ 4,614,241
1-Dec-12	Unlimited	$ 4,256,422	1.025	1.11	1.000	1.11	$ 10,579,636	0.024	$ 254,812	$ 4,511,233
1-Dec-13	Unlimited	$ 4,814,606	1.028	1.17	1.000	1.17	$ 11,523,138	0.027	$ 311,172	$ 5,125,778
1-Dec-14	Unlimited	$ 5,261,380	1.036	1.22	1.000	1.22	$ 12,150,166	0.035	$ 421,930	$ 5,683,310
1-Dec-15	Unlimited	$ 8,710,972	1.045	1.27	1.000	1.27	$ 13,415,877	0.043	$ 581,393	$ 9,292,365
1-Dec-16	Unlimited	$ 8,514,646	1.056	1.33	1.000	1.33	$ 14,272,048	0.053	$ 753,680	$ 9,268,326
1-Dec-17	Unlimited	$ 7,623,240	1.071	1.39	1.000	1.39	$ 13,977,787	0.066	$ 928,485	$ 8,551,725
1-Dec-18	Unlimited	$ 8,047,958	1.095	1.45	1.000	1.45	$ 15,052,863	0.087	$ 1,308,841	$ 9,356,799
1-Dec-19	Unlimited	$ 9,867,074	1.122	1.52	1.000	1.52	$ 15,978,920	0.109	$ 1,738,307	$ 11,605,381
1-Dec-20	Unlimited	$ 8,718,984	1.167	1.59	1.000	1.59	$ 16,256,991	0.143	$ 2,328,753	$ 11,047,737
1-Dec-21	Unlimited	$ 7,772,036	1.277	1.69	1.000	1.69	$ 18,012,454	0.217	$ 3,911,621	$ 11,683,657
1-Dec-22	Unlimited	$ 6,001,256	1.605	1.76	1.000	1.76	$ 20,439,735	0.377	$ 7,700,861	$ 13,702,117
1-Dec-23	Unlimited	$ 2,257,529	4.270	1.83	1.000	1.83	$ 22,424,306	0.766	$ 17,172,339	$ 19,429,867
Total		$ 143,705,476					$ 274,234,069		$ 38,940,284	$ 182,645,760

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Payroll) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred LDF's Unlimited	Incurred LDF's Limited	Paid LDF's Unlimited	Paid LDF's Limited	Claim CDF	Trend Factors Loss	Trend Factors Exposure	Payroll (in 00s)
Prior	1.001	1.001	1.015	1.015	1.000	4.774	1.945	-
1-Dec-01	1.002	1.002	1.016	1.015	1.000	4.461	1.911	7,524,575
1-Dec-02	1.002	1.002	1.016	1.015	1.000	4.169	1.856	7,790,984
1-Dec-03	1.003	1.003	1.016	1.016	1.000	3.897	1.806	8,101,821
1-Dec-04	1.003	1.003	1.016	1.016	1.000	3.642	1.749	8,323,626
1-Dec-05	1.004	1.004	1.016	1.016	1.000	3.404	1.698	8,264,792
1-Dec-06	1.005	1.005	1.016	1.016	1.000	3.181	1.649	8,599,062
1-Dec-07	1.006	1.006	1.017	1.017	1.000	2.973	1.605	9,142,601
1-Dec-08	1.007	1.007	1.018	1.018	1.000	2.778	1.554	9,427,068
1-Dec-09	1.008	1.008	1.019	1.019	1.000	2.643	1.509	9,982,498
1-Dec-10	1.009	1.009	1.020	1.020	1.000	2.622	1.465	9,280,825
1-Dec-11	1.010	1.010	1.022	1.022	1.000	2.444	1.426	8,990,821
1-Dec-12	1.011	1.011	1.025	1.025	1.000	2.270	1.381	9,493,384
1-Dec-13	1.012	1.012	1.028	1.028	1.000	2.106	1.341	9,880,811
1-Dec-14	1.015	1.015	1.036	1.036	1.000	1.960	1.302	9,985,665
1-Dec-15	1.018	1.018	1.045	1.045	1.000	1.823	1.267	10,539,306
1-Dec-16	1.021	1.021	1.056	1.056	1.000	1.694	1.227	10,752,478
1-Dec-17	1.025	1.025	1.071	1.071	1.001	1.572	1.191	10,065,463
1-Dec-18	1.032	1.032	1.095	1.095	1.002	1.461	1.156	10,381,614
1-Dec-19	1.042	1.042	1.122	1.122	1.003	1.360	1.126	10,539,190
1-Dec-20	1.054	1.054	1.167	1.167	1.004	1.255	1.090	10,216,926
1-Dec-21	1.065	1.065	1.277	1.277	1.007	1.147	1.058	10,654,358
1-Dec-22	1.149	1.149	1.605	1.605	1.015	1.070	1.027	11,616,907
1-Dec-23	1.504	1.504	4.270	4.270	1.032	1.000	1.000	12,238,211

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**1.90**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					
States Selected for WC :	**IL**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends, California Indicies, Benefit Level Adjustment Factors
Column (8) : Flat 3.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 32,173,065	$ 31,850,138	$ 322,928	Various	-	$ -	-	$ -	$ 32,173,065	$ 31,850,138	$ 322,928
1-Dec-01	$ 4,041,536	$ 4,041,536	$ -	$ 9,500,000	-	$ -	-	$ -	$ 4,041,536	$ 4,041,536	$ -
1-Dec-02	$ 4,231,307	$ 4,146,974	$ 84,333	$ 9,500,000	-	$ -	-	$ -	$ 4,231,307	$ 4,146,974	$ 84,333
1-Dec-03	$ 4,506,845	$ 3,811,038	$ 695,807	Various	-	$ -	-	$ -	$ 4,506,845	$ 3,811,038	$ 695,807
1-Dec-04	$ 12,146,182	$ 12,004,802	$ 141,379	Unlimited	-	$ -	-	$ -	$ 12,146,182	$ 12,004,802	$ 141,379
1-Dec-05	$ 4,204,876	$ 4,204,876	$ -	Unlimited	-	$ -	-	$ -	$ 4,204,876	$ 4,204,876	$ -
1-Dec-06	$ 4,866,242	$ 4,866,242	$ -	Unlimited	-	$ -	-	$ -	$ 4,866,242	$ 4,866,242	$ -
1-Dec-07	$ 6,145,349	$ 6,145,349	$ -	Unlimited	-	$ -	-	$ -	$ 6,145,349	$ 6,145,349	$ -
1-Dec-08	$ 6,552,424	$ 6,552,424	$ -	Unlimited	-	$ -	-	$ -	$ 6,552,424	$ 6,552,424	$ -
1-Dec-09	$ 6,786,420	$ 6,544,256	$ 242,164	Unlimited	-	$ -	-	$ -	$ 6,786,420	$ 6,544,256	$ 242,164
1-Dec-10	$ 5,368,414	$ 5,130,980	$ 237,433	Unlimited	-	$ -	-	$ -	$ 5,368,414	$ 5,130,981	$ 237,433
1-Dec-11	$ 4,504,303	$ 4,410,896	$ 93,407	Unlimited	-	$ -	-	$ -	$ 4,504,303	$ 4,410,896	$ 93,407
1-Dec-12	$ 4,382,891	$ 4,256,422	$ 126,469	Unlimited	-	$ -	-	$ -	$ 4,382,891	$ 4,256,422	$ 126,469
1-Dec-13	$ 5,119,736	$ 4,814,606	$ 305,131	Unlimited	-	$ -	-	$ -	$ 5,119,736	$ 4,814,606	$ 305,131
1-Dec-14	$ 6,109,311	$ 5,261,380	$ 847,931	Unlimited	-	$ -	-	$ -	$ 6,109,311	$ 5,261,380	$ 847,931
1-Dec-15	$ 9,036,413	$ 8,710,972	$ 325,441	Unlimited	-	$ -	-	$ -	$ 9,036,413	$ 8,710,972	$ 325,441
1-Dec-16	$ 10,210,237	$ 8,514,646	$ 1,695,590	Unlimited	-	$ -	-	$ -	$ 10,210,237	$ 8,514,646	$ 1,695,590
1-Dec-17	$ 9,472,693	$ 7,623,240	$ 1,849,452	Unlimited	-	$ -	-	$ -	$ 9,472,693	$ 7,623,240	$ 1,849,452
1-Dec-18	$ 10,074,690	$ 8,047,958	$ 2,026,732	Unlimited	-	$ -	-	$ -	$ 10,074,690	$ 8,047,958	$ 2,026,732
1-Dec-19	$ 15,234,549	$ 9,867,074	$ 5,367,475	Unlimited	-	$ -	-	$ -	$ 15,234,549	$ 9,867,074	$ 5,367,475
1-Dec-20	$ 14,252,023	$ 8,718,984	$ 5,533,038	Unlimited	-	$ -	-	$ -	$ 14,252,023	$ 8,718,984	$ 5,533,038
1-Dec-21	$ 16,866,901	$ 7,772,036	$ 9,094,865	Unlimited	-	$ -	-	$ -	$ 16,866,901	$ 7,772,036	$ 9,094,865
1-Dec-22	$ 16,133,927	$ 6,001,256	$ 10,132,671	Unlimited	-	$ -	-	$ -	$ 16,133,927	$ 6,001,256	$ 10,132,671
1-Dec-23	$ 15,026,341	$ 2,257,529	$ 12,768,812	Unlimited	-	$ -	-	$ -	$ 15,026,341	$ 2,257,529	$ 12,768,812
Total	$ 227,446,673	$ 175,555,613	$ 51,891,060		-	$ -	-	$ -	$ 227,446,673	$ 175,555,613	$ 51,891,060

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]

AON

Exhibit 11

Cook County, Illinois
Workers Compensation - General Government (Medical)

Workers Compensation - General Government (Medical) Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Payroll (in 00s)	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	14,382,393	1,161	1.000	1,161	1.000	1,161	0.00807%		1,161	1,161	0.00807%
1-Dec-02	14,457,869	1,223	1.000	1,223	1.000	1,223	0.00846%		1,223	1,223	0.00846%
1-Dec-03	14,632,790	1,218	1.000	1,218	1.000	1,218	0.00832%		1,218	1,218	0.00832%
1-Dec-04	14,559,620	1,318	1.000	1,318	1.000	1,318	0.00905%		1,318	1,318	0.00905%
1-Dec-05	14,035,639	1,159	1.000	1,159	1.000	1,159	0.00826%		1,159	1,159	0.00826%
1-Dec-06	14,177,973	903	1.000	903	1.000	903	0.00637%		903	903	0.00637%
1-Dec-07	14,671,191	777	1.000	777	1.000	777	0.00530%		777	777	0.00530%
1-Dec-08	14,650,932	767	1.000	767	1.000	767	0.00524%		767	767	0.00524%
1-Dec-09	15,062,276	862	1.000	862	1.000	862	0.00572%		862	862	0.00572%
1-Dec-10	13,595,673	789	1.000	789	1.000	789	0.00580%		789	789	0.00580%
1-Dec-11	12,818,761	783	1.000	783	1.000	783	0.00611%		783	783	0.00611%
1-Dec-12	13,108,734	720	1.000	720	1.000	720	0.00549%		720	720	0.00549%
1-Dec-13	13,246,314	761	1.000	761	1.000	761	0.00574%		761	761	0.00574%
1-Dec-14	12,996,974	778	1.000	778	1.000	778	0.00599%		778	778	0.00599%
1-Dec-15	13,350,878	1,108	1.000	1,108	1.000	1,108	0.00830%		1,108	1,108	0.00830%
1-Dec-16	13,191,658	1,240	1.000	1,240	1.000	1,240	0.00940%		1,240	1,240	0.00940%
1-Dec-17	11,989,120	1,088	1.001	1,089	1.000	1,089	0.00908%		1,089	1,089	0.00908%
1-Dec-18	12,005,527	1,038	1.002	1,040	1.000	1,040	0.00866%		1,040	1,040	0.00866%
1-Dec-19	11,861,951	1,224	1.003	1,228	1.000	1,228	0.01035%		1,228	1,228	0.01035%
1-Dec-20	11,136,845	1,208	1.004	1,213	1.000	1,213	0.01089%		1,213	1,213	0.01089%
1-Dec-21	11,275,400	1,301	1.007	1,310	1.000	1,310	0.01162%		1,310	1,310	0.01162%
1-Dec-22	11,935,977	1,115	1.015	1,132	1.000	1,132	0.00949%		1,132	1,132	0.00949%
1-Dec-23	12,238,211	1,129	1.032	1,165	1.000	1,165	0.00952%		1,165	1,165	0.00952%
Total	305,382,705	23,670		23,743		23,743	0.00777%		23,743	23,744	0.00777%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	58,448,383	6,047	0.01035%	6,047	0.01035%
Last 3 Policies	35,449,588	3,607	0.01017%	3,607	0.01017%
Last 2 Policies	24,174,188	2,297	0.00950%	2,297	0.00950%
Last 23 Policies	305,382,705	23,743	0.00777%	23,743	0.00777%

Selected Bornhuetter-Ferguson Frequency Rate	**0.01017%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	0.968
Selected Frequency Rate adjusted to the Renewal Policy Period Level	0.00985%
Payroll for 1-Dec-24	12,830,586
Projected Count for 1-Dec-24	1,264

AON

Exhibit 12

Cook County, Illinois
Workers Compensation - General Government (Medical)
Workers Compensation - General Government (Medical) Experience @ 11/30/24
Losses Limited to Retentions

Policy Period Inception	(1) Incurred Loss	(2) Selected Ultimate Loss	(3) Loss Trend Factor	(4) Retention Adjustment Factor	(5) Trended Ultimate Loss	(6) Payroll (in 00s)	(7) Exposure Trend Factor	(8) Trended Payroll (in 00s)	(9) Trended Loss Rate
1-Dec-01	4,041,536	4,041,536	4.774	1.025	19,775,155	7,524,575	1.974	14,850,399	1.33
1-Dec-02	4,231,307	4,245,000	4.461	1.025	19,411,870	7,790,984	1.916	14,928,332	1.30
1-Dec-03	4,506,845	4,522,000	4.169	1.000	18,854,305	8,101,821	1.865	15,108,945	1.25
1-Dec-04	12,146,182	12,187,000	3.897	1.000	47,488,996	8,323,626	1.806	15,033,394	3.16
1-Dec-05	4,204,876	4,214,000	3.642	1.000	15,346,415	8,264,792	1.754	14,492,362	1.06
1-Dec-06	4,866,242	4,891,000	3.404	1.000	16,646,629	8,599,062	1.702	14,639,328	1.14
1-Dec-07	6,145,349	6,189,000	3.181	1.000	19,686,356	9,142,601	1.657	15,148,595	1.30
1-Dec-08	6,552,424	6,630,000	2.973	1.000	19,709,454	9,427,068	1.605	15,127,677	1.30
1-Dec-09	6,786,420	6,850,000	2.828	1.000	19,375,114	9,982,498	1.558	15,552,406	1.25
1-Dec-10	5,368,414	5,430,000	2.805	1.000	15,232,394	9,280,825	1.513	14,038,080	1.09
1-Dec-11	4,504,303	4,580,000	2.615	1.000	11,976,359	8,990,821	1.472	13,235,887	0.90
1-Dec-12	4,382,891	4,460,000	2.429	1.000	10,834,521	9,493,384	1.426	13,535,296	0.80
1-Dec-13	5,119,736	5,250,000	2.254	1.000	11,832,280	9,880,811	1.384	13,677,353	0.87
1-Dec-14	6,109,311	6,200,000	2.097	1.000	13,002,791	9,985,665	1.344	13,419,899	0.97
1-Dec-15	9,036,413	9,100,000	1.951	1.000	17,754,850	10,539,306	1.308	13,785,319	1.29
1-Dec-16	10,210,237	10,700,000	1.812	1.000	19,390,174	10,752,478	1.267	13,620,918	1.42
1-Dec-17	9,472,693	9,800,000	1.682	1.000	16,480,098	10,065,463	1.230	12,379,249	1.33
1-Dec-18	10,074,690	10,500,000	1.564	1.000	16,418,606	10,381,614	1.194	12,396,190	1.32
1-Dec-19	15,234,549	16,000,000	1.455	1.000	23,286,998	10,539,190	1.162	12,247,942	1.90
1-Dec-20	14,252,023	15,000,000	1.343	1.000	20,146,430	10,216,926	1.126	11,499,241	1.75
1-Dec-21	16,866,901	18,000,000	1.227	1.000	22,091,052	10,654,358	1.093	11,642,304	1.90
1-Dec-22	16,133,927	19,000,000	1.145	1.000	21,753,100	11,616,907	1.061	12,324,377	1.77
1-Dec-23	15,026,341	23,200,000	1.070	1.000	24,824,000	12,238,211	1.033	12,636,446	1.96
All Year Weighted Average					441,317,947			315,319,939	1.40
Latest 5-Year Weighted Average					112,101,580			60,350,310	1.86
Latest 3-Year Weighted Average					68,668,152			36,603,127	1.88
SELECTED									**1.90**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Workers Compensation - General Government (Medical)
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Payroll (in 00s)	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	Unlimited	12,830,586	1,264	1.90	24,400,000
1-Dec-25	Unlimited	13,215,503	1,264	1.97	26,000,000
1-Dec-26	Unlimited	13,611,968	1,264	2.05	27,900,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Workers Compensation - General Government (Medical)

Average : $5,838 sigma = 2.192
CV : 11.00 mu = 6.270

Limitation of Incurred LDF's for Workers Compensation - General Government (Medical)

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.001	1.000	9,500,000	4.470	2.278	1.000	0.989	5,809	9,513,958	4.470	2.279	1.000	0.989	5,809	1.001
276	1.002	1.000	9,500,000	4.470	2.278	1.000	0.989	5,809	9,515,887	4.470	2.279	1.000	0.989	5,809	1.002
264	1.002	1.000	9,500,000	4.470	2.278	1.000	0.989	5,809	9,520,645	4.471	2.279	1.000	0.989	5,809	1.002
252	1.003	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,002,674,195	6.595	4.404	1.000	1.000	5,838	1.003
240	1.003	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,003,175,532	6.596	4.404	1.000	1.000	5,838	1.003
228	1.004	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,004,178,708	6.596	4.404	1.000	1.000	5,838	1.004
216	1.005	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,005,182,887	6.597	4.405	1.000	1.000	5,838	1.005
204	1.006	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,006,188,070	6.597	4.405	1.000	1.000	5,838	1.006
192	1.007	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,007,194,258	6.597	4.406	1.000	1.000	5,838	1.007
180	1.008	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,008,201,452	6.598	4.406	1.000	1.000	5,838	1.008
168	1.009	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,009,209,653	6.598	4.407	1.000	1.000	5,838	1.009
156	1.010	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,010,218,863	6.599	4.407	1.000	1.000	5,838	1.010
144	1.011	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,011,229,082	6.599	4.407	1.000	1.000	5,838	1.011
132	1.012	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,012,240,311	6.600	4.408	1.000	1.000	5,838	1.012
120	1.015	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,015,277,032	6.601	4.409	1.000	1.000	5,838	1.015
108	1.018	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,018,322,863	6.602	4.411	1.000	1.000	5,838	1.018
96	1.021	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,021,377,832	6.604	4.412	1.000	1.000	5,838	1.021
84	1.025	1.001	999,999,999	6.594	4.402	1.000	1.000	5,838	1,024,438,904	6.605	4.413	1.000	1.000	5,838	1.025
72	1.032	1.002	999,999,999	6.594	4.402	1.000	1.000	5,838	1,029,555,981	6.607	4.416	1.000	1.000	5,838	1.032
60	1.042	1.003	999,999,999	6.594	4.402	1.000	1.000	5,838	1,038,812,729	6.612	4.420	1.000	1.000	5,838	1.042
48	1.054	1.004	999,999,999	6.594	4.402	1.000	1.000	5,838	1,050,228,253	6.617	4.425	1.000	1.000	5,838	1.054
36	1.065	1.007	999,999,999	6.594	4.402	1.000	1.000	5,838	1,057,691,830	6.620	4.428	1.000	1.000	5,838	1.065
24	1.149	1.015	999,999,999	6.594	4.402	1.000	1.000	5,838	1,131,950,505	6.651	4.459	1.000	1.000	5,838	1.149
12	1.504	1.032	999,999,999	6.594	4.402	1.000	1.000	5,838	1,457,715,591	6.766	4.574	1.000	1.000	5,838	1.504

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - General Government (Medical)

Average : $5,838 sigma = 2.192
CV : 11.00 mu = 6.270

Limitation of Paid LDF's for Workers Compensation - General Government (Medical)

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.015	1.000	9,500,000	4.470	2.278	1.000	0.989	5,809	9,642,500	4.476	2.285	1.000	0.989	5,809	1.015
276	1.016	1.000	9,500,000	4.470	2.278	1.000	0.989	5,809	9,647,321	4.477	2.285	1.000	0.989	5,809	1.015
264	1.016	1.000	9,500,000	4.470	2.278	1.000	0.989	5,809	9,647,321	4.477	2.285	1.000	0.989	5,809	1.015
252	1.016	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,015,507,499	6.601	4.409	1.000	1.000	5,838	1.016
240	1.016	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,015,507,499	6.601	4.409	1.000	1.000	5,838	1.016
228	1.016	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,015,507,499	6.601	4.409	1.000	1.000	5,838	1.016
216	1.016	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,015,507,499	6.601	4.409	1.000	1.000	5,838	1.016
204	1.017	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,016,523,006	6.602	4.410	1.000	1.000	5,838	1.017
192	1.018	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,017,539,529	6.602	4.410	1.000	1.000	5,838	1.018
180	1.019	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,018,557,069	6.603	4.411	1.000	1.000	5,838	1.019
168	1.020	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,019,575,626	6.603	4.411	1.000	1.000	5,838	1.020
156	1.022	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,021,614,777	6.604	4.412	1.000	1.000	5,838	1.022
144	1.025	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,024,679,622	6.605	4.413	1.000	1.000	5,838	1.025
132	1.028	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,027,753,661	6.607	4.415	1.000	1.000	5,838	1.028
120	1.036	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,035,975,690	6.610	4.418	1.000	1.000	5,838	1.036
108	1.045	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,045,299,471	6.614	4.423	1.000	1.000	5,838	1.045
96	1.056	1.000	999,999,999	6.594	4.402	1.000	1.000	5,838	1,055,752,466	6.619	4.427	1.000	1.000	5,838	1.056
84	1.071	1.001	999,999,999	6.594	4.402	1.000	1.000	5,838	1,070,082,214	6.625	4.433	1.000	1.000	5,838	1.071
72	1.095	1.002	999,999,999	6.594	4.402	1.000	1.000	5,838	1,093,043,015	6.635	4.443	1.000	1.000	5,838	1.095
60	1.122	1.003	999,999,999	6.594	4.402	1.000	1.000	5,838	1,118,707,829	6.645	4.454	1.000	1.000	5,838	1.122
48	1.167	1.004	999,999,999	6.594	4.402	1.000	1.000	5,838	1,162,539,944	6.663	4.471	1.000	1.000	5,838	1.167
36	1.277	1.007	999,999,999	6.594	4.402	1.000	1.000	5,838	1,268,662,719	6.703	4.511	1.000	1.000	5,838	1.277
24	1.605	1.015	999,999,999	6.594	4.402	1.000	1.000	5,838	1,580,092,112	6.803	4.611	1.000	1.000	5,838	1.605
12	4.270	1.032	999,999,999	6.594	4.402	1.000	1.000	5,838	4,139,121,233	7.242	5.050	1.000	1.000	5,838	4.270

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Workers Compensation - General Government (Medical)
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid		Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	98.5%	300	98.9%	$ 389,862	$ 46,783	*	$ 343,079	0.876	$ 300,651
1-Dec-01	276	98.5%	288	98.5%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-02	264	98.5%	276	98.5%	$ 98,026	$ -	*	$ 98,026	0.846	$ 82,929
1-Dec-03	252	98.5%	264	98.5%	$ 710,962	$ -	*	$ 710,962	0.813	$ 577,781
1-Dec-04	240	98.5%	252	98.5%	$ 182,198	$ -	*	$ 182,198	0.781	$ 142,236
1-Dec-05	228	98.5%	240	98.5%	$ 9,124	$ -	*	$ 9,124	0.750	$ 6,842
1-Dec-06	216	98.5%	228	98.5%	$ 24,758	$ -	*	$ 24,758	0.720	$ 17,835
1-Dec-07	204	98.4%	216	98.5%	$ 43,651	$ 2,642	*	$ 41,009	0.692	$ 28,379
1-Dec-08	192	98.3%	204	98.4%	$ 77,576	$ 4,423	*	$ 73,153	0.684	$ 50,026
1-Dec-09	180	98.2%	192	98.3%	$ 305,744	$ 16,476	*	$ 289,268	0.675	$ 195,359
1-Dec-10	168	98.1%	180	98.2%	$ 299,020	$ 15,275	*	$ 283,744	0.667	$ 189,150
1-Dec-11	156	97.9%	168	98.1%	$ 169,104	$ 15,647	*	$ 153,457	0.658	$ 100,933
1-Dec-12	144	97.6%	156	97.9%	$ 203,578	$ 24,429	*	$ 179,149	0.664	$ 118,966
1-Dec-13	132	97.3%	144	97.6%	$ 435,394	$ 47,063	*	$ 388,331	0.680	$ 263,879
1-Dec-14	120	96.5%	132	97.3%	$ 938,620	$ 112,634	*	$ 825,985	0.688	$ 568,404
1-Dec-15	108	95.7%	120	96.5%	$ 389,028	$ 46,683	*	$ 342,345	0.732	$ 250,602
1-Dec-16	96	94.7%	108	95.7%	$ 2,185,354	$ 262,242	*	$ 1,923,111	0.758	$ 1,458,134
1-Dec-17	84	93.4%	96	94.7%	$ 2,176,760	$ 261,211	*	$ 1,915,548	0.774	$ 1,481,709
1-Dec-18	72	91.3%	84	93.4%	$ 2,452,042	$ 294,245	*	$ 2,157,797	0.792	$ 1,708,233
1-Dec-19	60	89.1%	72	91.3%	$ 6,132,926	$ 735,951	*	$ 5,396,975	0.812	$ 4,384,096
1-Dec-20	48	85.7%	60	89.1%	$ 6,281,016	$ 753,722	*	$ 5,527,294	0.820	$ 4,534,799
1-Dec-21	36	78.3%	48	85.7%	$ 10,227,964	$ 1,227,356	*	$ 9,000,608	0.834	$ 7,509,300
1-Dec-22	24	62.3%	36	78.3%	$ 12,998,744	$ 1,559,849	*	$ 11,438,895	0.862	$ 9,863,341
1-Dec-23	12	23.4%	24	62.3%	$ 20,942,471	$ 2,513,097	*	$ 18,429,375	0.893	$ 16,450,255
1-Dec-24	0	0.0%	12	23.4%	$ 24,400,000	$ 2,928,000	*	$ 21,472,000	0.920	$ 19,749,211
Total					$ 92,073,923	$10,867,730		$ 81,206,192		$ 70,033,050

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois
Workers Compensation - General Government (Medical)
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid		Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	98.9%	312	99.2%	$ 293,474	$ 35,217	*	$ 258,257	0.877	$ 226,392
1-Dec-01	288	98.5%	300	98.9%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-02	276	98.5%	288	98.5%	$ 98,026	$ 3,161	*	$ 94,865	0.876	$ 83,104
1-Dec-03	264	98.5%	276	98.5%	$ 710,962	$ -	*	$ 710,962	0.846	$ 601,470
1-Dec-04	252	98.5%	264	98.5%	$ 182,198	$ -	*	$ 182,198	0.813	$ 148,067
1-Dec-05	240	98.5%	252	98.5%	$ 9,124	$ -	*	$ 9,124	0.781	$ 7,123
1-Dec-06	228	98.5%	240	98.5%	$ 24,758	$ -	*	$ 24,758	0.750	$ 18,566
1-Dec-07	216	98.5%	228	98.5%	$ 41,009	$ -	*	$ 41,009	0.720	$ 29,542
1-Dec-08	204	98.4%	216	98.5%	$ 73,153	$ 4,427	*	$ 68,726	0.692	$ 47,559
1-Dec-09	192	98.3%	204	98.4%	$ 289,268	$ 16,492	*	$ 272,776	0.684	$ 186,539
1-Dec-10	180	98.2%	192	98.3%	$ 283,744	$ 15,290	*	$ 268,454	0.675	$ 181,302
1-Dec-11	168	98.1%	180	98.2%	$ 153,457	$ 7,839	*	$ 145,618	0.667	$ 97,072
1-Dec-12	156	97.9%	168	98.1%	$ 178,832	$ 16,547	*	$ 162,285	0.658	$ 106,739
1-Dec-13	144	97.6%	156	97.9%	$ 388,331	$ 46,600	*	$ 341,731	0.664	$ 226,931
1-Dec-14	132	97.3%	144	97.6%	$ 729,897	$ 78,897	*	$ 650,999	0.680	$ 442,367
1-Dec-15	120	96.5%	132	97.3%	$ 311,737	$ 37,408	*	$ 274,328	0.688	$ 188,780
1-Dec-16	108	95.7%	120	96.5%	$ 1,793,379	$ 215,206	*	$ 1,578,174	0.732	$ 1,155,251
1-Dec-17	96	94.7%	108	95.7%	$ 1,730,512	$ 207,661	*	$ 1,522,851	0.758	$ 1,154,650
1-Dec-18	84	93.4%	96	94.7%	$ 1,873,253	$ 224,790	*	$ 1,648,462	0.774	$ 1,275,113
1-Dec-19	72	91.3%	84	93.4%	$ 4,901,810	$ 588,217	*	$ 4,313,593	0.792	$ 3,414,882
1-Dec-20	60	89.1%	72	91.3%	$ 4,770,081	$ 572,410	*	$ 4,197,672	0.812	$ 3,409,872
1-Dec-21	48	85.7%	60	89.1%	$ 6,746,657	$ 809,599	*	$ 5,937,058	0.820	$ 4,870,985
1-Dec-22	36	78.3%	48	85.7%	$ 7,492,405	$ 899,089	*	$ 6,593,316	0.834	$ 5,500,871
1-Dec-23	24	62.3%	36	78.3%	$ 10,303,423	$ 1,236,411	*	$ 9,067,012	0.862	$ 7,818,153
1-Dec-24	12	23.4%	24	62.3%	$ 18,685,308	$ 2,242,237	*	$ 16,443,071	0.893	$ 14,677,260
1-Dec-25	0	0.0%	12	23.4%	$ 26,000,000	$ 3,120,000	*	$ 22,880,000	0.920	$ 21,044,241
Total					$ 88,064,797	$10,377,499		$ 77,687,298		$ 66,912,831

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois
Workers Compensation - General Government (Medical)
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid		Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	99.2%	324	99.4%	$ 220,715	$ 26,486	*	$ 194,229	0.877	$ 170,319
1-Dec-01	300	98.9%	312	99.2%	$ -	$ -	*	$ -	0.877	$ -
1-Dec-02	288	98.5%	300	98.9%	$ 94,865	$ 11,384	*	$ 83,481	0.876	$ 73,157
1-Dec-03	276	98.5%	288	98.5%	$ 710,962	$ 22,923	*	$ 688,039	0.876	$ 602,740
1-Dec-04	264	98.5%	276	98.5%	$ 182,198	$ -	*	$ 182,198	0.846	$ 154,138
1-Dec-05	252	98.5%	264	98.5%	$ 9,124	$ -	*	$ 9,124	0.813	$ 7,415
1-Dec-06	240	98.5%	252	98.5%	$ 24,758	$ -	*	$ 24,758	0.781	$ 19,327
1-Dec-07	228	98.5%	240	98.5%	$ 41,009	$ -	*	$ 41,009	0.750	$ 30,753
1-Dec-08	216	98.5%	228	98.5%	$ 68,726	$ -	*	$ 68,726	0.720	$ 49,509
1-Dec-09	204	98.4%	216	98.5%	$ 272,776	$ 16,509	*	$ 256,267	0.692	$ 177,340
1-Dec-10	192	98.3%	204	98.4%	$ 268,454	$ 15,306	*	$ 253,148	0.684	$ 173,116
1-Dec-11	180	98.2%	192	98.3%	$ 145,618	$ 7,847	*	$ 137,771	0.675	$ 93,044
1-Dec-12	168	98.1%	180	98.2%	$ 162,285	$ 8,290	*	$ 153,995	0.667	$ 102,656
1-Dec-13	156	97.9%	168	98.1%	$ 341,126	$ 31,564	*	$ 309,562	0.658	$ 203,608
1-Dec-14	144	97.6%	156	97.9%	$ 650,999	$ 78,120	*	$ 572,879	0.664	$ 380,428
1-Dec-15	132	97.3%	144	97.6%	$ 242,415	$ 26,204	*	$ 216,212	0.680	$ 146,920
1-Dec-16	120	96.5%	132	97.3%	$ 1,437,074	$ 172,449	*	$ 1,264,626	0.688	$ 870,256
1-Dec-17	108	95.7%	120	96.5%	$ 1,420,120	$ 170,414	*	$ 1,249,706	0.732	$ 914,806
1-Dec-18	96	94.7%	108	95.7%	$ 1,489,226	$ 178,707	*	$ 1,310,519	0.758	$ 993,656
1-Dec-19	84	93.4%	96	94.7%	$ 3,744,768	$ 449,372	*	$ 3,295,395	0.774	$ 2,549,044
1-Dec-20	72	91.3%	84	93.4%	$ 3,812,541	$ 457,505	*	$ 3,355,036	0.792	$ 2,656,035
1-Dec-21	60	89.1%	72	91.3%	$ 5,123,709	$ 614,845	*	$ 4,508,864	0.812	$ 3,662,661
1-Dec-22	48	85.7%	60	89.1%	$ 4,942,204	$ 593,064	*	$ 4,349,139	0.820	$ 3,568,197
1-Dec-23	36	78.3%	48	85.7%	$ 5,938,836	$ 712,660	*	$ 5,226,176	0.834	$ 4,360,252
1-Dec-24	24	62.3%	36	78.3%	$ 9,192,928	$ 1,103,151	*	$ 8,089,777	0.862	$ 6,975,519
1-Dec-25	12	23.4%	24	62.3%	$ 19,910,574	$ 2,389,269	*	$ 17,521,306	0.893	$ 15,639,703
1-Dec-26	0	0.0%	12	23.4%	$ 27,900,000	$ 3,348,000	*	$ 24,552,000	0.920	$ 22,582,090
Total					$ 88,348,010	$10,434,070		$ 77,913,941		$ 67,156,690

Column (3): 1 / Rollforward Exhibit 2 Column (54)
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Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 12% per actuarial judgement**

Cook County, Illinois

Workers Compensation - General Government (Medical)
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2003	4/14/2004	1,240,568	554,644	685,924
12/1/2004	2/5/2005	6,171,677	6,171,677	-
12/1/2004	2/5/2005	1,471,257	1,471,257	-
12/1/2018	12/27/2018	1,006,949	289,279	717,669

AON

Cook County, Illinois
Workers' Compensation - General Government
Occurrence
Medical
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												38,421	37,950	37,016	36,541	36,087	35,612	35,490	35,314	32,476	32,476	32,851	32,816	32,577
12/1/2001					6,009	5,980	5,941	4,783	4,931	4,638	4,642	4,559	4,546	4,547	4,134	4,133	4,133	4,133	4,130	4,134	4,134	4,134	4,134	
12/1/2002				5,782	5,810	6,088	4,710	4,581	4,529	4,530	4,547	4,547	4,547	4,130	4,150	4,150	4,150	4,196	4,196	4,196	4,251	4,251		
12/1/2003			5,366	5,485	5,699	4,179	4,196	4,152	4,206	4,143	4,200	4,352	3,846	3,847	3,899	3,899	3,959	3,931	4,599	4,599				
12/1/2004		8,064	9,500	10,932	10,549	11,302	12,173	12,186	12,187	12,166	12,189	11,693	11,698	11,703	11,703	12,398	12,063	12,063	12,182	12,184				
12/1/2005	3,931	5,751	6,271	4,309	4,260	4,069	4,172	4,180	4,357	4,402	4,055	4,002	4,000	3,986	4,205	4,206	4,206	4,206	4,207					
12/1/2006	3,884	6,034	4,949	5,170	5,213	5,235	5,337	5,353	5,469	4,796	4,821	4,797	4,791	4,953	4,953	4,955	4,955	4,912						
12/1/2007	4,148	5,959	6,910	7,132	8,868	9,869	10,291	10,662	6,216	6,265	6,286	6,238	6,256	6,672	6,667	6,243	6,188							
12/1/2008	3,195	4,643	4,930	5,619	5,666	6,115	6,990	6,621	6,773	6,575	6,602	6,648	6,648	6,595	6,593	6,569								
12/1/2009	3,198	4,218	5,291	5,924	6,344	7,192	6,775	6,762	6,520	6,487	6,790	6,784	6,963	6,907	6,907									
12/1/2010	2,330	3,673	4,360	4,739	5,288	4,820	5,194	5,170	5,118	5,211	5,349	5,589	5,578	5,403										
12/1/2011	2,234	3,794	4,744	5,846	4,792	4,872	4,836	4,744	4,637	4,656	4,600	4,581	4,581											
12/1/2012	2,791	4,957	5,613	4,510	4,726	4,567	4,605	4,592	4,502	4,466	4,407	4,392												
12/1/2013	4,820	7,672	5,891	5,896	5,550	6,464	6,524	6,753	5,582	5,516	5,161													
12/1/2014	8,228	6,243	6,556	6,338	6,374	6,277	5,980	6,259	5,992	6,146														
12/1/2015	8,185	11,180	10,552	10,394	9,958	9,633	9,612	9,497	9,104															
12/1/2016	10,950	10,649	10,353	9,933	10,058	10,835	10,678	10,407																
12/1/2017	9,883	11,437	11,885	10,661	10,514	9,948	9,573																	
12/1/2018	11,988	11,566	10,818	10,476	10,230	10,152																		
12/1/2019	14,981	16,492	18,102	17,568	15,248																			
12/1/2020	12,069	15,140	16,341	14,282																				
12/1/2021	20,989	20,601	16,899																					
12/1/2022	19,499	16,139																						
12/1/2023	15,026																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												0.988	0.975	0.987	0.988	0.987	0.997	0.995	0.920	1.000	1.012	0.999	0.993	
12/1/2001					0.995	0.993	0.805	1.031	0.941	1.001	0.982	0.997	1.000	0.909	1.000	1.000	1.000	0.999	1.001	1.000	1.000	1.000		
12/1/2002				1.005	1.048	0.774	0.973	0.989	1.000	1.004	1.000	1.000	0.908	1.005	1.000	1.000	1.011	1.000	1.000	1.013	1.000			
12/1/2003			1.022	1.039	0.733	1.004	0.989	1.013	0.985	1.014	1.036	0.884	1.000	1.014	1.000	1.015	0.993	1.170	1.000	1.000				
12/1/2004		1.178	1.151	0.965	1.071	1.077	1.001	1.000	0.998	1.002	0.959	1.000	1.000	1.000	1.059	0.973	1.000	1.010	1.000					
12/1/2005	1.463	1.090	0.687	0.989	0.955	1.025	1.002	1.042	1.010	0.921	0.987	0.999	0.997	1.055	1.000	1.000	1.000	1.000						
12/1/2006	1.554	0.820	1.045	1.008	1.004	1.020	1.003	1.022	0.877	1.005	0.995	0.999	1.034	1.000	1.000	1.000	0.991							
12/1/2007	1.437	1.160	1.032	1.243	1.113	1.043	1.036	0.583	1.008	1.003	0.992	1.003	1.066	0.999	0.936	0.991								
12/1/2008	1.453	1.062	1.140	1.008	1.079	1.143	0.947	1.023	0.971	1.004	1.007	1.000	0.992	1.000	0.996									
12/1/2009	1.319	1.255	1.120	1.071	1.134	0.942	0.998	0.964	0.995	1.047	0.999	1.026	0.992	1.000										
12/1/2010	1.577	1.187	1.087	1.116	0.911	1.077	0.995	0.990	1.018	1.027	1.045	0.998	0.969											
12/1/2011	1.698	1.250	1.232	0.820	1.017	0.993	0.981	0.978	1.004	0.988	0.996	1.000												
12/1/2012	1.776	1.132	0.803	1.048	0.966	1.008	0.997	0.980	0.992	0.987	0.997													
12/1/2013	1.592	0.768	1.001	0.941	1.165	1.009	1.035	0.827	0.988	0.936														
12/1/2014	0.759	1.050	0.967	1.006	0.985	0.953	1.047	0.957	1.026															
12/1/2015	1.366	0.944	0.985	0.958	0.967	0.998	0.988	0.959																
12/1/2016	0.973	0.972	0.959	1.013	1.077	0.985	0.975																	
12/1/2017	1.157	1.039	0.897	0.986	0.946	0.962																		
12/1/2018	0.965	0.935	0.968	0.976	0.992																			
12/1/2019	1.101	1.098	0.971	0.868																				
12/1/2020	1.254	1.079	0.874																					
12/1/2021	0.982	0.820																						
12/1/2022	0.828																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.292	1.047	0.997	1.003	1.009	1.000	0.986	0.957	0.987	0.995	1.000	0.991	0.994	0.997	0.998	0.996	0.999	1.029	0.984	1.003	1.004	0.999	0.993	
3 Yr Average	1.021	0.999	0.938	0.944	1.005	0.982	1.003	0.914	1.002	0.970	1.012	1.008	0.984	1.000	0.978	0.997	0.997	1.060	1.000	1.004	1.004	NA	NA	
5 Yr Average	1.026	0.994	0.934	0.960	0.994	0.982	1.008	0.940	1.006	0.997	1.009	1.005	1.011	1.011	0.998	0.996	0.999	1.036	0.984	NA	NA	NA	NA	
3 Yr Wtd Average	0.987	0.983	0.935	0.930	1.004	0.982	0.996	0.919	1.003	0.968	1.014	1.010	0.985	1.000	0.975	0.996	0.998	1.039	1.000	1.004	1.009	NA	NA	
5 Yr Wtd Average	1.005	0.984	0.932	0.949	0.994	0.982	1.003	0.936	1.006	0.999	1.009	1.006	1.010	1.007	1.007	0.990	0.999	1.028	0.953	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	0.982	1.079	0.968	0.976	0.992	0.985	0.988	0.957	0.992	0.987	0.997	1.000	0.992	1.000	0.996	1.000	1.000	1.010	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.016	1.018	0.942	0.974	0.982	0.982	1.007	0.964	1.005	1.000	1.001	1.001	1.006	1.000	0.999	0.997	0.998	1.003	1.000	NA	NA	NA	NA	
Prior	1.340	1.085	1.013	1.015	1.013	1.008	1.005	1.003	1.003	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.002
Industry	1.247	1.008	0.997	0.988	0.988	0.997	0.998	0.997	0.997	1.000	0.999	0.997	0.998	1.001	0.998	0.998	1.000	1.000	1.001	1.001	1.001	1.000	1.000	1.001
Initial Selected	1.308	1.079	1.010	1.012	1.010	1.006	1.004	1.003	1.003	1.003	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.001

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.004
Exponential Curve Fit																								1.001
Weibull Curve Fit																								1.003
Manual Entry																								
Selected Tail Method:	Weibull																							
																								Tail
Final Link Ratio	**1.308**	**1.079**	**1.010**	**1.012**	**1.010**	**1.006**	**1.004**	**1.003**	**1.003**	**1.003**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.001**	**1.000**	**1.001**
Final CDF	**1.504**	**1.149**	**1.065**	**1.054**	**1.042**	**1.032**	**1.025**	**1.021**	**1.018**	**1.015**	**1.012**	**1.011**	**1.010**	**1.009**	**1.008**	**1.007**	**1.006**	**1.005**	**1.004**	**1.003**	**1.003**	**1.002**	**1.002**	**1.001**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Medical Only

AON

Cook County, Illinois
Workers' Compensation - General Government
Occurrence
Medical
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												35,708	35,735	35,874	36,088	35,665	35,406	35,291	35,184	32,189	32,196	32,208	32,221	32,254
12/1/2001					4,276	4,349	4,428	4,537	4,588	4,533	4,537	4,538	4,542	4,543	4,109	4,109	4,109	4,109	4,130	4,134	4,134	4,134	4,134	
12/1/2002				3,952	4,078	4,303	4,430	4,479	4,505	4,529	4,547	4,547	4,547	4,113	4,119	4,120	4,120	4,166	4,166	4,166	4,166	4,166		
12/1/2003			3,311	3,503	3,746	3,978	4,034	4,054	4,104	4,102	4,146	4,162	3,752	3,753	3,783	3,813	3,894	3,897	3,903	3,903	3,903			
12/1/2004		5,701	7,315	8,522	9,779	10,801	12,081	12,098	12,107	12,140	12,167	11,670	11,677	11,679	11,679	12,034	12,039	12,039	12,039	12,043				
12/1/2005	1,556	3,288	3,886	3,990	4,074	4,060	4,158	4,166	4,298	4,314	3,984	3,985	3,985	3,986	4,205	4,206	4,206	4,206	4,207					
12/1/2006	1,789	3,762	4,388	4,717	5,071	5,140	5,263	5,287	5,327	4,699	4,701	4,702	4,710	4,882	4,883	4,891	4,912	4,912						
12/1/2007	1,529	4,502	5,603	6,919	8,632	9,724	10,180	10,418	5,942	5,999	6,065	6,108	6,178	6,188	6,188	6,188	6,188							
12/1/2008	1,517	3,587	4,561	5,257	5,476	5,859	6,385	6,069	6,266	6,399	6,469	6,488	6,496	6,499	6,504	6,569								
12/1/2009	1,420	3,831	5,014	5,631	6,071	6,522	6,143	6,204	6,239	6,294	6,612	6,624	6,635	6,636	6,665									
12/1/2010	1,383	3,204	4,162	4,507	4,771	4,476	4,569	4,651	4,683	4,785	4,867	5,018	5,043	5,165										
12/1/2011	985	3,192	4,280	4,798	4,181	4,298	4,454	4,461	4,476	4,488	4,487	4,488	4,488											
12/1/2012	1,044	3,263	4,045	3,589	3,869	3,945	4,154	4,201	4,227	4,255	4,264	4,266												
12/1/2013	1,530	4,276	4,077	4,381	4,442	4,497	4,788	4,845	4,853	4,856	4,856													
12/1/2014	1,801	3,400	4,207	4,622	4,755	5,114	5,198	5,232	5,256	5,298														
12/1/2015	2,195	6,335	7,366	7,922	8,282	8,497	8,629	8,735	8,779															
12/1/2016	2,613	5,872	7,191	8,001	8,249	8,383	8,477	8,712																
12/1/2017	2,296	5,544	6,751	7,297	7,545	7,688	7,724																	
12/1/2018	2,084	5,592	7,040	7,560	7,811	8,125																		
12/1/2019	2,240	6,756	8,661	9,548	9,880																			
12/1/2020	2,304	6,144	8,308	8,749																				
12/1/2021	3,162	6,906	7,805																					
12/1/2022	2,366	6,006																						
12/1/2023	2,258																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.001	1.004	1.006	0.988	0.993	0.997	0.997	0.915	1.000	1.000	1.000	1.001	
12/1/2001					1.017	1.018	1.025	1.011	0.988	1.001	1.000	1.001	1.000	0.904	1.000	1.000	1.000	1.005	1.001	1.000	1.000	1.000		
12/1/2002				1.032	1.055	1.030	1.011	1.006	1.005	1.004	1.000	1.000	0.905	1.002	1.000	1.000	1.011	1.000	1.000	1.000	1.000			
12/1/2003			1.058	1.069	1.062	1.014	1.005	1.012	0.999	1.011	1.004	0.901	1.000	1.008	1.008	1.021	1.001	1.001	1.000	1.000				
12/1/2004		1.283	1.165	1.147	1.105	1.119	1.001	1.001	1.003	1.002	0.959	1.001	1.000	1.000	1.030	1.000	1.000	1.000	1.000					
12/1/2005	2.113	1.182	1.027	1.021	0.996	1.024	1.002	1.032	1.004	0.924	1.000	1.000	1.000	1.055	1.000	1.000	1.000	1.000						
12/1/2006	2.103	1.166	1.075	1.075	1.014	1.024	1.005	1.008	0.882	1.000	1.000	1.002	1.037	1.000	1.002	1.004	1.000							
12/1/2007	2.945	1.245	1.235	1.248	1.126	1.047	1.023	0.570	1.010	1.011	1.007	1.011	1.002	1.000	1.000	1.000								
12/1/2008	2.364	1.272	1.153	1.042	1.070	1.090	0.950	1.032	1.021	1.011	1.003	1.001	1.000	1.001	1.010									
12/1/2009	2.698	1.309	1.123	1.078	1.074	0.942	1.010	1.006	1.009	1.050	1.002	1.002	1.000	1.004										
12/1/2010	2.317	1.299	1.083	1.059	0.938	1.021	1.018	1.007	1.022	1.017	1.031	1.005	1.024											
12/1/2011	3.242	1.341	1.121	0.871	1.028	1.036	1.002	1.003	1.003	1.000	1.000	1.000												
12/1/2012	3.126	1.240	0.887	1.078	1.019	1.053	1.011	1.006	1.007	1.002	1.000													
12/1/2013	2.795	0.954	1.075	1.014	1.012	1.065	1.012	1.002	1.001	1.000														
12/1/2014	1.887	1.237	1.099	1.029	1.076	1.016	1.007	1.004	1.008															
12/1/2015	2.886	1.163	1.076	1.045	1.026	1.015	1.012	1.005																
12/1/2016	2.247	1.225	1.113	1.031	1.016	1.011	1.028																	
12/1/2017	2.415	1.218	1.081	1.034	1.019	1.005																		
12/1/2018	2.683	1.259	1.074	1.033	1.040																			
12/1/2019	3.016	1.282	1.102	1.035																				
12/1/2020	2.666	1.352	1.053																					
12/1/2021	2.184	1.130																						
12/1/2022	2.539																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	2.568	1.231	1.089	1.052	1.039	1.031	1.008	0.980	0.997	1.003	1.001	0.994	0.997	0.998	1.004	1.002	1.001	1.001	0.983	1.000	1.000	1.000	1.001	
3 Yr Average	2.463	1.255	1.076	1.034	1.025	1.010	1.016	1.004	1.005	1.001	1.011	1.002	1.008	1.002	1.004	1.001	1.000	1.001	1.000	1.000	1.000	0.667	NA	
5 Yr Average	2.618	1.248	1.085	1.036	1.035	1.022	1.014	1.004	1.008	1.014	1.007	1.004	1.013	1.012	1.008	1.005	1.002	1.001	0.983	NA	NA	NA	NA	NA
3 Yr Wtd Average	2.433	1.251	1.077	1.034	1.025	1.011	1.017	1.004	1.005	1.001	1.011	1.002	1.007	1.002	1.004	1.001	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	2.583	1.246	1.084	1.036	1.032	1.019	1.015	1.004	1.008	1.017	1.007	1.004	1.011	1.009	1.013	1.003	1.002	1.001	0.950	NA	NA	NA	NA	NA
Avg X Hi-Lo (3yr X 2)	2.539	1.282	1.074	1.034	1.019	1.011	1.012	1.004	1.007	1.000	1.000	1.002	1.000	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	
Avg X Hi-Lo (5yr X 2)	2.629	1.253	1.086	1.034	1.028	1.014	1.012	1.004	1.006	1.006	1.002	1.003	1.009	1.002	1.004	1.002	1.000	1.001	1.000	NA	NA	NA	NA	
Prior	2.661	1.256	1.100	1.045	1.025	1.033	1.015	1.010	1.009	1.008	1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.002	1.018
Industry	2.025	1.154	1.062	1.032	1.021	1.014	1.009	1.008	1.006	1.005	1.004	1.002	1.004	1.002	1.001	1.002	1.002	1.001	1.007	1.005	1.004	1.003	1.002	1.007
Initial Selected	2.661	1.256	1.094	1.040	1.025	1.022	1.015	1.010	1.009	1.008	1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.015

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.661**	**1.256**	**1.094**	**1.040**	**1.025**	**1.022**	**1.015**	**1.010**	**1.009**	**1.008**	**1.003**	**1.003**	**1.002**	**1.001**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.001**	**1.015**
Final CDF	**4.270**	**1.605**	**1.277**	**1.167**	**1.122**	**1.095**	**1.071**	**1.056**	**1.045**	**1.036**	**1.028**	**1.025**	**1.022**	**1.020**	**1.019**	**1.018**	**1.017**	**1.016**	**1.016**	**1.016**	**1.016**	**1.016**	**1.016**	**1.015**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Medical Only

Aon Proprietary and Confidential

AON

Cook County, Illinois
Workers' Compensation - General Government
Occurrence
Medical
Reported Claim Count Development Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior												17,478	17,479	17,480	17,481	17,480	17,482	17,485	17,485	17,485	17,485	17,485	17,485	17,485
12/1/2001					1,160	1,160	1,160	1,160	1,160	1,160	1,159	1,160	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	
12/1/2002				1,220	1,221	1,222	1,222	1,222	1,222	1,222	1,222	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	
12/1/2003			1,212	1,215	1,215	1,215	1,215	1,215	1,214	1,215	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218		
12/1/2004		1,312	1,313	1,315	1,315	1,316	1,316	1,316	1,316	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318	1,318			
12/1/2005	1,153	1,158	1,156	1,156	1,155	1,155	1,155	1,156	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159				
12/1/2006	875	890	892	896	897	897	896	902	902	903	903	903	903	903	903	903	903	903	903					
12/1/2007	756	767	767	767	768	768	776	777	777	777	777	777	777	777	777	777	777	777						
12/1/2008	668	679	755	755	755	766	767	767	767	767	767	767	767	767	767	767	767							
12/1/2009	751	842	843	844	862	862	862	862	862	862	862	862	862	862	862	862								
12/1/2010	768	773	776	788	788	788	789	789	789	789	789	789	789	789	789									
12/1/2011	757	761	781	783	783	783	783	783	783	783	783	783	783	783										
12/1/2012	703	715	716	719	720	720	720	720	720	720	720	720												
12/1/2013	730	752	756	759	760	760	760	760	760	761	761													
12/1/2014	762	768	771	777	778	778	778	778	778	778														
12/1/2015	1,076	1,104	1,107	1,109	1,108	1,108	1,108	1,108	1,108															
12/1/2016	1,149	1,234	1,238	1,239	1,239	1,239	1,240	1,240																
12/1/2017	1,069	1,086	1,086	1,086	1,086	1,088	1,088																	
12/1/2018	1,020	1,037	1,037	1,038	1,038	1,038																		
12/1/2019	1,172	1,204	1,210	1,221	1,224																			
12/1/2020	1,178	1,190	1,205	1,208																				
12/1/2021	1,262	1,281	1,301																					
12/1/2022	1,100	1,115																						
12/1/2023	1,129																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior												1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2001					1.000	1.000	1.000	1.000	1.000	0.999	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
12/1/2002				1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003			1.002	1.000	1.000	1.000	1.000	0.999	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004		1.001	1.002	1.000	1.001	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
12/1/2005	1.004	0.998	1.000	0.999	1.000	1.000	1.001	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.017	1.002	1.004	1.001	1.000	0.999	1.007	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.015	1.000	1.000	1.001	1.000	1.010	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.016	1.112	1.000	1.000	1.015	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.121	1.001	1.001	1.021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.007	1.004	1.015	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.005	1.026	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.017	1.001	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.030	1.005	1.004	1.001	1.000	1.000	1.000	1.000	1.001	1.000														
12/1/2014	1.008	1.004	1.008	1.001	1.000	1.000	1.000	1.000	1.000															
12/1/2015	1.026	1.003	1.002	0.999	1.000	1.000	1.000	1.000																
12/1/2016	1.074	1.003	1.001	1.000	1.000	1.001	1.000																	
12/1/2017	1.016	1.000	1.000	1.000	1.002	1.000																		
12/1/2018	1.017	1.000	1.001	1.000	1.000																			
12/1/2019	1.027	1.005	1.009	1.002																				
12/1/2020	1.010	1.013	1.002																					
12/1/2021	1.015	1.016																						
12/1/2022	1.014																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.024	1.011	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.013	1.011	1.004	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.017	1.007	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	
3 Yr Wtd Average	1.013	1.011	1.004	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.017	1.007	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.014	1.013	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.015	1.006	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	
Prior	1.020	1.006	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.131	1.019	1.010	1.007	1.007	1.005	1.005	1.006	1.006	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.016	1.009	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.016**	**1.009**	**1.003**	**1.001**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.032**	**1.015**	**1.007**	**1.004**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

The County changed data systems during 2016, resulting in a shift between indemnity and medical. The amounts in the 2016 diagonal are not consistent with prior diagonals.
Industry Factor Source: 2024 NCCI Medical Only

Cook County, Illinois
General Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Revenue (in 000s)	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	969	-	6,387,749	6,387,749	-	-	-	6,387,749	
1-Dec-01	1,057,079	9,500,000	107	-	264,864	264,864	-	-	-	264,864	0.25
1-Dec-02	1,086,728	9,500,000	74	-	431,980	431,980	-	-	-	431,980	0.40
1-Dec-03	1,199,434	Various	76	-	40,287	40,287	-	-	-	40,287	0.03
1-Dec-04	1,189,789	10,000,000	104	-	236,472	236,472	-	-	-	236,472	0.20
1-Dec-05	1,357,723	10,000,000	85	-	151,662	151,662	-	-	-	151,662	0.11
1-Dec-06	1,243,144	10,000,000	82	-	111,956	111,956	-	-	-	111,956	0.09
1-Dec-07	1,207,801	10,000,000	246	-	538,122	538,122	-	-	-	538,122	0.45
1-Dec-08	1,303,812	10,000,000	204	-	195,329	195,329	-	-	-	195,329	0.15
1-Dec-09	1,287,986	10,000,000	101	-	325,332	325,332	-	-	-	325,332	0.25
1-Dec-10	1,293,078	10,000,000	121	-	153,831	153,831	-	-	-	153,831	0.12
1-Dec-11	1,331,769	10,000,000	74	-	146,905	146,905	-	-	-	146,905	0.11
1-Dec-12	1,285,791	Various	120	-	369,930	369,930	-	-	-	369,930	0.29
1-Dec-13	1,362,902	15,000,000	291	-	259,375	259,375	-	-	-	259,375	0.19
1-Dec-14	1,509,150	15,000,000	104	-	373,224	373,224	-	-	-	373,224	0.25
1-Dec-15	1,699,156	15,000,000	85	1	358,465	158,465	200,000	10,535	210,535	369,000	0.22
1-Dec-16	1,753,287	15,000,000	108	4	489,398	459,497	29,901	7,602	37,503	497,000	0.28
1-Dec-17	1,675,248	Various	124	90	565,616	496,521	69,094	28,384	97,479	594,000	0.35
1-Dec-18	1,719,805	20,000,000	199	102	326,917	247,986	78,932	34,083	113,014	361,000	0.21
1-Dec-19	1,547,010	Various	68	2	129,336	114,200	15,136	30,664	45,800	160,000	0.10
1-Dec-20	1,881,172	30,000,000	86	2	4,831,913	4,806,913	25,000	88,087	113,087	4,920,000	2.62
1-Dec-21	1,979,429	30,000,000	92	20	2,287,742	52,523	2,235,219	312,258	2,547,477	2,600,000	1.31
1-Dec-22	1,944,279	30,000,000	87	6	1,083,547	28,547	1,055,000	256,453	1,311,453	1,340,000	0.69
1-Dec-23	1,953,331	30,000,000	87	-	60,605	60,605	-	759,395	759,395	820,000	0.42
Total	33,868,903		3,694	227	20,120,556	16,412,274	3,708,283	1,527,460	5,235,743	21,648,017	0.45
Full Policy Period Projections											
1-Dec-24	2,060,006	30,000,000								1,257,000	0.61
1-Dec-25	2,080,606	30,000,000								1,290,000	0.62

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 6,387,749	$ 6,387,749	$ 6,387,749	N/A	N/A	N/A	N/A	$ 6,387,749	$ 6,387,749
1-Dec-01	$ 264,864	$ 264,864	$ 264,864	$ 264,864	$ 264,864	$ 264,864	$ 264,864	$ 264,864	$ 264,864
1-Dec-02	$ 431,980	$ 431,980	$ 431,980	$ 431,980	$ 431,980	$ 431,980	$ 431,980	$ 431,980	$ 431,980
1-Dec-03	$ 40,287	$ 40,287	$ 40,287	$ 40,287	$ 40,287	$ 40,287	$ 40,287	$ 40,287	$ 40,287
1-Dec-04	$ 236,472	$ 236,472	$ 236,472	$ 236,472	$ 236,472	$ 236,472	$ 236,472	$ 236,472	$ 236,472
1-Dec-05	$ 151,662	$ 151,662	$ 151,662	$ 151,662	$ 151,662	$ 151,662	$ 151,662	$ 151,662	$ 151,662
1-Dec-06	$ 111,956	$ 111,956	$ 111,956	$ 111,956	$ 111,956	$ 111,956	$ 111,956	$ 111,956	$ 111,956
1-Dec-07	$ 538,122	$ 538,122	$ 538,122	$ 538,122	$ 538,122	$ 538,122	$ 538,122	$ 538,122	$ 538,122
1-Dec-08	$ 195,329	$ 195,329	$ 195,329	$ 195,329	$ 195,329	$ 195,329	$ 195,329	$ 195,329	$ 195,329
1-Dec-09	$ 325,332	$ 325,332	$ 325,332	$ 325,332	$ 325,332	$ 325,332	$ 325,332	$ 325,332	$ 325,332
1-Dec-10	$ 153,831	$ 153,831	$ 153,831	$ 153,831	$ 153,831	$ 153,831	$ 153,831	$ 153,831	$ 153,831
1-Dec-11	$ 146,905	$ 146,905	$ 146,905	$ 146,905	$ 146,905	$ 146,905	$ 146,905	$ 146,905	$ 146,905
1-Dec-12	$ 369,930	$ 369,930	$ 369,930	$ 369,930	$ 369,930	$ 369,930	$ 369,930	$ 369,930	$ 369,930
1-Dec-13	$ 259,375	$ 259,375	$ 259,375	$ 259,375	$ 259,375	$ 259,375	$ 259,375	$ 259,375	$ 259,375
1-Dec-14	$ 373,224	$ 373,593	$ 373,224	$ 373,224	$ 373,966	$ 373,224	$ 373,627	$ 373,224	$ 373,224
1-Dec-15	$ 358,819	$ 158,778	$ 558,660	$ 359,312	$ 160,159	$ 359,058	$ 159,439	$ 358,819	$ 369,000
1-Dec-16	$ 490,851	$ 461,772	$ 534,389	$ 492,082	$ 463,965	$ 491,515	$ 462,393	$ 490,851	$ 497,000
1-Dec-17	$ 568,987	$ 501,461	$ 669,932	$ 570,861	$ 505,240	$ 570,361	$ 502,978	$ 568,987	$ 594,000
1-Dec-18	$ 329,844	$ 252,936	$ 392,384	$ 335,055	$ 265,935	$ 335,495	$ 263,460	$ 329,844	$ 361,000
1-Dec-19	$ 132,452	$ 119,962	$ 143,861	$ 148,910	$ 154,172	$ 154,626	$ 157,216	$ 132,452	$ 160,000
1-Dec-20	$ 5,145,149	$ 6,254,909	$ 4,840,834	$ 4,895,119	$ 5,047,256	$ 4,937,882	$ 5,157,153	$ 5,145,149	$ 4,920,000
1-Dec-21	$ 2,644,351	$ 116,176	$ 3,017,525	$ 2,439,171	$ 667,755	$ 2,546,547	$ 875,309	$ 2,639,073	$ 2,600,000
1-Dec-22	$ 1,713,693	$ 137,179	$ 1,998,090	$ 1,498,799	$ 922,826	$ 1,771,070	$ 1,181,041	$ 1,716,058	$ 1,340,000
1-Dec-23	$ 227,249	$ 1,030,409	$ 60,605	$ 911,281	$ 1,152,425	$ 1,415,847	$ 1,461,676	$ 398,575	$ 820,000
Total	$ 21,598,411	$ 19,020,967	$ 22,203,298	$ 15,249,858	$ 12,939,743	$ 16,181,669	$ 13,820,336	$ 21,766,824	$ 21,648,017

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Aon Proprietary and Confidential

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 6,387,749	$ 6,387,749	$ 6,387,749	$ -	$ -	$ -	$ -
1-Dec-01	276	$ 9,500,000	$ 264,864	$ 264,864	$ 264,864	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 431,980	$ 431,980	$ 431,980	$ -	$ -	$ -	$ -
1-Dec-03	252	Various	$ 40,287	$ 40,287	$ 40,287	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 10,000,000	$ 236,472	$ 236,472	$ 236,472	$ -	$ -	$ -	$ -
1-Dec-05	228	$ 10,000,000	$ 151,662	$ 151,662	$ 151,662	$ -	$ -	$ -	$ -
1-Dec-06	216	$ 10,000,000	$ 111,956	$ 111,956	$ 111,956	$ -	$ -	$ -	$ -
1-Dec-07	204	$ 10,000,000	$ 538,122	$ 538,122	$ 538,122	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 10,000,000	$ 195,329	$ 195,329	$ 195,329	$ -	$ -	$ -	$ -
1-Dec-09	180	$ 10,000,000	$ 325,332	$ 325,332	$ 325,332	$ -	$ -	$ -	$ -
1-Dec-10	168	$ 10,000,000	$ 153,831	$ 153,831	$ 153,831	$ -	$ -	$ -	$ -
1-Dec-11	156	$ 10,000,000	$ 146,905	$ 146,905	$ 146,905	$ -	$ -	$ -	$ -
1-Dec-12	144	Various	$ 369,930	$ 369,930	$ 369,930	$ -	$ -	$ -	$ -
1-Dec-13	132	$ 15,000,000	$ 259,375	$ 259,375	$ 259,375	$ -	$ -	$ -	$ -
1-Dec-14	120	$ 15,000,000	$ 373,224	$ 373,224	$ 373,224	$ -	$ -	$ -	$ -
1-Dec-15	108	$ 15,000,000	$ 369,000	$ 358,465	$ 158,465	$ 200,000	$ 10,535	$ 210,535	$ 202,282
1-Dec-16	96	$ 15,000,000	$ 497,000	$ 489,398	$ 459,497	$ 29,901	$ 7,602	$ 37,503	$ 35,898
1-Dec-17	84	Various	$ 594,000	$ 565,616	$ 496,521	$ 69,094	$ 28,384	$ 97,479	$ 92,576
1-Dec-18	72	$ 20,000,000	$ 361,000	$ 326,917	$ 247,986	$ 78,932	$ 34,083	$ 113,014	$ 106,910
1-Dec-19	60	Various	$ 160,000	$ 129,336	$ 114,200	$ 15,136	$ 30,664	$ 45,800	$ 43,553
1-Dec-20	48	$ 30,000,000	$ 4,920,000	$ 4,831,913	$ 4,806,913	$ 25,000	$ 88,087	$ 113,087	$ 109,274
1-Dec-21	36	$ 30,000,000	$ 2,600,000	$ 2,287,742	$ 52,523	$ 2,235,219	$ 312,258	$ 2,547,477	$ 2,440,966
1-Dec-22	24	$ 30,000,000	$ 1,340,000	$ 1,083,547	$ 28,547	$ 1,055,000	$ 256,453	$ 1,311,453	$ 1,231,235
1-Dec-23	12	$ 30,000,000	$ 820,000	$ 60,605	$ 60,605	$ -	$ 759,395	$ 759,395	$ 694,291
Total			$ 21,648,017	$ 20,120,556	$ 16,412,274	$ 3,708,283	$ 1,527,460	$ 5,235,743	$ 4,956,986

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 6,387,749	1.000	$ 6,387,749	$ 6,387,749	1.000	$ 6,387,749	$ -	1.000	$ 6,387,749
1-Dec-01	276	$ 264,864	1.000	$ 264,864	$ 264,864	1.000	$ 264,864	$ -	1.000	$ 264,864
1-Dec-02	264	$ 431,980	1.000	$ 431,980	$ 431,980	1.000	$ 431,980	$ -	1.000	$ 431,980
1-Dec-03	252	$ 40,287	1.000	$ 40,287	$ 40,287	1.000	$ 40,287	$ -	1.000	$ 40,287
1-Dec-04	240	$ 236,472	1.000	$ 236,472	$ 236,472	1.000	$ 236,472	$ -	1.000	$ 236,472
1-Dec-05	228	$ 151,662	1.000	$ 151,662	$ 151,662	1.000	$ 151,662	$ -	1.000	$ 151,662
1-Dec-06	216	$ 111,956	1.000	$ 111,956	$ 111,956	1.000	$ 111,956	$ -	1.000	$ 111,956
1-Dec-07	204	$ 538,122	1.000	$ 538,122	$ 538,122	1.000	$ 538,122	$ -	1.000	$ 538,122
1-Dec-08	192	$ 195,329	1.000	$ 195,329	$ 195,329	1.000	$ 195,329	$ -	1.000	$ 195,329
1-Dec-09	180	$ 325,332	1.000	$ 325,332	$ 325,332	1.000	$ 325,332	$ -	1.000	$ 325,332
1-Dec-10	168	$ 153,831	1.000	$ 153,831	$ 153,831	1.000	$ 153,831	$ -	1.000	$ 153,831
1-Dec-11	156	$ 146,905	1.000	$ 146,905	$ 146,905	1.000	$ 146,905	$ -	1.000	$ 146,905
1-Dec-12	144	$ 369,930	1.000	$ 369,930	$ 369,930	1.000	$ 369,930	$ -	1.000	$ 369,930
1-Dec-13	132	$ 259,375	1.000	$ 259,375	$ 259,375	1.000	$ 259,375	$ -	1.000	$ 259,375
1-Dec-14	120	$ 373,224	1.000	$ 373,224	$ 373,224	1.001	$ 373,593	$ -	1.000	$ 373,224
1-Dec-15	108	$ 358,465	1.001	$ 358,819	$ 158,465	1.002	$ 158,778	$ 200,000	2.001	$ 558,660
1-Dec-16	96	$ 489,398	1.003	$ 490,851	$ 459,497	1.005	$ 461,772	$ 29,901	2.505	$ 534,389
1-Dec-17	84	$ 565,616	1.006	$ 568,987	$ 496,521	1.010	$ 501,461	$ 69,094	2.510	$ 669,932
1-Dec-18	72	$ 326,917	1.009	$ 329,844	$ 247,986	1.020	$ 252,936	$ 78,932	1.829	$ 392,384
1-Dec-19	60	$ 129,336	1.024	$ 132,452	$ 114,200	1.050	$ 119,962	$ 15,136	1.960	$ 143,861
1-Dec-20	48	$ 4,831,913	1.065	$ 5,145,149	$ 4,806,913	1.301	$ 6,254,909	$ 25,000	1.357	$ 4,840,834
1-Dec-21	36	$ 2,287,742	1.156	$ 2,644,351	$ 52,523	2.212	$ 116,176	$ 2,235,219	1.326	$ 3,017,525
1-Dec-22	24	$ 1,083,547	1.582	$ 1,713,693	$ 28,547	4.805	$ 137,179	$ 1,055,000	1.867	$ 1,998,090
1-Dec-23	12	$ 60,605	3.750	$ 227,249	$ 60,605	17.002	$ 1,030,409	$ -	4.528	$ 60,605
Total		$ 20,120,556		$ 21,598,411	$ 16,412,274		$ 19,020,967	$ 3,708,283		$ 22,203,298

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Revenue (in 000s)	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 264,864	2.026	1.001	$ 537,031	1,314,672	1.000	0.33	$ 216,402	$ 264,864
1-Dec-02	264	$ 431,980	1.941	1.001	$ 838,987	1,338,165	1.000	0.33	$ 224,137	$ 431,980
1-Dec-03	252	$ 40,287	1.872	1.001	$ 75,449	1,463,537	1.000	0.29	$ 225,465	$ 40,287
1-Dec-04	240	$ 236,472	1.796	1.001	$ 424,808	1,436,204	1.000	0.28	$ 226,128	$ 236,472
1-Dec-05	228	$ 151,662	1.730	1.001	$ 262,545	1,622,690	1.000	0.28	$ 259,427	$ 151,662
1-Dec-06	216	$ 111,956	1.667	1.001	$ 186,686	1,471,041	1.000	0.28	$ 249,623	$ 111,956
1-Dec-07	204	$ 538,122	1.603	1.001	$ 863,229	1,416,241	1.000	0.30	$ 267,257	$ 538,122
1-Dec-08	192	$ 195,329	1.570	1.001	$ 306,833	1,512,431	1.000	0.30	$ 284,657	$ 195,329
1-Dec-09	180	$ 325,332	1.524	1.001	$ 495,915	1,479,280	1.000	0.30	$ 288,281	$ 325,332
1-Dec-10	168	$ 153,831	1.468	1.001	$ 226,008	1,470,424	1.000	0.30	$ 295,434	$ 153,831
1-Dec-11	156	$ 146,905	1.423	1.001	$ 209,149	1,500,670	1.000	0.31	$ 321,612	$ 146,905
1-Dec-12	144	$ 369,930	1.374	1.000	$ 508,454	1,433,328	1.000	0.33	$ 342,719	$ 369,930
1-Dec-13	132	$ 259,375	1.335	1.000	$ 346,426	1,504,244	1.000	0.35	$ 393,562	$ 259,375
1-Dec-14	120	$ 373,224	1.303	1.000	$ 486,288	1,649,167	1.000	0.38	$ 480,018	$ 373,224
1-Dec-15	108	$ 358,465	1.273	1.000	$ 456,403	1,839,943	1.001	0.42	$ 600,671	$ 359,058
1-Dec-16	96	$ 489,398	1.230	1.000	$ 601,947	1,878,203	1.003	0.47	$ 715,110	$ 491,515
1-Dec-17	84	$ 565,616	1.192	1.000	$ 674,260	1,776,835	1.006	0.54	$ 800,922	$ 570,361
1-Dec-18	72	$ 326,917	1.169	1.000	$ 382,346	1,806,034	1.009	0.63	$ 966,643	$ 335,495
1-Dec-19	60	$ 129,336	1.149	1.000	$ 148,578	1,609,825	1.024	0.77	$ 1,075,262	$ 154,626
1-Dec-20	48	$ 4,831,913	1.108	1.000	$ 5,352,642	1,936,567	1.065	1.00	$ 1,740,623	$ 4,937,882
1-Dec-21	36	$ 2,287,742	1.067	1.000	$ 2,441,157	2,017,542	1.156	1.02	$ 1,919,111	$ 2,546,547
1-Dec-22	24	$ 1,083,547	1.032	1.000	$ 1,118,059	1,962,094	1.582	0.98	$ 1,869,731	$ 1,771,070
1-Dec-23	12	$ 60,605	1.000	1.000	$ 60,605	1,953,331	3.750	0.95	$ 1,848,117	$ 1,415,847
Total		$ 13,732,807			$ 17,003,805	37,392,468			$ 15,610,910	$ 16,181,669

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (General Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Revenue (in 000s)	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 264,864	2.026	1.001	$ 537,031	1,314,672	1.000	0.33	$ 214,744	$ 264,864
1-Dec-02	264	$ 431,980	1.941	1.001	$ 838,987	1,338,165	1.000	0.32	$ 222,168	$ 431,980
1-Dec-03	252	$ 40,287	1.872	1.001	$ 75,449	1,463,537	1.000	0.29	$ 222,789	$ 40,287
1-Dec-04	240	$ 236,472	1.796	1.001	$ 424,808	1,436,204	1.000	0.28	$ 222,769	$ 236,472
1-Dec-05	228	$ 151,662	1.730	1.001	$ 262,545	1,622,690	1.000	0.27	$ 254,486	$ 151,662
1-Dec-06	216	$ 111,956	1.667	1.001	$ 186,686	1,471,041	1.000	0.28	$ 243,675	$ 111,956
1-Dec-07	204	$ 538,122	1.603	1.001	$ 863,229	1,416,241	1.000	0.29	$ 259,616	$ 538,122
1-Dec-08	192	$ 195,329	1.570	1.001	$ 306,833	1,512,431	1.000	0.28	$ 273,775	$ 195,329
1-Dec-09	180	$ 325,332	1.524	1.001	$ 495,915	1,479,280	1.000	0.28	$ 273,914	$ 325,332
1-Dec-10	168	$ 153,831	1.468	1.001	$ 226,008	1,470,424	1.000	0.28	$ 275,922	$ 153,831
1-Dec-11	156	$ 146,905	1.423	1.001	$ 209,149	1,500,670	1.000	0.28	$ 294,658	$ 146,905
1-Dec-12	144	$ 369,930	1.374	1.000	$ 508,454	1,433,328	1.000	0.30	$ 307,890	$ 369,930
1-Dec-13	132	$ 259,375	1.335	1.000	$ 346,426	1,504,244	1.000	0.31	$ 344,471	$ 259,375
1-Dec-14	120	$ 373,224	1.303	1.000	$ 486,288	1,649,167	1.001	0.32	$ 408,275	$ 373,627
1-Dec-15	108	$ 158,465	1.273	1.000	$ 201,760	1,839,943	1.002	0.34	$ 493,623	$ 159,439
1-Dec-16	96	$ 459,497	1.230	1.000	$ 565,170	1,878,203	1.005	0.38	$ 587,738	$ 462,393
1-Dec-17	84	$ 496,521	1.192	1.000	$ 591,894	1,776,835	1.010	0.44	$ 655,525	$ 502,978
1-Dec-18	72	$ 247,986	1.169	1.000	$ 290,031	1,806,034	1.020	0.51	$ 790,639	$ 263,460
1-Dec-19	60	$ 114,200	1.149	1.000	$ 131,190	1,609,825	1.050	0.64	$ 895,612	$ 157,216
1-Dec-20	48	$ 4,806,913	1.108	1.000	$ 5,324,948	1,936,567	1.301	0.87	$ 1,512,930	$ 5,157,153
1-Dec-21	36	$ 52,523	1.067	1.000	$ 56,045	2,017,542	2.212	0.79	$ 1,501,697	$ 875,309
1-Dec-22	24	$ 28,547	1.032	1.000	$ 29,457	1,962,094	4.805	0.77	$ 1,455,356	$ 1,181,041
1-Dec-23	12	$ 60,605	1.000	1.000	$ 60,605	1,953,331	17.002	0.76	$ 1,488,627	$ 1,461,676
Total		$ 10,024,525			$ 13,018,908	37,392,468			$ 13,200,898	$ 13,820,336

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (General Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Reported Claims	(4) Claim CDF	(5) Ultimate Claims	(6) Severity LDF	(7) Reported Severity	(8) Ultimate Reported Severity	(9) Unreported Claims	(10) Ultimate Unreported Severity	(11) Ultimate Loss
Prior	288	969	1.000	969	1.000	$ 6,592	$ 6,592	0	$ 5,528	$ 6,387,749
1-Dec-01	276	107	1.000	107	1.000	$ 2,475	$ 2,475	0	$ 5,128	$ 264,864
1-Dec-02	264	74	1.000	74	1.000	$ 5,838	$ 5,838	0	$ 4,821	$ 431,980
1-Dec-03	252	76	1.000	76	1.000	$ 530	$ 530	0	$ 4,305	$ 40,287
1-Dec-04	240	104	1.000	104	1.000	$ 2,274	$ 2,274	0	$ 3,879	$ 236,472
1-Dec-05	228	85	1.000	85	1.000	$ 1,784	$ 1,784	0	$ 3,478	$ 151,662
1-Dec-06	216	82	1.000	82	1.000	$ 1,365	$ 1,365	0	$ 3,140	$ 111,956
1-Dec-07	204	246	1.000	246	1.000	$ 2,187	$ 2,187	0	$ 2,897	$ 538,122
1-Dec-08	192	204	1.000	204	1.000	$ 957	$ 957	0	$ 2,705	$ 195,329
1-Dec-09	180	101	1.000	101	1.000	$ 3,221	$ 3,221	0	$ 2,735	$ 325,332
1-Dec-10	168	121	1.000	121	1.000	$ 1,271	$ 1,271	0	$ 2,748	$ 153,831
1-Dec-11	156	74	1.000	74	1.000	$ 1,985	$ 1,985	0	$ 2,857	$ 146,905
1-Dec-12	144	120	1.000	120	1.000	$ 3,083	$ 3,083	0	$ 3,024	$ 369,930
1-Dec-13	132	291	1.000	291	1.000	$ 891	$ 891	0	$ 3,170	$ 259,375
1-Dec-14	120	104	1.000	104	1.000	$ 3,589	$ 3,589	0	$ 3,761	$ 373,224
1-Dec-15	108	85	1.000	85	1.001	$ 4,217	$ 4,221	0	$ 4,461	$ 358,819
1-Dec-16	96	108	1.000	108	1.003	$ 4,531	$ 4,545	0	$ 5,336	$ 490,851
1-Dec-17	84	124	1.000	124	1.006	$ 4,561	$ 4,589	0	$ 6,377	$ 568,987
1-Dec-18	72	199	1.000	199	1.009	$ 1,643	$ 1,658	0	$ 7,652	$ 329,844
1-Dec-19	60	68	1.000	68	1.024	$ 1,902	$ 1,948	0	$ 10,312	$ 132,452
1-Dec-20	48	86	1.000	86	1.065	$ 56,185	$ 59,827	0	$ 14,719	$ 5,145,149
1-Dec-21	36	92	1.002	92	1.154	$ 24,867	$ 28,686	0	$ 16,220	$ 2,639,073
1-Dec-22	24	87	1.008	88	1.568	$ 12,455	$ 19,534	1	$ 16,622	$ 1,716,058
1-Dec-23	12	87	1.139	99	3.292	$ 697	$ 2,293	12	$ 16,588	$ 398,575
Total		3,694		3,707				13		$ 21,766,824

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 264,864	1.000	0.36	1.001	0.36	$ 385,072	0.000	$ -	$ 264,864
1-Dec-02	$ 9,500,000	$ 431,980	1.000	0.38	1.001	0.38	$ 409,184	0.000	$ -	$ 431,980
1-Dec-03	Various	$ 40,287	1.000	0.39	1.001	0.39	$ 464,099	0.000	$ -	$ 40,287
1-Dec-04	$ 10,000,000	$ 236,472	1.000	0.40	1.001	0.40	$ 474,791	0.000	$ -	$ 236,472
1-Dec-05	$ 10,000,000	$ 151,662	1.000	0.41	1.001	0.41	$ 556,685	0.000	$ -	$ 151,662
1-Dec-06	$ 10,000,000	$ 111,956	1.000	0.42	1.001	0.42	$ 523,913	0.000	$ -	$ 111,956
1-Dec-07	$ 10,000,000	$ 538,122	1.000	0.43	1.001	0.43	$ 524,315	0.000	$ -	$ 538,122
1-Dec-08	$ 10,000,000	$ 195,329	1.000	0.44	1.001	0.44	$ 571,796	0.000	$ -	$ 195,329
1-Dec-09	$ 10,000,000	$ 325,332	1.000	0.45	1.001	0.45	$ 576,330	0.000	$ -	$ 325,332
1-Dec-10	$ 10,000,000	$ 153,831	1.000	0.46	1.001	0.46	$ 594,380	0.000	$ -	$ 153,831
1-Dec-11	$ 10,000,000	$ 146,905	1.000	0.47	1.001	0.47	$ 625,989	0.000	$ -	$ 146,905
1-Dec-12	Various	$ 369,930	1.000	0.48	1.000	0.48	$ 619,318	0.000	$ -	$ 369,930
1-Dec-13	$ 15,000,000	$ 259,375	1.000	0.49	1.000	0.49	$ 668,861	0.000	$ -	$ 259,375
1-Dec-14	$ 15,000,000	$ 373,224	1.000	0.50	1.000	0.50	$ 751,694	0.000	$ -	$ 373,224
1-Dec-15	$ 15,000,000	$ 358,465	1.001	0.51	1.000	0.51	$ 858,228	0.001	$ 848	$ 359,312
1-Dec-16	$ 15,000,000	$ 489,398	1.003	0.52	1.000	0.52	$ 906,874	0.003	$ 2,684	$ 492,082
1-Dec-17	Various	$ 565,616	1.006	0.53	1.000	0.53	$ 885,201	0.006	$ 5,245	$ 570,861
1-Dec-18	$ 20,000,000	$ 326,917	1.009	0.53	1.000	0.53	$ 917,083	0.009	$ 8,138	$ 335,055
1-Dec-19	Various	$ 129,336	1.024	0.54	1.000	0.54	$ 832,234	0.024	$ 19,574	$ 148,910
1-Dec-20	$ 30,000,000	$ 4,831,913	1.065	0.55	1.000	0.55	$ 1,038,208	0.061	$ 63,206	$ 4,895,119
1-Dec-21	$ 30,000,000	$ 2,287,742	1.156	0.57	1.000	0.57	$ 1,122,884	0.135	$ 151,429	$ 2,439,171
1-Dec-22	$ 30,000,000	$ 1,083,547	1.582	0.58	1.000	0.58	$ 1,129,285	0.368	$ 415,252	$ 1,498,799
1-Dec-23	$ 30,000,000	$ 60,605	3.750	0.59	1.000	0.59	$ 1,160,050	0.733	$ 850,676	$ 911,281
Total		$ 13,732,807					$ 16,596,474		$ 1,517,050	$ 15,249,858

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Revenue) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 264,864	1.000	0.36	1.001	0.36	$ 385,072	0.000	$ -	$ 264,864
1-Dec-02	$ 9,500,000	$ 431,980	1.000	0.38	1.001	0.38	$ 409,184	0.000	$ -	$ 431,980
1-Dec-03	Various	$ 40,287	1.000	0.39	1.001	0.39	$ 464,099	0.000	$ -	$ 40,287
1-Dec-04	$ 10,000,000	$ 236,472	1.000	0.40	1.001	0.40	$ 474,791	0.000	$ -	$ 236,472
1-Dec-05	$ 10,000,000	$ 151,662	1.000	0.41	1.001	0.41	$ 556,685	0.000	$ -	$ 151,662
1-Dec-06	$ 10,000,000	$ 111,956	1.000	0.42	1.001	0.42	$ 523,913	0.000	$ -	$ 111,956
1-Dec-07	$ 10,000,000	$ 538,122	1.000	0.43	1.001	0.43	$ 524,315	0.000	$ -	$ 538,122
1-Dec-08	$ 10,000,000	$ 195,329	1.000	0.44	1.001	0.44	$ 571,796	0.000	$ -	$ 195,329
1-Dec-09	$ 10,000,000	$ 325,332	1.000	0.45	1.001	0.45	$ 576,330	0.000	$ -	$ 325,332
1-Dec-10	$ 10,000,000	$ 153,831	1.000	0.46	1.001	0.46	$ 594,380	0.000	$ -	$ 153,831
1-Dec-11	$ 10,000,000	$ 146,905	1.000	0.47	1.001	0.47	$ 625,989	0.000	$ -	$ 146,905
1-Dec-12	Various	$ 369,930	1.000	0.48	1.000	0.48	$ 619,318	0.000	$ -	$ 369,930
1-Dec-13	$ 15,000,000	$ 259,375	1.000	0.49	1.000	0.49	$ 668,861	0.000	$ -	$ 259,375
1-Dec-14	$ 15,000,000	$ 373,224	1.001	0.50	1.000	0.50	$ 751,694	0.001	$ 743	$ 373,966
1-Dec-15	$ 15,000,000	$ 158,465	1.002	0.51	1.000	0.51	$ 858,228	0.002	$ 1,695	$ 160,159
1-Dec-16	$ 15,000,000	$ 459,497	1.005	0.52	1.000	0.52	$ 906,874	0.005	$ 4,468	$ 463,965
1-Dec-17	Various	$ 496,521	1.010	0.53	1.000	0.53	$ 885,201	0.010	$ 8,719	$ 505,240
1-Dec-18	$ 20,000,000	$ 247,986	1.020	0.53	1.000	0.53	$ 917,083	0.020	$ 17,949	$ 265,935
1-Dec-19	Various	$ 114,200	1.050	0.54	1.000	0.54	$ 832,234	0.048	$ 39,972	$ 154,172
1-Dec-20	$ 30,000,000	$ 4,806,913	1.301	0.55	1.000	0.55	$ 1,038,208	0.231	$ 240,342	$ 5,047,256
1-Dec-21	$ 30,000,000	$ 52,523	2.212	0.57	1.000	0.57	$ 1,122,884	0.548	$ 615,233	$ 667,755
1-Dec-22	$ 30,000,000	$ 28,547	4.805	0.58	1.000	0.58	$ 1,129,285	0.792	$ 894,278	$ 922,826
1-Dec-23	$ 30,000,000	$ 60,605	17.002	0.59	1.000	0.59	$ 1,160,050	0.941	$ 1,091,819	$ 1,152,425
Total		$ 10,024,525					$ 16,596,474		$ 2,915,219	$ 12,939,743

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Revenue) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1) Policy Period Inception	(2) Incurred LDF's Unlimited	(3) Incurred LDF's Limited	(4) Paid LDF's Unlimited	(5) Paid LDF's Limited	(6) Claim CDF	(7) Trend Factors Loss	(8) Trend Factors Exposure	(9) Revenue (in 000s)
Prior	1.000	1.000	1.000	1.000	1.000	2.078	1.251	-
1-Dec-01	1.000	1.000	1.000	1.000	1.000	2.026	1.244	1,057,079
1-Dec-02	1.000	1.000	1.000	1.000	1.000	1.941	1.231	1,086,728
1-Dec-03	1.000	1.000	1.000	1.000	1.000	1.872	1.220	1,199,434
1-Dec-04	1.000	1.000	1.000	1.000	1.000	1.796	1.207	1,189,789
1-Dec-05	1.000	1.000	1.000	1.000	1.000	1.730	1.195	1,357,723
1-Dec-06	1.000	1.000	1.000	1.000	1.000	1.667	1.183	1,243,144
1-Dec-07	1.000	1.000	1.000	1.000	1.000	1.603	1.173	1,207,801
1-Dec-08	1.000	1.000	1.000	1.000	1.000	1.570	1.160	1,303,812
1-Dec-09	1.000	1.000	1.000	1.000	1.000	1.524	1.149	1,287,986
1-Dec-10	1.000	1.000	1.000	1.000	1.000	1.468	1.137	1,293,078
1-Dec-11	1.000	1.000	1.000	1.000	1.000	1.423	1.127	1,331,769
1-Dec-12	1.000	1.000	1.000	1.000	1.000	1.374	1.115	1,285,791
1-Dec-13	1.000	1.000	1.000	1.000	1.000	1.335	1.104	1,362,902
1-Dec-14	1.000	1.000	1.001	1.001	1.000	1.303	1.093	1,509,150
1-Dec-15	1.001	1.001	1.002	1.002	1.000	1.273	1.083	1,699,156
1-Dec-16	1.003	1.003	1.005	1.005	1.000	1.230	1.071	1,753,287
1-Dec-17	1.006	1.006	1.010	1.010	1.000	1.192	1.061	1,675,248
1-Dec-18	1.009	1.009	1.020	1.020	1.000	1.169	1.050	1,719,805
1-Dec-19	1.024	1.024	1.051	1.050	1.000	1.149	1.041	1,547,010
1-Dec-20	1.065	1.065	1.303	1.301	1.000	1.108	1.029	1,881,172
1-Dec-21	1.157	1.156	2.219	2.212	1.002	1.067	1.019	1,979,429
1-Dec-22	1.585	1.582	4.825	4.805	1.008	1.032	1.009	1,944,279
1-Dec-23	3.764	3.750	17.082	17.002	1.139	1.000	1.000	1,953,331

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**0.61**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends
Column (8) : Flat 1.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Limited Loss Calculations

(1) Policy Period Inception	(2) Unlimited Incurred	(3) Unlimited Paid	(4) Unlimited Case O/S	(5) Retention	(6) Claims valued over the Retention No.	(7) Claims valued over the Retention Incurred	(8) Claims valued over the Retention No.	(9) Claims valued over the Retention Paid	(10) Limited Incurred	(11) Limited Paid	(12) Limited Case O/S
Prior	$ 6,387,749	$ 6,387,749	$ -	Various	-	$ -	-	$ -	$ 6,387,749	$ 6,387,749	$ -
1-Dec-01	$ 264,864	$ 264,864	$ -	$ 9,500,000	-	$ -	-	$ -	$ 264,864	$ 264,864	$ -
1-Dec-02	$ 431,980	$ 431,980	$ -	$ 9,500,000	-	$ -	-	$ -	$ 431,980	$ 431,980	$ -
1-Dec-03	$ 40,287	$ 40,287	$ -	Various	-	$ -	-	$ -	$ 40,287	$ 40,287	$ -
1-Dec-04	$ 236,472	$ 236,472	$ -	$ 10,000,000	-	$ -	-	$ -	$ 236,472	$ 236,472	$ -
1-Dec-05	$ 151,662	$ 151,662	$ -	$ 10,000,000	-	$ -	-	$ -	$ 151,662	$ 151,662	$ -
1-Dec-06	$ 111,956	$ 111,956	$ -	$ 10,000,000	-	$ -	-	$ -	$ 111,956	$ 111,956	$ -
1-Dec-07	$ 538,122	$ 538,122	$ -	$ 10,000,000	-	$ -	-	$ -	$ 538,122	$ 538,122	$ -
1-Dec-08	$ 195,329	$ 195,329	$ -	$ 10,000,000	-	$ -	-	$ -	$ 195,329	$ 195,329	$ -
1-Dec-09	$ 325,332	$ 325,332	$ -	$ 10,000,000	-	$ -	-	$ -	$ 325,332	$ 325,332	$ -
1-Dec-10	$ 153,831	$ 153,831	$ -	$ 10,000,000	-	$ -	-	$ -	$ 153,831	$ 153,831	$ -
1-Dec-11	$ 146,905	$ 146,905	$ -	$ 10,000,000	-	$ -	-	$ -	$ 146,905	$ 146,905	$ -
1-Dec-12	$ 369,930	$ 369,930	$ -	Various	-	$ -	-	$ -	$ 369,930	$ 369,930	$ -
1-Dec-13	$ 259,375	$ 259,375	$ -	$ 15,000,000	-	$ -	-	$ -	$ 259,375	$ 259,375	$ -
1-Dec-14	$ 373,224	$ 373,224	$ -	$ 15,000,000	-	$ -	-	$ -	$ 373,224	$ 373,224	$ -
1-Dec-15	$ 358,465	$ 158,465	$ 200,000	$ 15,000,000	-	$ -	-	$ -	$ 358,465	$ 158,465	$ 200,000
1-Dec-16	$ 489,398	$ 459,497	$ 29,901	$ 15,000,000	-	$ -	-	$ -	$ 489,398	$ 459,497	$ 29,901
1-Dec-17	$ 565,616	$ 496,521	$ 69,094	Various	-	$ -	-	$ -	$ 565,616	$ 496,521	$ 69,094
1-Dec-18	$ 326,917	$ 247,986	$ 78,932	$ 20,000,000	-	$ -	-	$ -	$ 326,917	$ 247,986	$ 78,932
1-Dec-19	$ 129,336	$ 114,200	$ 15,136	Various	-	$ -	-	$ -	$ 129,336	$ 114,200	$ 15,136
1-Dec-20	$ 4,831,913	$ 4,806,913	$ 25,000	$ 30,000,000	-	$ -	-	$ -	$ 4,831,913	$ 4,806,913	$ 25,000
1-Dec-21	$ 2,287,742	$ 52,523	$ 2,235,219	$ 30,000,000	-	$ -	-	$ -	$ 2,287,742	$ 52,523	$ 2,235,219
1-Dec-22	$ 1,083,547	$ 28,547	$ 1,055,000	$ 30,000,000	-	$ -	-	$ -	$ 1,083,547	$ 28,547	$ 1,055,000
1-Dec-23	$ 60,605	$ 60,605	$ -	$ 30,000,000	-	$ -	-	$ -	$ 60,605	$ 60,605	$ -
Total	$ 20,120,556	$ 16,412,274	$ 3,708,283		-	$ -	-	$ -	$ 20,120,556	$ 16,412,274	$ 3,708,283

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]

AON

Exhibit 11

Cook County, Illinois
General Liability

General Liability Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Revenue (in 000s)	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	1,314,672	107	1.000	107	1.000	107	0.00814%		107	107	0.00814%
1-Dec-02	1,338,165	74	1.000	74	1.000	74	0.00553%		74	74	0.00553%
1-Dec-03	1,463,537	76	1.000	76	1.000	76	0.00519%		76	76	0.00519%
1-Dec-04	1,436,204	104	1.000	104	1.000	104	0.00724%		104	104	0.00724%
1-Dec-05	1,622,690	85	1.000	85	1.000	85	0.00524%		85	85	0.00524%
1-Dec-06	1,471,041	82	1.000	82	1.000	82	0.00557%		82	82	0.00557%
1-Dec-07	1,416,241	246	1.000	246	1.000	246	0.01737%		246	246	0.01737%
1-Dec-08	1,512,431	204	1.000	204	1.000	204	0.01349%		204	204	0.01349%
1-Dec-09	1,479,280	101	1.000	101	1.000	101	0.00683%		101	101	0.00683%
1-Dec-10	1,470,424	121	1.000	121	1.000	121	0.00823%		121	121	0.00823%
1-Dec-11	1,500,670	74	1.000	74	1.000	74	0.00493%		74	74	0.00493%
1-Dec-12	1,433,328	120	1.000	120	1.000	120	0.00837%		120	120	0.00837%
1-Dec-13	1,504,244	291	1.000	291	1.000	291	0.01935%		291	291	0.01935%
1-Dec-14	1,649,167	104	1.000	104	1.000	104	0.00631%		104	104	0.00631%
1-Dec-15	1,839,943	85	1.000	85	1.000	85	0.00462%		85	85	0.00462%
1-Dec-16	1,878,203	108	1.000	108	1.000	108	0.00575%		108	108	0.00575%
1-Dec-17	1,776,835	124	1.000	124	1.000	124	0.00698%		124	124	0.00698%
1-Dec-18	1,806,034	199	1.000	199	1.000	199	0.01102%		199	199	0.01102%
1-Dec-19	1,609,825	68	1.000	68	1.000	68	0.00422%		68	68	0.00422%
1-Dec-20	1,936,567	86	1.000	86	1.000	86	0.00444%		86	86	0.00444%
1-Dec-21	2,017,542	92	1.002	92	1.000	92	0.00457%		92	92	0.00457%
1-Dec-22	1,962,094	87	1.008	88	1.000	88	0.00447%		88	88	0.00447%
1-Dec-23	1,953,331	87	1.139	99	1.000	99	0.00507%		99	99	0.00507%
Total	37,392,468	2,725		2,738		2,738	0.00732%		2,738	2,738	0.00732%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	9,479,359	433	0.00457%	433	0.00457%
Last 3 Policies	5,932,967	279	0.00470%	279	0.00470%
Last 2 Policies	3,915,425	187	0.00477%	187	0.00477%
Last 23 Policies	37,392,468	2,738	0.00732%	2,738	0.00732%

Selected Bornhuetter-Ferguson Frequency Rate	**0.00567%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	0.989
Selected Frequency Rate adjusted to the Renewal Policy Period Level	0.00561%
Revenue for 1-Dec-24	2,060,006
Projected Count for 1-Dec-24	116

AON

Exhibit 12

Cook County, Illinois
General Liability
General Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period Inception	(1) Incurred Loss	(2) Selected Ultimate Loss	(3) Loss Trend Factor	(4) Retention Adjustment Factor	(5) Trended Ultimate Loss	(6) Revenue (in 000s)	(7) Exposure Trend Factor	(8) Trended Revenue (in 000s)	(9) Trended Loss Rate
1-Dec-01	264,864	264,864	2.099	1.001	556,300	1,057,079	1.257	1,328,920	0.42
1-Dec-02	431,980	431,980	2.011	1.001	869,090	1,086,728	1.245	1,352,668	0.64
1-Dec-03	40,287	40,287	1.939	1.001	78,157	1,199,434	1.233	1,479,399	0.05
1-Dec-04	236,472	236,472	1.860	1.001	440,051	1,189,789	1.220	1,451,769	0.30
1-Dec-05	151,662	151,662	1.792	1.001	271,965	1,357,723	1.208	1,640,277	0.17
1-Dec-06	111,956	111,956	1.726	1.001	193,385	1,243,144	1.196	1,486,983	0.13
1-Dec-07	538,122	538,122	1.661	1.001	894,202	1,207,801	1.185	1,431,590	0.62
1-Dec-08	195,329	195,329	1.626	1.001	317,842	1,303,812	1.173	1,528,822	0.21
1-Dec-09	325,332	325,332	1.578	1.001	513,709	1,287,986	1.161	1,495,312	0.34
1-Dec-10	153,831	153,831	1.521	1.001	234,117	1,293,078	1.149	1,486,360	0.16
1-Dec-11	146,905	146,905	1.474	1.001	216,653	1,331,769	1.139	1,516,934	0.14
1-Dec-12	369,930	369,930	1.423	1.000	526,698	1,285,791	1.127	1,448,862	0.36
1-Dec-13	259,375	259,375	1.383	1.000	358,856	1,362,902	1.116	1,520,547	0.24
1-Dec-14	373,224	373,224	1.349	1.000	503,736	1,509,150	1.105	1,667,040	0.30
1-Dec-15	358,465	369,000	1.319	1.000	486,675	1,699,156	1.095	1,859,884	0.26
1-Dec-16	489,398	497,000	1.274	1.000	633,231	1,753,287	1.083	1,898,558	0.33
1-Dec-17	565,616	594,000	1.235	1.000	733,504	1,675,248	1.072	1,796,092	0.41
1-Dec-18	326,917	361,000	1.211	1.000	437,356	1,719,805	1.062	1,825,608	0.24
1-Dec-19	129,336	160,000	1.190	1.000	190,399	1,547,010	1.052	1,627,272	0.12
1-Dec-20	4,831,913	4,920,000	1.148	1.000	5,645,779	1,881,172	1.041	1,957,555	2.88
1-Dec-21	2,287,742	2,600,000	1.105	1.000	2,873,900	1,979,429	1.030	2,039,408	1.41
1-Dec-22	1,083,547	1,340,000	1.069	1.000	1,432,292	1,944,279	1.020	1,983,359	0.72
1-Dec-23	60,605	820,000	1.036	1.000	849,422	1,953,331	1.011	1,974,501	0.43
All Year Weighted Average					19,257,319			37,797,720	0.51
Latest 5-Year Weighted Average					10,991,792			9,582,095	1.15
Latest 3-Year Weighted Average					5,155,614			5,997,268	0.86
SELECTED					6,959,705			11,435,673	**0.61**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for General Liability
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Revenue (in 000s)	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	30,000,000	2,060,006	116	0.61	1,257,000
1-Dec-25	30,000,000	2,080,606	116	0.62	1,290,000
1-Dec-26	30,000,000	2,101,412	116	0.63	1,324,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
General Liability

Average : $5,938 sigma = 2.420
CV : 18.67 mu = 5.761

Limitation of Incurred LDF's for General Liability

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	9,500,000	4.259	1.839	1.000	0.967	5,840	9,500,000	4.259	1.839	1.000	0.967	5,840	1.000
276	1.000	1.000	9,500,000	4.259	1.839	1.000	0.967	5,840	9,500,000	4.259	1.839	1.000	0.967	5,840	1.000
264	1.000	1.000	9,500,000	4.259	1.839	1.000	0.967	5,840	9,500,000	4.259	1.839	1.000	0.967	5,840	1.000
252	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
240	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
228	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
216	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
204	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
192	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
180	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
168	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
156	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
144	1.000	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,000,000	4.447	2.027	1.000	0.979	5,877	1.000
132	1.000	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,000,000	4.447	2.027	1.000	0.979	5,877	1.000
120	1.000	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,000,000	4.447	2.027	1.000	0.979	5,877	1.000
108	1.001	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,015,000	4.448	2.028	1.000	0.979	5,877	1.001
96	1.003	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,045,030	4.449	2.029	1.000	0.979	5,877	1.003
84	1.006	1.000	20,000,000	4.566	2.146	1.000	0.984	5,893	20,120,220	4.569	2.149	1.000	0.984	5,893	1.006
72	1.009	1.000	20,000,000	4.566	2.146	1.000	0.984	5,893	20,180,581	4.570	2.150	1.000	0.984	5,893	1.009
60	1.024	1.000	30,000,000	4.734	2.314	1.000	0.990	5,910	30,726,645	4.744	2.324	1.000	0.990	5,910	1.024
48	1.065	1.000	30,000,000	4.734	2.314	1.000	0.990	5,910	31,955,711	4.760	2.340	1.000	0.990	5,912	1.065
36	1.157	1.002	30,000,000	4.734	2.314	1.000	0.990	5,910	34,632,943	4.793	2.373	1.000	0.991	5,914	1.156
24	1.585	1.008	30,000,000	4.734	2.314	1.000	0.990	5,910	47,146,510	4.921	2.501	1.000	0.994	5,921	1.582
12	3.764	1.139	30,000,000	4.734	2.314	1.000	0.990	5,910	99,134,358	5.228	2.808	1.000	0.998	5,932	3.750

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
General Liability

Average : $5,938 sigma = 2.420
CV : 18.67 mu = 5.761

Limitation of Paid LDF's for General Liability

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	9,500,000	4.259	1.839	1.000	0.967	5,840	9,500,000	4.259	1.839	1.000	0.967	5,840	1.000
276	1.000	1.000	9,500,000	4.259	1.839	1.000	0.967	5,840	9,500,000	4.259	1.839	1.000	0.967	5,840	1.000
264	1.000	1.000	9,500,000	4.259	1.839	1.000	0.967	5,840	9,500,000	4.259	1.839	1.000	0.967	5,840	1.000
252	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
240	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
228	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
216	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
204	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
192	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
180	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
168	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
156	1.000	1.000	10,000,000	4.280	1.860	1.000	0.969	5,845	10,000,000	4.280	1.860	1.000	0.969	5,845	1.000
144	1.000	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,000,000	4.447	2.027	1.000	0.979	5,877	1.000
132	1.000	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,000,000	4.447	2.027	1.000	0.979	5,877	1.000
120	1.001	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,015,000	4.448	2.028	1.000	0.979	5,877	1.001
108	1.002	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,030,015	4.448	2.028	1.000	0.979	5,877	1.002
96	1.005	1.000	15,000,000	4.447	2.027	1.000	0.979	5,877	15,075,105	4.449	2.029	1.000	0.979	5,877	1.005
84	1.010	1.000	20,000,000	4.566	2.146	1.000	0.984	5,893	20,200,641	4.570	2.150	1.000	0.984	5,894	1.010
72	1.020	1.000	20,000,000	4.566	2.146	1.000	0.984	5,893	20,402,647	4.574	2.155	1.000	0.984	5,894	1.020
60	1.051	1.000	30,000,000	4.734	2.314	1.000	0.990	5,910	31,522,090	4.754	2.334	1.000	0.990	5,911	1.050
48	1.303	1.000	30,000,000	4.734	2.314	1.000	0.990	5,910	39,087,391	4.843	2.423	1.000	0.992	5,917	1.301
36	2.219	1.002	30,000,000	4.734	2.314	1.000	0.990	5,910	66,422,928	5.062	2.642	1.000	0.996	5,927	2.212
24	4.825	1.008	30,000,000	4.734	2.314	1.000	0.990	5,910	143,554,516	5.381	2.961	1.000	0.998	5,934	4.805
12	17.082	1.139	30,000,000	4.734	2.314	1.000	0.990	5,910	449,927,484	5.853	3.433	1.000	1.000	5,937	17.002

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
General Liability
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid	Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	180	100.0%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	168	100.0%	180	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	156	100.0%	168	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	144	100.0%	156	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-13	132	100.0%	144	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-14	120	99.9%	132	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-15	108	99.8%	120	99.9%	$ 210,535	$ 105,216	$ 105,319	0.980	$ 103,224
1-Dec-16	96	99.5%	108	99.8%	$ 37,503	$ 22,471	$ 15,032	0.961	$ 14,443
1-Dec-17	84	99.0%	96	99.5%	$ 97,479	$ 48,586	$ 48,893	0.957	$ 46,800
1-Dec-18	72	98.0%	84	99.0%	$ 113,014	$ 56,140	$ 56,874	0.950	$ 54,014
1-Dec-19	60	95.2%	72	98.0%	$ 45,800	$ 27,084	$ 18,716	0.946	$ 17,705
1-Dec-20	48	76.8%	60	95.2%	$ 113,087	$ 79,056	$ 34,030	0.951	$ 32,361
1-Dec-21	36	45.1%	48	76.9%	$ 2,547,477	$ 1,471,131	$ 1,076,347	0.966	$ 1,040,060
1-Dec-22	24	20.7%	36	45.2%	$ 1,311,453	$ 404,075	$ 907,378	0.958	$ 869,440
1-Dec-23	12	5.9%	24	20.8%	$ 759,395	$ 120,451	$ 638,944	0.939	$ 599,861
1-Dec-24	0	0.0%	12	5.9%	$ 1,257,000	$ 73,933	$ 1,183,067	0.914	$ 1,081,641
Total					$ 6,492,743	$ 2,408,143	$ 4,084,600		$ 3,859,549

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
General Liability
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid	Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	180	100.0%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	168	100.0%	180	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	156	100.0%	168	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-13	144	100.0%	156	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-14	132	100.0%	144	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-15	120	99.9%	132	100.0%	$ 105,319	$ 105,319	$ -	1.000	$ -
1-Dec-16	108	99.8%	120	99.9%	$ 15,032	$ 7,512	$ 7,520	0.980	$ 7,370
1-Dec-17	96	99.5%	108	99.8%	$ 48,893	$ 29,295	$ 19,598	0.961	$ 18,829
1-Dec-18	84	99.0%	96	99.5%	$ 56,874	$ 28,347	$ 28,527	0.957	$ 27,306
1-Dec-19	72	98.0%	84	99.0%	$ 18,716	$ 9,297	$ 9,419	0.950	$ 8,945
1-Dec-20	60	95.2%	72	98.0%	$ 34,030	$ 21,155	$ 12,875	0.946	$ 12,180
1-Dec-21	48	76.9%	60	95.2%	$ 1,076,347	$ 853,033	$ 223,314	0.951	$ 212,358
1-Dec-22	36	45.2%	48	76.9%	$ 907,378	$ 523,997	$ 383,380	0.966	$ 370,456
1-Dec-23	24	20.8%	36	45.2%	$ 638,944	$ 196,867	$ 442,077	0.958	$ 423,594
1-Dec-24	12	5.9%	24	20.8%	$ 1,183,067	$ 187,652	$ 995,415	0.939	$ 934,528
1-Dec-25	0	0.0%	12	5.9%	$ 1,290,000	$ 75,874	$ 1,214,126	0.914	$ 1,110,038
Total					$ 5,374,600	$ 2,038,348	$ 3,336,251		$ 3,125,604

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
General Liability
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid	Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	100.0%	324	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	180	100.0%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	168	100.0%	180	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-13	156	100.0%	168	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-14	144	100.0%	156	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-15	132	100.0%	144	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-16	120	99.9%	132	100.0%	$ 7,520	$ 7,520	$ -	1.000	$ -
1-Dec-17	108	99.8%	120	99.9%	$ 19,598	$ 9,794	$ 9,804	0.980	$ 9,609
1-Dec-18	96	99.5%	108	99.8%	$ 28,527	$ 17,092	$ 11,434	0.961	$ 10,986
1-Dec-19	84	99.0%	96	99.5%	$ 9,419	$ 4,695	$ 4,724	0.957	$ 4,522
1-Dec-20	72	98.0%	84	99.0%	$ 12,875	$ 4,278	$ 8,597	0.950	$ 8,165
1-Dec-21	60	95.2%	72	98.0%	$ 223,314	$ 132,059	$ 91,255	0.946	$ 86,326
1-Dec-22	48	76.9%	60	95.2%	$ 383,380	$ 303,839	$ 79,541	0.951	$ 75,639
1-Dec-23	36	45.2%	48	76.9%	$ 442,077	$ 255,293	$ 186,784	0.966	$ 180,487
1-Dec-24	24	20.8%	36	45.2%	$ 995,415	$ 306,700	$ 688,715	0.958	$ 659,920
1-Dec-25	12	5.9%	24	20.8%	$ 1,214,126	$ 192,578	$ 1,021,548	0.939	$ 959,063
1-Dec-26	0	0.0%	12	5.9%	$ 1,324,000	$ 77,873	$ 1,246,127	0.914	$ 1,139,295
Total					$ 4,660,251	$ 1,311,721	$ 3,348,530		$ 3,134,011

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
General Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2020	7/31/2021	4,500,000	4,500,000	-
12/1/2021	3/7/2022	1,000,000	-	1,000,000
12/1/2021	9/9/2022	1,000,000	-	1,000,000

AON

Cook County, Illinois
General Liability
Occurrence
Indemnity and Expense
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			6,387	6,388	6,388	6,388	6,388	6,388
12/1/2001	320	270	1,108	1,613	761	443	303	303	303	243	243	243	243	243	243	252	252	265	265	265	265	265	265	
12/1/2002	125	1,626	12,779	12,979	439	429	429	429	429	429	429	429	429	429	419	419	432	432	432	432	432	432		
12/1/2003	641	327	337	982	55	35	35	35	35	35	35	35	35	30	30	40	40	40	40	40	40			
12/1/2004	488	751	411	267	222	222	222	222	222	222	222	222	222	222	236	236	236	236	236	236				
12/1/2005	200	527	421	214	184	176	170	170	170	170	170	138	138	152	152	152	152	152	152					
12/1/2006	412	421	317	133	133	118	118	118	118	118	98	98	112	112	112	112	112	112						
12/1/2007	197	638	530	453	453	512	447	447	447	486	486	538	538	538	538	538	538							
12/1/2008	169	127	70	47	152	152	152	152	153	153	195	195	195	195	195	195								
12/1/2009	117	211	332	310	305	313	313	311	311	325	325	325	325	325	325									
12/1/2010	68	219	59	139	139	139	139	139	154	154	154	154	154	154										
12/1/2011	205	253	396	395	170	140	140	147	147	147	147	147	147											
12/1/2012	383	410	384	356	356	356	370	370	370	370	370	370												
12/1/2013	135	223	258	242	214	259	259	259	259	259	259													
12/1/2014	84	411	364	353	373	373	373	373	373	373														
12/1/2015	113	236	196	308	308	258	258	258	358															
12/1/2016	71	186	244	494	474	474	474	489																
12/1/2017	196	814	966	866	866	866	566																	
12/1/2018	195	572	423	331	377	327																		
12/1/2019	40	895	895	795	129																			
12/1/2020	254	3,456	3,399	4,832																				
12/1/2021	61	310	2,288																					
12/1/2022	72	1,084																						
12/1/2023	61																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001	0.843	4.107	1.455	0.472	0.582	0.684	1.000	1.000	0.802	1.000	1.000	1.000	1.000	1.000	1.040	1.000	1.049	1.000	1.000	1.000	1.000	1.000		
12/1/2002	13.027	7.857	1.016	0.034	0.977	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.978	1.000	1.031	1.000	1.000	1.000	1.000	1.000			
12/1/2003	0.510	1.030	2.916	0.056	0.637	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.840	1.000	1.364	1.000	1.000	1.000	1.000	1.000				
12/1/2004	1.540	0.547	0.650	0.832	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.065	1.000	1.000	1.000	1.000	1.000					
12/1/2005	2.632	0.800	0.507	0.860	0.959	0.966	1.000	1.000	1.000	1.000	0.810	1.000	1.099	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.022	0.755	0.419	1.000	0.887	1.000	1.000	1.000	1.000	0.830	1.000	1.144	1.000	1.000	1.000	1.000	1.000							
12/1/2007	3.239	0.831	0.855	1.000	1.129	0.873	1.000	1.000	1.088	1.000	1.107	1.000	1.000	1.000	1.000	1.000								
12/1/2008	0.756	0.550	0.672	3.229	1.000	1.000	1.000	1.008	1.000	1.274	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.805	1.575	0.935	0.984	1.026	1.000	0.994	1.000	1.046	1.000	1.000	1.000	1.000	1.000										
12/1/2010	3.222	0.269	2.346	1.000	1.000	1.000	1.000	1.110	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.234	1.567	0.998	0.430	0.824	1.000	1.049	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.070	0.936	0.929	1.000	1.000	1.038	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.658	1.156	0.939	0.883	1.213	1.000	1.000	1.000	1.000	1.000														
12/1/2014	4.905	0.886	0.969	1.057	1.000	1.000	1.000	1.000	1.000															
12/1/2015	2.101	0.830	1.572	1.000	0.838	1.000	1.000	1.387																
12/1/2016	2.627	1.314	2.025	0.960	1.000	1.000	1.032																	
12/1/2017	4.160	1.187	0.896	1.000	1.000	0.653																		
12/1/2018	2.938	0.739	0.783	1.138	0.867																			
12/1/2019	22.264	1.001	0.888	0.163																				
12/1/2020	13.591	0.984	1.422																					
12/1/2021	5.096	7.385																						
12/1/2022	14.984																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	4.783	1.729	1.160	0.900	0.941	0.954	1.005	1.034	0.995	1.008	0.993	1.013	0.994	1.005	1.051	1.004	1.008	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	11.224	3.123	1.031	0.767	0.956	0.884	1.011	1.129	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	11.775	2.259	1.203	0.852	0.941	0.931	1.006	1.077	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	12.518	1.412	1.263	0.689	0.971	0.812	1.014	1.112	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	10.151	1.318	1.235	0.771	0.958	0.866	1.009	1.071	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	13.591	1.001	0.888	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	11.224	1.057	1.069	0.987	0.956	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	2.250	1.370	1.086	1.040	1.015	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.950	1.410	1.245	1.136	1.080	1.051	1.028	1.020	1.013	1.010	1.008	1.006	1.004	1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.001
Initial Selected	2.375	1.370	1.086	1.040	1.015	1.003	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.375**	**1.370**	**1.086**	**1.040**	**1.015**	**1.003**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**3.764**	**1.585**	**1.157**	**1.065**	**1.024**	**1.009**	**1.006**	**1.003**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: 2024 AM Best with Modified Tail

AON

Cook County, Illinois
General Liability
Occurrence
Indemnity and Expense
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			6,387	6,388	6,388	6,388	6,388	6,388
12/1/2001	13	20	93	93	93	243	243	243	243	243	243	243	243	243	243	252	252	265	265	265	265	265	265	
12/1/2002	1	10	20	24	429	429	429	429	429	429	429	429	429	429	419	419	432	432	432	432	432	432		
12/1/2003	5	18	22	22	35	35	35	35	35	35	35	35	35	30	30	40	40	40	40	40	40			
12/1/2004	10	24	61	222	222	222	222	222	222	222	222	222	222	222	236	236	236	236	236	236				
12/1/2005	4	41	74	164	164	164	170	170	170	170	170	138	138	152	152	152	152	152	152					
12/1/2006	21	38	99	118	118	118	118	118	118	118	98	98	112	112	112	112	112	112						
12/1/2007	37	69	81	128	398	402	447	447	447	486	486	538	538	538	538	538	538							
12/1/2008	15	40	47	47	152	152	152	152	153	153	195	195	195	195	195	195								
12/1/2009	19	27	119	205	205	313	313	311	311	325	325	325	325	325	325									
12/1/2010	13	20	24	139	139	139	139	139	154	154	154	154	154	154										
12/1/2011	20	24	39	90	140	140	140	147	147	147	147	147	147											
12/1/2012	303	314	315	356	356	356	370	370	370	370	370	370												
12/1/2013	24	80	98	212	214	259	259	259	259	259	259													
12/1/2014	9	27	338	353	373	373	373	373	373	373														
12/1/2015	12	104	116	158	158	158	158	158	158															
12/1/2016	3	21	74	379	459	459	459	459																
12/1/2017	15	145	147	497	497	497	497																	
12/1/2018	62	81	81	150	248	248																		
12/1/2019	40	45	45	45	114																			
12/1/2020	29	51	94	4,807																				
12/1/2021	26	50	53																					
12/1/2022	22	29																						
12/1/2023	61																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001	1.557	4.709	1.000	1.000	2.619	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.040	1.000	1.049	1.000	1.000	1.000	1.000	1.000		
12/1/2002	8.386	2.019	1.199	17.775	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.978	1.000	1.031	1.000	1.000	1.000	1.000	1.000			
12/1/2003	3.393	1.199	1.000	1.623	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.840	1.000	1.364	1.000	1.000	1.000	1.000	1.000				
12/1/2004	2.462	2.571	3.623	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.065	1.000	1.000	1.000	1.000	1.000					
12/1/2005	11.562	1.797	2.222	1.000	1.000	1.040	1.000	1.000	1.000	1.000	0.810	1.000	1.099	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.784	2.622	1.192	1.000	1.000	1.000	1.000	1.000	1.000	0.830	1.000	1.144	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.851	1.173	1.590	3.101	1.009	1.112	1.000	1.000	1.088	1.000	1.107	1.000	1.000	1.000	1.000	1.000								
12/1/2008	2.643	1.180	1.000	3.229	1.000	1.000	1.000	1.008	1.000	1.274	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.443	4.407	1.720	1.000	1.527	1.000	0.994	1.000	1.046	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.534	1.200	5.761	1.000	1.000	1.000	1.000	1.110	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.204	1.622	2.301	1.555	1.000	1.000	1.049	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.038	1.003	1.131	1.000	1.000	1.038	1.000	1.000	1.000	1.000	1.000													
12/1/2013	3.276	1.225	2.161	1.011	1.213	1.000	1.000	1.000	1.000	1.000														
12/1/2014	2.893	12.701	1.044	1.057	1.000	1.000	1.000	1.000	1.000															
12/1/2015	8.979	1.119	1.363	1.000	1.000	1.000	1.000	1.000																
12/1/2016	7.834	3.568	5.111	1.211	1.000	1.000	1.000																	
12/1/2017	9.341	1.014	3.389	1.000	1.000	1.000																		
12/1/2018	1.321	1.000	1.841	1.653	1.000																			
12/1/2019	1.124	1.013	1.000	2.527																				
12/1/2020	1.729	1.857	51.185																					
12/1/2021	1.939	1.060																						
12/1/2022	1.279																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	3.572	2.384	4.542	2.302	1.131	1.011	1.003	1.008	1.010	1.008	0.993	1.013	0.994	1.005	1.051	1.004	1.008	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.649	1.310	18.008	1.727	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.478	1.189	12.505	1.478	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.669	1.324	22.675	1.241	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.427	1.132	13.318	1.201	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.729	1.060	1.841	1.653	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.443	1.029	3.447	1.288	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	3.620	2.203	1.695	1.240	1.036	1.012	1.005	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	2.650	1.700	1.430	1.250	1.150	1.100	1.046	1.035	1.025	1.017	1.013	1.010	1.007	1.005	1.004	1.003	1.002	1.002	1.001	1.001	1.001	1.001	1.000	1.001
Initial Selected	3.540	2.175	1.703	1.240	1.030	1.010	1.005	1.003	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**3.540**	**2.175**	**1.703**	**1.240**	**1.030**	**1.010**	**1.005**	**1.003**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**17.082**	**4.825**	**2.219**	**1.303**	**1.051**	**1.020**	**1.010**	**1.005**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: 2024 AM Best with Modified Tail

AON

Cook County, Illinois
General Liability
Occurrence
Indemnity and Expense
Reported Claim Count Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			969	969	969	969	969	969
12/1/2001	46	34	33	33	33	33	33	33	33	33	33	33	33	33	33	107	107	107	107	107	107	107	107	
12/1/2002	32	34	34	34	34	34	34	34	34	34	34	34	34	34	74	74	74	74	74	74	74	74		
12/1/2003	34	34	34	34	34	34	34	34	34	34	34	34	34	76	76	76	76	76	76	76	76			
12/1/2004	65	65	65	65	65	65	65	65	65	65	65	65	104	104	104	104	104	104	104	104				
12/1/2005	40	40	40	40	40	40	40	40	40	40	40	85	85	85	85	85	85	85	85					
12/1/2006	49	49	49	49	49	49	49	49	49	49	82	82	82	82	82	82	82	82						
12/1/2007	212	212	212	212	212	212	212	212	212	246	246	246	246	246	246	246	246							
12/1/2008	142	142	142	142	142	142	142	142	204	204	204	204	204	204	204	204								
12/1/2009	68	68	68	68	68	68	68	101	101	101	101	101	101	101	101									
12/1/2010	48	48	48	48	48	48	121	121	121	121	121	121	121	121										
12/1/2011	52	52	52	52	52	74	74	74	74	74	74	74	74											
12/1/2012	68	68	68	68	119	119	119	119	120	120	120	120												
12/1/2013	222	222	222	291	291	291	291	291	291	291	291													
12/1/2014	41	41	104	104	104	104	104	104	104	104														
12/1/2015	30	83	84	85	85	85	85	85	85															
12/1/2016	79	103	107	107	107	108	108	108																
12/1/2017	105	125	124	124	124	124	124																	
12/1/2018	177	194	194	197	198	199																		
12/1/2019	53	68	68	68	68																			
12/1/2020	65	83	86	86																				
12/1/2021	76	88	92																					
12/1/2022	71	87																						
12/1/2023	87																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001	0.739	0.971	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3.242	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002	1.063	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.176	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.235	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.600	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
12/1/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.125	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.673	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.160	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.437	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.000	1.000	1.000	1.000	1.000	1.000	1.485	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.000	1.000	1.000	1.000	1.000	2.521	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.000	1.000	1.000	1.000	1.423	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.000	1.000	1.000	1.750	1.000	1.000	1.000	1.008	1.000	1.000	1.000													
12/1/2013	1.000	1.000	1.311	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12/1/2014	1.000	2.537	1.000	1.000	1.000	1.000	1.000	1.000	1.000															
12/1/2015	2.767	1.012	1.012	1.000	1.000	1.000	1.000	1.000																
12/1/2016	1.304	1.039	1.000	1.000	1.009	1.000	1.000																	
12/1/2017	1.190	0.992	1.000	1.000	1.000	1.000																		
12/1/2018	1.096	1.000	1.015	1.005	1.005																			
12/1/2019	1.283	1.000	1.000	1.000																				
12/1/2020	1.277	1.036	1.000																					
12/1/2021	1.158	1.045																						
12/1/2022	1.225																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.141	1.078	1.017	1.040	1.024	1.089	1.030	1.030	1.011	1.052	1.094	1.055	1.124	1.131	1.280	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.220	1.027	1.005	1.002	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.208	1.015	1.003	1.001	1.003	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.217	1.029	1.009	1.003	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.176	1.011	1.005	1.002	1.003	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.225	1.036	1.000	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.220	1.012	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	1.118	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.219	1.047	1.026	1.015	1.012	1.011	1.012	1.013	1.017	1.003	1.003	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.129	1.006	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.129**	**1.006**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.139**	**1.008**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: 2024 AM Best with Modified Tail

Aon Proprietary and Confidential

Cook County, Illinois
Automobile Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Number of Vehicles	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	1,054	-	13,250,354	13,250,354	-	-	-	13,250,354	
1-Dec-01	2,283	9,500,000	112	-	2,523,962	2,523,962	-	-	-	2,523,962	1,106
1-Dec-02	2,283	9,500,000	74	-	234,297	234,297	-	-	-	234,297	103
1-Dec-03	1,997	Various	111	-	430,586	430,586	-	-	-	430,586	216
1-Dec-04	1,997	10,000,000	91	-	2,857,039	2,857,039	-	-	-	2,857,039	1,431
1-Dec-05	1,780	10,000,000	82	-	201,210	201,210	-	-	-	201,210	113
1-Dec-06	-	10,000,000	92	-	653,237	653,237	-	-	-	653,237	
1-Dec-07	-	10,000,000	71	-	149,661	149,661	-	-	-	149,661	
1-Dec-08	-	10,000,000	60	-	191,753	191,753	-	-	-	191,753	
1-Dec-09	-	10,000,000	62	-	6,849,297	6,849,297	-	-	-	6,849,297	
1-Dec-10	2,071	10,000,000	88	-	834,347	834,347	-	-	-	834,347	403
1-Dec-11	1,837	10,000,000	75	-	445,189	445,189	-	-	-	445,189	242
1-Dec-12	1,892	Various	58	-	302,494	302,494	-	-	-	302,494	160
1-Dec-13	1,921	15,000,000	86	-	2,935,696	2,935,696	-	-	-	2,935,696	1,528
1-Dec-14	2,022	15,000,000	62	-	309,188	309,188	-	-	-	309,188	153
1-Dec-15	1,915	15,000,000	70	-	1,519,883	1,519,883	-	-	-	1,519,883	794
1-Dec-16	1,773	15,000,000	53	-	1,529,308	1,529,308	-	-	-	1,529,308	863
1-Dec-17	1,847	Various	61	16	8,768,035	8,759,129	8,906	11,965	20,871	8,780,000	4,754
1-Dec-18	1,903	20,000,000	61	7	1,286,610	1,253,672	32,938	3,390	36,328	1,290,000	678
1-Dec-19	1,800	Various	35	1	233,863	208,863	25,000	46,137	71,137	280,000	156
1-Dec-20	1,744	30,000,000	32	-	848,638	848,638	-	51,362	51,362	900,000	516
1-Dec-21	1,769	30,000,000	57	2	430,117	230,117	200,000	319,883	519,883	750,000	424
1-Dec-22	1,764	30,000,000	49	1	179,304	104,304	75,000	800,696	875,696	980,000	556
1-Dec-23	1,825	30,000,000	47	2	1,573,318	23,318	1,550,000	1,346,682	2,896,682	2,920,000	1,600
Total	36,423		2,643	29	48,537,388	46,645,544	1,891,844	2,580,115	4,471,959	51,117,503	824
Full Policy Period Projections											
1-Dec-24	1,989	30,000,000								2,220,000	1,118
1-Dec-25	1,982	30,000,000								2,300,000	1,160

Aon Proprietary and Confidential

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 13,250,354	$ 13,250,354	$ 13,250,354	N/A	N/A	N/A	N/A	$ 13,250,354	$ 13,250,354
1-Dec-01	$ 2,523,962	$ 2,523,962	$ 2,523,962	N/A	N/A	N/A	N/A	$ 2,523,962	$ 2,523,962
1-Dec-02	$ 234,297	$ 234,297	$ 234,297	N/A	N/A	N/A	N/A	$ 234,297	$ 234,297
1-Dec-03	$ 430,586	$ 430,586	$ 430,586	N/A	N/A	N/A	N/A	$ 430,586	$ 430,586
1-Dec-04	$ 2,857,039	$ 2,857,039	$ 2,857,039	N/A	N/A	N/A	N/A	$ 2,857,039	$ 2,857,039
1-Dec-05	$ 201,210	$ 201,210	$ 201,210	N/A	N/A	N/A	N/A	$ 201,210	$ 201,210
1-Dec-06	$ 653,237	$ 653,237	$ 653,237	N/A	N/A	N/A	N/A	$ 653,237	$ 653,237
1-Dec-07	$ 149,661	$ 149,661	$ 149,661	N/A	N/A	N/A	N/A	$ 149,661	$ 149,661
1-Dec-08	$ 191,753	$ 191,753	$ 191,753	N/A	N/A	N/A	N/A	$ 191,753	$ 191,753
1-Dec-09	$ 6,849,297	$ 6,849,297	$ 6,849,297	N/A	N/A	N/A	N/A	$ 6,849,297	$ 6,849,297
1-Dec-10	$ 834,347	$ 834,347	$ 834,347	$ 834,347	$ 834,347	$ 834,347	$ 834,347	$ 834,347	$ 834,347
1-Dec-11	$ 445,189	$ 445,189	$ 445,189	$ 445,189	$ 445,189	$ 445,189	$ 445,189	$ 445,189	$ 445,189
1-Dec-12	$ 302,494	$ 302,494	$ 302,494	$ 302,494	$ 302,494	$ 302,494	$ 302,494	$ 302,494	$ 302,494
1-Dec-13	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ 2,935,696
1-Dec-14	$ 309,188	$ 309,188	$ 309,188	$ 309,188	$ 309,188	$ 309,188	$ 309,188	$ 309,188	$ 309,188
1-Dec-15	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ 1,519,883
1-Dec-16	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ 1,529,308
1-Dec-17	$ 8,768,035	$ 8,777,132	$ 8,768,035	$ 8,768,035	$ 8,762,443	$ 8,768,035	$ 8,764,087	$ 8,768,035	$ 8,780,000
1-Dec-18	$ 1,290,882	$ 1,277,641	$ 1,293,664	$ 1,292,230	$ 1,285,531	$ 1,293,730	$ 1,294,445	$ 1,290,882	$ 1,290,000
1-Dec-19	$ 236,473	$ 221,179	$ 240,042	$ 252,001	$ 300,380	$ 253,601	$ 309,002	$ 236,473	$ 280,000
1-Dec-20	$ 884,157	$ 984,508	$ 848,638	$ 914,756	$ 1,075,778	$ 913,991	$ 1,072,066	$ 884,157	$ 900,000
1-Dec-21	$ 508,402	$ 343,084	$ 605,810	$ 699,142	$ 805,385	$ 677,541	$ 739,894	$ 508,402	$ 750,000
1-Dec-22	$ 278,105	$ 240,804	$ 305,235	$ 826,347	$ 1,136,703	$ 767,505	$ 960,482	$ 276,722	$ 980,000
1-Dec-23	$ 5,095,441	$ 161,476	$ 8,091,784	$ 2,926,814	$ 1,698,656	$ 2,912,031	$ 1,379,582	$ 4,727,878	$ 2,920,000
Total	$ 52,278,998	$ 47,223,327	$ 55,370,711	$ 23,555,428	$ 22,940,983	$ 23,462,539	$ 22,395,665	$ 51,910,051	$ 51,117,503

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 13,250,354	$ 13,250,354	$ 13,250,354	$ -	$ -	$ -	$ -
1-Dec-01	276	$ 9,500,000	$ 2,523,962	$ 2,523,962	$ 2,523,962	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 234,297	$ 234,297	$ 234,297	$ -	$ -	$ -	$ -
1-Dec-03	252	Various	$ 430,586	$ 430,586	$ 430,586	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 10,000,000	$ 2,857,039	$ 2,857,039	$ 2,857,039	$ -	$ -	$ -	$ -
1-Dec-05	228	$ 10,000,000	$ 201,210	$ 201,210	$ 201,210	$ -	$ -	$ -	$ -
1-Dec-06	216	$ 10,000,000	$ 653,237	$ 653,237	$ 653,237	$ -	$ -	$ -	$ -
1-Dec-07	204	$ 10,000,000	$ 149,661	$ 149,661	$ 149,661	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 10,000,000	$ 191,753	$ 191,753	$ 191,753	$ -	$ -	$ -	$ -
1-Dec-09	180	$ 10,000,000	$ 6,849,297	$ 6,849,297	$ 6,849,297	$ -	$ -	$ -	$ -
1-Dec-10	168	$ 10,000,000	$ 834,347	$ 834,347	$ 834,347	$ -	$ -	$ -	$ -
1-Dec-11	156	$ 10,000,000	$ 445,189	$ 445,189	$ 445,189	$ -	$ -	$ -	$ -
1-Dec-12	144	Various	$ 302,494	$ 302,494	$ 302,494	$ -	$ -	$ -	$ -
1-Dec-13	132	$ 15,000,000	$ 2,935,696	$ 2,935,696	$ 2,935,696	$ -	$ -	$ -	$ -
1-Dec-14	120	$ 15,000,000	$ 309,188	$ 309,188	$ 309,188	$ -	$ -	$ -	$ -
1-Dec-15	108	$ 15,000,000	$ 1,519,883	$ 1,519,883	$ 1,519,883	$ -	$ -	$ -	$ -
1-Dec-16	96	$ 15,000,000	$ 1,529,308	$ 1,529,308	$ 1,529,308	$ -	$ -	$ -	$ -
1-Dec-17	84	Various	$ 8,780,000	$ 8,768,035	$ 8,759,129	$ 8,906	$ 11,965	$ 20,871	$ 20,456
1-Dec-18	72	$ 20,000,000	$ 1,290,000	$ 1,286,610	$ 1,253,672	$ 32,938	$ 3,390	$ 36,328	$ 35,452
1-Dec-19	60	Various	$ 280,000	$ 233,863	$ 208,863	$ 25,000	$ 46,137	$ 71,137	$ 68,690
1-Dec-20	48	$ 30,000,000	$ 900,000	$ 848,638	$ 848,638	$ -	$ 51,362	$ 51,362	$ 49,251
1-Dec-21	36	$ 30,000,000	$ 750,000	$ 430,117	$ 230,117	$ 200,000	$ 319,883	$ 519,883	$ 496,695
1-Dec-22	24	$ 30,000,000	$ 980,000	$ 179,304	$ 104,304	$ 75,000	$ 800,696	$ 875,696	$ 826,566
1-Dec-23	12	$ 30,000,000	$ 2,920,000	$ 1,573,318	$ 23,318	$ 1,550,000	$ 1,346,682	$ 2,896,682	$ 2,698,225
Total			$ 51,117,503	$ 48,537,388	$ 46,645,544	$ 1,891,844	$ 2,580,115	$ 4,471,959	$ 4,195,335

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 13,250,354	1.000	$ 13,250,354	$ 13,250,354	1.000	$ 13,250,354	$ -	1.000	$ 13,250,354
1-Dec-01	276	$ 2,523,962	1.000	$ 2,523,962	$ 2,523,962	1.000	$ 2,523,962	$ -	1.000	$ 2,523,962
1-Dec-02	264	$ 234,297	1.000	$ 234,297	$ 234,297	1.000	$ 234,297	$ -	1.000	$ 234,297
1-Dec-03	252	$ 430,586	1.000	$ 430,586	$ 430,586	1.000	$ 430,586	$ -	1.000	$ 430,586
1-Dec-04	240	$ 2,857,039	1.000	$ 2,857,039	$ 2,857,039	1.000	$ 2,857,039	$ -	1.000	$ 2,857,039
1-Dec-05	228	$ 201,210	1.000	$ 201,210	$ 201,210	1.000	$ 201,210	$ -	1.000	$ 201,210
1-Dec-06	216	$ 653,237	1.000	$ 653,237	$ 653,237	1.000	$ 653,237	$ -	1.000	$ 653,237
1-Dec-07	204	$ 149,661	1.000	$ 149,661	$ 149,661	1.000	$ 149,661	$ -	1.000	$ 149,661
1-Dec-08	192	$ 191,753	1.000	$ 191,753	$ 191,753	1.000	$ 191,753	$ -	1.000	$ 191,753
1-Dec-09	180	$ 6,849,297	1.000	$ 6,849,297	$ 6,849,297	1.000	$ 6,849,297	$ -	1.000	$ 6,849,297
1-Dec-10	168	$ 834,347	1.000	$ 834,347	$ 834,347	1.000	$ 834,347	$ -	1.000	$ 834,347
1-Dec-11	156	$ 445,189	1.000	$ 445,189	$ 445,189	1.000	$ 445,189	$ -	1.000	$ 445,189
1-Dec-12	144	$ 302,494	1.000	$ 302,494	$ 302,494	1.000	$ 302,494	$ -	1.000	$ 302,494
1-Dec-13	132	$ 2,935,696	1.000	$ 2,935,696	$ 2,935,696	1.000	$ 2,935,696	$ -	1.000	$ 2,935,696
1-Dec-14	120	$ 309,188	1.000	$ 309,188	$ 309,188	1.000	$ 309,188	$ -	1.000	$ 309,188
1-Dec-15	108	$ 1,519,883	1.000	$ 1,519,883	$ 1,519,883	1.000	$ 1,519,883	$ -	1.000	$ 1,519,883
1-Dec-16	96	$ 1,529,308	1.000	$ 1,529,308	$ 1,529,308	1.000	$ 1,529,308	$ -	1.000	$ 1,529,308
1-Dec-17	84	$ 8,768,035	1.000	$ 8,768,035	$ 8,759,129	1.002	$ 8,777,132	$ 8,906	1.000	$ 8,768,035
1-Dec-18	72	$ 1,286,610	1.003	$ 1,290,882	$ 1,253,672	1.019	$ 1,277,641	$ 32,938	1.214	$ 1,293,664
1-Dec-19	60	$ 233,863	1.011	$ 236,473	$ 208,863	1.059	$ 221,179	$ 25,000	1.247	$ 240,042
1-Dec-20	48	$ 848,638	1.042	$ 884,157	$ 848,638	1.160	$ 984,508	$ -	1.411	$ 848,638
1-Dec-21	36	$ 430,117	1.182	$ 508,402	$ 230,117	1.491	$ 343,084	$ 200,000	1.878	$ 605,810
1-Dec-22	24	$ 179,304	1.551	$ 278,105	$ 104,304	2.309	$ 240,804	$ 75,000	2.679	$ 305,235
1-Dec-23	12	$ 1,573,318	3.239	$ 5,095,441	$ 23,318	6.925	$ 161,476	$ 1,550,000	5.205	$ 8,091,784
Total		$ 48,537,388		$ 52,278,998	$ 46,645,544		$ 47,223,327	$ 1,891,844		$ 55,370,711

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Number of Vehicles	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-10	168	$ 834,347	1.504	1.051	$ 1,318,541	2,071	1.000	719	$ 942,134	$ 834,347
1-Dec-11	156	$ 445,189	1.453	1.051	$ 679,927	1,837	1.000	790	$ 950,473	$ 445,189
1-Dec-12	144	$ 302,494	1.407	1.001	$ 425,909	1,892	1.000	893	$ 1,200,191	$ 302,494
1-Dec-13	132	$ 2,935,696	1.367	1.001	$ 4,017,833	1,921	1.000	1052	$ 1,476,813	$ 2,935,696
1-Dec-14	120	$ 309,188	1.336	1.001	$ 413,505	2,022	1.000	1098	$ 1,659,863	$ 309,188
1-Dec-15	108	$ 1,519,883	1.306	1.001	$ 1,986,904	1,915	1.000	1235	$ 1,809,734	$ 1,519,883
1-Dec-16	96	$ 1,529,308	1.262	1.001	$ 1,931,324	1,773	1.000	1394	$ 1,957,389	$ 1,529,308
1-Dec-17	84	$ 8,768,035	1.226	1.000	$ 10,754,741	1,847	1.000	1588	$ 2,390,620	$ 8,768,035
1-Dec-18	72	$ 1,286,610	1.202	1.000	$ 1,546,915	1,903	1.003	1359	$ 2,151,608	$ 1,293,730
1-Dec-19	60	$ 233,863	1.175	1.000	$ 274,831	1,800	1.011	1168	$ 1,788,563	$ 253,601
1-Dec-20	48	$ 848,638	1.137	1.000	$ 964,872	1,744	1.042	1061	$ 1,626,821	$ 913,991
1-Dec-21	36	$ 430,117	1.086	1.000	$ 467,269	1,769	1.182	987	$ 1,606,819	$ 677,541
1-Dec-22	24	$ 179,304	1.039	1.000	$ 186,329	1,764	1.551	975	$ 1,655,663	$ 767,505
1-Dec-23	12	$ 1,573,318	1.000	1.000	$ 1,573,318	1,825	3.239	1061	$ 1,936,711	$ 2,912,031
Total		$ 21,195,990			$ 26,542,218	$ 26,083			$ 23,153,405	$ 23,462,539

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Automobile Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Number of Vehicles	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-10	168	$ 834,347	1.504	1.051	$ 1,318,541	2,071	1.000	717	$ 939,288	$ 834,347
1-Dec-11	156	$ 445,189	1.453	1.051	$ 679,927	1,837	1.000	788	$ 947,911	$ 445,189
1-Dec-12	144	$ 302,494	1.407	1.001	$ 425,909	1,892	1.000	891	$ 1,197,816	$ 302,494
1-Dec-13	132	$ 2,935,696	1.367	1.001	$ 4,017,833	1,921	1.000	1052	$ 1,476,115	$ 2,935,696
1-Dec-14	120	$ 309,188	1.336	1.001	$ 413,505	2,022	1.000	1098	$ 1,659,883	$ 309,188
1-Dec-15	108	$ 1,519,883	1.306	1.001	$ 1,986,904	1,915	1.000	1238	$ 1,813,666	$ 1,519,883
1-Dec-16	96	$ 1,529,308	1.262	1.001	$ 1,931,324	1,773	1.000	1402	$ 1,968,394	$ 1,529,308
1-Dec-17	84	$ 8,759,129	1.226	1.000	$ 10,743,818	1,847	1.002	1605	$ 2,417,446	$ 8,764,087
1-Dec-18	72	$ 1,253,672	1.202	1.000	$ 1,507,313	1,903	1.019	1373	$ 2,173,336	$ 1,294,445
1-Dec-19	60	$ 208,863	1.175	1.000	$ 245,451	1,800	1.059	1174	$ 1,798,384	$ 309,002
1-Dec-20	48	$ 848,638	1.137	1.000	$ 964,872	1,744	1.160	1055	$ 1,618,958	$ 1,072,066
1-Dec-21	36	$ 230,117	1.086	1.000	$ 249,994	1,769	1.491	951	$ 1,548,204	$ 739,894
1-Dec-22	24	$ 104,304	1.039	1.000	$ 108,391	1,764	2.309	890	$ 1,510,412	$ 960,482
1-Dec-23	12	$ 23,318	1.000	1.000	$ 23,318	1,825	6.925	869	$ 1,585,171	$ 1,379,582
Total		$ 19,304,146			$ 24,617,100	$ 26,083			$ 22,654,984	$ 22,395,665

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Automobile Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	1,054	1.000	1,054	1.000	$ 12,571	$ 12,571	0	$ 12,671	$ 13,250,354
1-Dec-01	276	112	1.000	112	1.000	$ 22,535	$ 22,535	0	$ 13,067	$ 2,523,962
1-Dec-02	264	74	1.000	74	1.000	$ 3,166	$ 3,166	0	$ 13,138	$ 234,297
1-Dec-03	252	111	1.000	111	1.000	$ 3,879	$ 3,879	0	$ 13,549	$ 430,586
1-Dec-04	240	91	1.000	91	1.000	$ 31,396	$ 31,396	0	$ 14,552	$ 2,857,039
1-Dec-05	228	82	1.000	82	1.000	$ 2,454	$ 2,454	0	$ 14,457	$ 201,210
1-Dec-06	216	92	1.000	92	1.000	$ 7,100	$ 7,100	0	$ 15,101	$ 653,237
1-Dec-07	204	71	1.000	71	1.000	$ 2,108	$ 2,108	0	$ 16,541	$ 149,661
1-Dec-08	192	60	1.000	60	1.000	$ 3,196	$ 3,196	0	$ 19,219	$ 191,753
1-Dec-09	180	62	1.000	62	1.000	$ 110,473	$ 110,473	0	$ 23,343	$ 6,849,297
1-Dec-10	168	88	1.000	88	1.000	$ 9,481	$ 9,481	0	$ 22,112	$ 834,347
1-Dec-11	156	75	1.000	75	1.000	$ 5,936	$ 5,936	0	$ 21,695	$ 445,189
1-Dec-12	144	58	1.000	58	1.000	$ 5,215	$ 5,215	0	$ 23,626	$ 302,494
1-Dec-13	132	86	1.000	86	1.000	$ 34,136	$ 34,136	0	$ 25,743	$ 2,935,696
1-Dec-14	120	62	1.000	62	1.000	$ 4,987	$ 4,987	0	$ 27,006	$ 309,188
1-Dec-15	108	70	1.000	70	1.000	$ 21,713	$ 21,713	0	$ 30,285	$ 1,519,883
1-Dec-16	96	53	1.000	53	1.000	$ 28,855	$ 28,855	0	$ 35,387	$ 1,529,308
1-Dec-17	84	61	1.000	61	1.000	$ 143,738	$ 143,738	0	$ 41,796	$ 8,768,035
1-Dec-18	72	61	1.000	61	1.003	$ 21,092	$ 21,162	0	$ 38,168	$ 1,290,882
1-Dec-19	60	35	1.000	35	1.011	$ 6,682	$ 6,756	0	$ 35,436	$ 236,473
1-Dec-20	48	32	1.000	32	1.042	$ 26,520	$ 27,630	0	$ 34,104	$ 884,157
1-Dec-21	36	57	1.000	57	1.182	$ 7,546	$ 8,919	0	$ 32,834	$ 508,402
1-Dec-22	24	49	1.005	49	1.543	$ 3,659	$ 5,647	0	$ 33,873	$ 276,722
1-Dec-23	12	47	1.142	54	2.836	$ 33,475	$ 94,930	7	$ 38,021	$ 4,727,878
Total		2,643		2,650				7		$ 51,910,051

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-10	$ 10,000,000	$ 834,347	1.000	714	1.051	679	$ 1,406,062	0.000	$ -	$ 834,347
1-Dec-11	$ 10,000,000	$ 445,189	1.000	738	1.051	703	$ 1,290,514	0.000	$ -	$ 445,189
1-Dec-12	Various	$ 302,494	1.000	763	1.001	762	$ 1,441,758	0.000	$ -	$ 302,494
1-Dec-13	$ 15,000,000	$ 2,935,696	1.000	785	1.001	784	$ 1,505,976	0.000	$ -	$ 2,935,696
1-Dec-14	$ 15,000,000	$ 309,188	1.000	803	1.001	802	$ 1,622,162	0.000	$ -	$ 309,188
1-Dec-15	$ 15,000,000	$ 1,519,883	1.000	821	1.001	821	$ 1,571,713	0.000	$ -	$ 1,519,883
1-Dec-16	$ 15,000,000	$ 1,529,308	1.000	850	1.001	850	$ 1,506,329	0.000	$ -	$ 1,529,308
1-Dec-17	Various	$ 8,768,035	1.000	875	1.000	875	$ 1,615,625	0.000	$ -	$ 8,768,035
1-Dec-18	$ 20,000,000	$ 1,286,610	1.003	893	1.000	892	$ 1,698,207	0.003	$ 5,619	$ 1,292,230
1-Dec-19	Various	$ 233,863	1.011	913	1.000	913	$ 1,643,540	0.011	$ 18,138	$ 252,001
1-Dec-20	$ 30,000,000	$ 848,638	1.042	944	1.000	944	$ 1,645,854	0.040	$ 66,118	$ 914,756
1-Dec-21	$ 30,000,000	$ 430,117	1.182	988	1.000	988	$ 1,747,102	0.154	$ 269,025	$ 699,142
1-Dec-22	$ 30,000,000	$ 179,304	1.551	1,032	1.000	1,032	$ 1,821,290	0.355	$ 647,042	$ 826,347
1-Dec-23	$ 30,000,000	$ 1,573,318	3.239	1,073	1.000	1,073	$ 1,958,097	0.691	$ 1,353,496	$ 2,926,814
Total		$ 21,195,990					$ 22,474,229		$ 2,359,438	$ 23,555,428

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Vehicles) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-10	$ 10,000,000	$ 834,347	1.000	714	1.051	679	$ 1,406,062	0.000	$ -	$ 834,347
1-Dec-11	$ 10,000,000	$ 445,189	1.000	738	1.051	703	$ 1,290,514	0.000	$ -	$ 445,189
1-Dec-12	Various	$ 302,494	1.000	763	1.001	762	$ 1,441,758	0.000	$ -	$ 302,494
1-Dec-13	$ 15,000,000	$ 2,935,696	1.000	785	1.001	784	$ 1,505,976	0.000	$ -	$ 2,935,696
1-Dec-14	$ 15,000,000	$ 309,188	1.000	803	1.001	802	$ 1,622,162	0.000	$ -	$ 309,188
1-Dec-15	$ 15,000,000	$ 1,519,883	1.000	821	1.001	821	$ 1,571,713	0.000	$ -	$ 1,519,883
1-Dec-16	$ 15,000,000	$ 1,529,308	1.000	850	1.001	850	$ 1,506,329	0.000	$ -	$ 1,529,308
1-Dec-17	Various	$ 8,759,129	1.002	875	1.000	875	$ 1,615,625	0.002	$ 3,314	$ 8,762,443
1-Dec-18	$ 20,000,000	$ 1,253,672	1.019	893	1.000	892	$ 1,698,207	0.019	$ 31,859	$ 1,285,531
1-Dec-19	Various	$ 208,863	1.059	913	1.000	913	$ 1,643,540	0.056	$ 91,517	$ 300,380
1-Dec-20	$ 30,000,000	$ 848,638	1.160	944	1.000	944	$ 1,645,854	0.138	$ 227,140	$ 1,075,778
1-Dec-21	$ 30,000,000	$ 230,117	1.491	988	1.000	988	$ 1,747,102	0.329	$ 575,269	$ 805,385
1-Dec-22	$ 30,000,000	$ 104,304	2.309	1,032	1.000	1,032	$ 1,821,290	0.567	$ 1,032,399	$ 1,136,703
1-Dec-23	$ 30,000,000	$ 23,318	6.925	1,073	1.000	1,073	$ 1,958,097	0.856	$ 1,675,338	$ 1,698,656
Total		$ 19,304,146					$ 22,474,229		$ 3,636,836	$ 22,940,983

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Vehicles) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1) Policy Period Inception	(2) Incurred LDF's Unlimited	(3) Incurred LDF's Limited	(4) Paid LDF's Unlimited	(5) Paid LDF's Limited	(6) Claim CDF	(7) Trend Factors Loss	(8) Trend Factors Exposure	(9) Number of Vehicles
Prior	1.000	1.000	1.000	1.000	1.000	2.219	1.000	-
1-Dec-01	1.000	1.000	1.000	1.000	1.000	2.161	1.000	2,283
1-Dec-02	1.000	1.000	1.000	1.000	1.000	2.060	1.000	2,283
1-Dec-03	1.000	1.000	1.000	1.000	1.000	1.992	1.000	1,997
1-Dec-04	1.000	1.000	1.000	1.000	1.000	1.915	1.000	1,997
1-Dec-05	1.000	1.000	1.000	1.000	1.000	1.844	1.000	1,780
1-Dec-06	1.000	1.000	1.000	1.000	1.000	1.772	1.000	-
1-Dec-07	1.000	1.000	1.000	1.000	1.000	1.697	1.000	-
1-Dec-08	1.000	1.000	1.000	1.000	1.000	1.629	1.000	-
1-Dec-09	1.000	1.000	1.000	1.000	1.000	1.567	1.000	-
1-Dec-10	1.000	1.000	1.000	1.000	1.000	1.504	1.000	2,071
1-Dec-11	1.000	1.000	1.000	1.000	1.000	1.453	1.000	1,837
1-Dec-12	1.000	1.000	1.000	1.000	1.000	1.407	1.000	1,892
1-Dec-13	1.000	1.000	1.000	1.000	1.000	1.367	1.000	1,921
1-Dec-14	1.000	1.000	1.000	1.000	1.000	1.336	1.000	2,022
1-Dec-15	1.000	1.000	1.000	1.000	1.000	1.306	1.000	1,915
1-Dec-16	1.000	1.000	1.000	1.000	1.000	1.262	1.000	1,773
1-Dec-17	1.000	1.000	1.002	1.002	1.000	1.226	1.000	1,847
1-Dec-18	1.003	1.003	1.020	1.019	1.000	1.202	1.000	1,903
1-Dec-19	1.011	1.011	1.061	1.059	1.000	1.175	1.000	1,800
1-Dec-20	1.043	1.042	1.165	1.160	1.000	1.137	1.000	1,744
1-Dec-21	1.187	1.182	1.505	1.491	1.000	1.086	1.000	1,769
1-Dec-22	1.567	1.551	2.348	2.309	1.005	1.039	1.000	1,764
1-Dec-23	3.304	3.239	7.110	6.925	1.142	1.000	1.000	1,825

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**1118**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends
Column (8) : Flat 0.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Limited Loss Calculations

(1) Policy Period Inception	(2) Unlimited Incurred	(3) Unlimited Paid	(4) Unlimited Case O/S	(5) Retention	(6) Claims valued over the Retention No.	(7) Claims valued over the Retention Incurred	(8) Claims valued over the Retention No.	(9) Claims valued over the Retention Paid	(10) Limited Incurred	(11) Limited Paid	(12) Limited Case O/S
Prior	$ 13,250,354	$ 13,250,354	$ -	Various	-	$ -	-	$ -	$ 13,250,354	$ 13,250,354	$ -
1-Dec-01	$ 2,523,962	$ 2,523,962	$ -	$ 9,500,000	-	$ -	-	$ -	$ 2,523,962	$ 2,523,962	$ -
1-Dec-02	$ 234,297	$ 234,297	$ -	$ 9,500,000	-	$ -	-	$ -	$ 234,297	$ 234,297	$ -
1-Dec-03	$ 430,586	$ 430,586	$ -	Various	-	$ -	-	$ -	$ 430,586	$ 430,586	$ -
1-Dec-04	$ 2,857,039	$ 2,857,039	$ -	$ 10,000,000	-	$ -	-	$ -	$ 2,857,039	$ 2,857,039	$ -
1-Dec-05	$ 201,210	$ 201,210	$ -	$ 10,000,000	-	$ -	-	$ -	$ 201,210	$ 201,210	$ -
1-Dec-06	$ 653,237	$ 653,237	$ -	$ 10,000,000	-	$ -	-	$ -	$ 653,237	$ 653,237	$ -
1-Dec-07	$ 149,661	$ 149,661	$ -	$ 10,000,000	-	$ -	-	$ -	$ 149,661	$ 149,661	$ -
1-Dec-08	$ 191,753	$ 191,753	$ -	$ 10,000,000	-	$ -	-	$ -	$ 191,753	$ 191,753	$ -
1-Dec-09	$ 6,849,297	$ 6,849,297	$ -	$ 10,000,000	-	$ -	-	$ -	$ 6,849,297	$ 6,849,297	$ -
1-Dec-10	$ 834,347	$ 834,347	$ -	$ 10,000,000	-	$ -	-	$ -	$ 834,347	$ 834,347	$ -
1-Dec-11	$ 445,189	$ 445,189	$ -	$ 10,000,000	-	$ -	-	$ -	$ 445,189	$ 445,189	$ -
1-Dec-12	$ 302,494	$ 302,494	$ -	Various	-	$ -	-	$ -	$ 302,494	$ 302,494	$ -
1-Dec-13	$ 2,935,696	$ 2,935,696	$ -	$ 15,000,000	-	$ -	-	$ -	$ 2,935,696	$ 2,935,696	$ -
1-Dec-14	$ 309,188	$ 309,188	$ -	$ 15,000,000	-	$ -	-	$ -	$ 309,188	$ 309,188	$ -
1-Dec-15	$ 1,519,883	$ 1,519,883	$ -	$ 15,000,000	-	$ -	-	$ -	$ 1,519,883	$ 1,519,883	$ -
1-Dec-16	$ 1,529,308	$ 1,529,308	$ -	$ 15,000,000	-	$ -	-	$ -	$ 1,529,308	$ 1,529,308	$ -
1-Dec-17	$ 8,768,035	$ 8,759,129	$ 8,906	Various	-	$ -	-	$ -	$ 8,768,035	$ 8,759,129	$ 8,906
1-Dec-18	$ 1,286,610	$ 1,253,672	$ 32,938	$ 20,000,000	-	$ -	-	$ -	$ 1,286,610	$ 1,253,672	$ 32,938
1-Dec-19	$ 233,863	$ 208,863	$ 25,000	Various	-	$ -	-	$ -	$ 233,863	$ 208,863	$ 25,000
1-Dec-20	$ 848,638	$ 848,638	$ -	$ 30,000,000	-	$ -	-	$ -	$ 848,638	$ 848,638	$ -
1-Dec-21	$ 430,117	$ 230,117	$ 200,000	$ 30,000,000	-	$ -	-	$ -	$ 430,117	$ 230,117	$ 200,000
1-Dec-22	$ 179,304	$ 104,304	$ 75,000	$ 30,000,000	-	$ -	-	$ -	$ 179,304	$ 104,304	$ 75,000
1-Dec-23	$ 1,573,318	$ 23,318	$ 1,550,000	$ 30,000,000	-	$ -	-	$ -	$ 1,573,318	$ 23,318	$ 1,550,000
Total	$ 48,537,388	$ 46,645,544	$ 1,891,844		-	$ -	-	$ -	$ 48,537,388	$ 46,645,544	$ 1,891,844

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]
Column (12) : Column (10) - Column (11)

AON

Exhibit 11

Cook County, Illinois
Automobile Liability

Automobile Liability Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Number of Vehicles	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-10	2,071	88	1.000	88	1.000	88	4.24915%		88	88	4.24915%
1-Dec-11	1,837	75	1.000	75	1.000	75	4.08274%		75	75	4.08274%
1-Dec-12	1,892	58	1.000	58	1.000	58	3.06554%		58	58	3.06554%
1-Dec-13	1,921	86	1.000	86	1.000	86	4.47683%		86	86	4.47683%
1-Dec-14	2,022	62	1.000	62	1.000	62	3.06627%		62	62	3.06627%
1-Dec-15	1,915	70	1.000	70	1.000	70	3.65535%		70	70	3.65535%
1-Dec-16	1,773	53	1.000	53	1.000	53	2.98928%		53	53	2.98928%
1-Dec-17	1,847	61	1.000	61	1.000	61	3.30265%		61	61	3.30265%
1-Dec-18	1,903	61	1.000	61	1.000	61	3.20547%		61	61	3.20547%
1-Dec-19	1,800	35	1.000	35	1.000	35	1.94426%		35	35	1.94426%
1-Dec-20	1,744	32	1.000	32	1.000	32	1.83477%		32	32	1.83477%
1-Dec-21	1,769	57	1.000	57	1.000	57	3.22216%		57	57	3.22216%
1-Dec-22	1,764	49	1.005	49	1.000	49	2.79167%		49	49	2.79167%
1-Dec-23	1,825	47	1.142	54	1.000	54	2.94113%		54	54	2.94113%
Total	26,083	834		841		841	3.22399%		841	841	3.22399%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	8,902	227	2.54902%	227	2.54902%
Last 3 Policies	5,358	160	2.98471%	160	2.98471%
Last 2 Policies	3,589	103	2.86767%	103	2.86767%
Last 14 Policies	26,083	841	3.22399%	841	3.22399%

Selected Bornhuetter-Ferguson Frequency Rate	**2.98471%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	1.000
Selected Frequency Rate adjusted to the Renewal Policy Period Level	2.98471%
Vehicles for 1-Dec-24	1,989
Projected Count for 1-Dec-24	59

AON

Exhibit 12

Cook County, Illinois
Automobile Liability
Automobile Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period Inception	(1) Incurred Loss	(2) Selected Ultimate Loss	(3) Loss Trend Factor	(4) Retention Adjustment Factor	(5) Trended Ultimate Loss	(6) Number of Vehicles	(7) Exposure Trend Factor	(8) Trended Number of Vehicles	(9) Trended Loss Rate
1-Dec-10	834,347	834,347	1.567	1.051	1,373,910	2,071	1.000	2,071	663
1-Dec-11	445,189	445,189	1.514	1.051	708,479	1,837	1.000	1,837	386
1-Dec-12	302,494	302,494	1.466	1.001	443,794	1,892	1.000	1,892	235
1-Dec-13	2,935,696	2,935,696	1.425	1.001	4,186,552	1,921	1.000	1,921	2,179
1-Dec-14	309,188	309,188	1.392	1.001	430,869	2,022	1.000	2,022	213
1-Dec-15	1,519,883	1,519,883	1.361	1.001	2,070,339	1,915	1.000	1,915	1,081
1-Dec-16	1,529,308	1,529,308	1.315	1.001	2,012,426	1,773	1.000	1,773	1,135
1-Dec-17	8,768,035	8,780,000	1.278	1.000	11,221,652	1,847	1.000	1,847	6,076
1-Dec-18	1,286,610	1,290,000	1.252	1.000	1,616,121	1,903	1.000	1,903	849
1-Dec-19	233,863	280,000	1.225	1.000	342,868	1,800	1.000	1,800	190
1-Dec-20	848,638	900,000	1.185	1.000	1,066,238	1,744	1.000	1,744	611
1-Dec-21	430,117	750,000	1.132	1.000	848,998	1,769	1.000	1,769	480
1-Dec-22	179,304	980,000	1.083	1.000	1,061,161	1,764	1.000	1,764	602
1-Dec-23	1,573,318	2,920,000	1.042	1.000	3,042,618	1,825	1.000	1,825	1,667
All Year Weighted Average					30,426,025			26,083	1,167
Latest 5-Year Weighted Average					6,361,883			8,902	715
Latest 3-Year Weighted Average					4,952,777			5,358	924
SELECTED									**1,118**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Automobile Liability
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Number of Vehicles	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	30,000,000	1,989	59	1,118	2,220,000
1-Dec-25	30,000,000	1,982	59	1,160	2,300,000
1-Dec-26	30,000,000	1,986	59	1,204	2,390,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Automobile Liability

Average : $19,702 sigma = 2.565
CV : 26.80 mu = 6.599

Limitation of Incurred LDF's for Automobile Liability

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	9,500,000	3.691	1.126	1.000	0.870	18,201	9,500,000	3.691	1.126	1.000	0.870	18,201	1.000
276	1.000	1.000	9,500,000	3.691	1.126	1.000	0.870	18,201	9,500,000	3.691	1.126	1.000	0.870	18,201	1.000
264	1.000	1.000	9,500,000	3.691	1.126	1.000	0.870	18,201	9,500,000	3.691	1.126	1.000	0.870	18,201	1.000
252	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
240	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
228	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
216	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
204	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
192	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
180	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
168	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
156	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
144	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
132	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
120	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
108	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
96	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
84	1.000	1.000	20,000,000	3.982	1.417	1.000	0.922	18,844	20,000,000	3.982	1.417	1.000	0.922	18,844	1.000
72	1.003	1.000	20,000,000	3.982	1.417	1.000	0.922	18,844	20,068,906	3.983	1.418	1.000	0.922	18,847	1.003
60	1.011	1.000	30,000,000	4.140	1.575	1.000	0.942	19,088	30,344,185	4.144	1.579	1.000	0.943	19,094	1.011
48	1.043	1.000	30,000,000	4.140	1.575	1.000	0.942	19,088	31,291,080	4.156	1.591	1.000	0.944	19,110	1.042
36	1.187	1.000	30,000,000	4.140	1.575	1.000	0.942	19,088	35,616,969	4.207	1.642	1.000	0.950	19,172	1.182
24	1.567	1.005	30,000,000	4.140	1.575	1.000	0.942	19,088	46,780,496	4.313	1.748	1.000	0.960	19,286	1.551
12	3.304	1.142	30,000,000	4.140	1.575	1.000	0.942	19,088	86,781,113	4.554	1.989	1.000	0.977	19,470	3.239

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Automobile Liability

Average : $19,702 sigma = 2.565
CV : 26.80 mu = 6.599

Limitation of Paid LDF's for Automobile Liability

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	9,500,000	3.691	1.126	1.000	0.870	18,201	9,500,000	3.691	1.126	1.000	0.870	18,201	1.000
276	1.000	1.000	9,500,000	3.691	1.126	1.000	0.870	18,201	9,500,000	3.691	1.126	1.000	0.870	18,201	1.000
264	1.000	1.000	9,500,000	3.691	1.126	1.000	0.870	18,201	9,500,000	3.691	1.126	1.000	0.870	18,201	1.000
252	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
240	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
228	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
216	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
204	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
192	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
180	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
168	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
156	1.000	1.000	10,000,000	3.711	1.146	1.000	0.874	18,254	10,000,000	3.711	1.146	1.000	0.874	18,254	1.000
144	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
132	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
120	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
108	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
96	1.000	1.000	15,000,000	3.869	1.305	1.000	0.904	18,628	15,000,000	3.869	1.305	1.000	0.904	18,628	1.000
84	1.002	1.000	20,000,000	3.982	1.417	1.000	0.922	18,844	20,042,657	3.982	1.418	1.000	0.922	18,846	1.002
72	1.020	1.000	20,000,000	3.982	1.417	1.000	0.922	18,844	20,396,839	3.989	1.424	1.000	0.923	18,858	1.019
60	1.061	1.000	30,000,000	4.140	1.575	1.000	0.942	19,088	31,819,070	4.163	1.598	1.000	0.945	19,118	1.059
48	1.165	1.000	30,000,000	4.140	1.575	1.000	0.942	19,088	34,940,580	4.199	1.634	1.000	0.949	19,163	1.160
36	1.505	1.000	30,000,000	4.140	1.575	1.000	0.942	19,088	45,160,699	4.299	1.734	1.000	0.959	19,273	1.491
24	2.348	1.005	30,000,000	4.140	1.575	1.000	0.942	19,088	70,103,626	4.471	1.906	1.000	0.972	19,417	2.309
12	7.110	1.142	30,000,000	4.140	1.575	1.000	0.942	19,088	186,768,162	4.853	2.288	1.000	0.989	19,597	6.925

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Automobile Liability
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid	Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	180	100.0%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	168	100.0%	180	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	156	100.0%	168	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	144	100.0%	156	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-13	132	100.0%	144	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-14	120	100.0%	132	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-15	108	100.0%	120	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-16	96	100.0%	108	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-17	84	99.8%	96	100.0%	$ 20,871	$ 8,906	$ 11,965	1.000	$ 11,965
1-Dec-18	72	98.1%	84	99.8%	$ 36,328	$ 32,356	$ 3,972	0.980	$ 3,893
1-Dec-19	60	94.3%	72	98.1%	$ 71,137	$ 46,949	$ 24,187	0.976	$ 23,604
1-Dec-20	48	85.9%	60	94.4%	$ 51,362	$ 30,638	$ 20,723	0.966	$ 20,011
1-Dec-21	36	66.4%	48	86.2%	$ 519,883	$ 301,984	$ 217,899	0.959	$ 208,946
1-Dec-22	24	42.6%	36	67.1%	$ 875,696	$ 367,024	$ 508,672	0.955	$ 485,983
1-Dec-23	12	14.1%	24	43.3%	$ 2,896,682	$ 977,567	$ 1,919,115	0.944	$ 1,811,446
1-Dec-24	0	0.0%	12	14.4%	$ 2,220,000	$ 320,579	$ 1,899,421	0.931	$ 1,769,288
Total					$ 6,691,959	$ 2,086,004	$ 4,605,955		$ 4,335,137

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Automobile Liability
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid	Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	180	100.0%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	168	100.0%	180	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	156	100.0%	168	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-13	144	100.0%	156	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-14	132	100.0%	144	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-15	120	100.0%	132	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-16	108	100.0%	120	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-17	96	100.0%	108	100.0%	$ 11,965	$ -	$ 11,965	1.000	$ 11,965
1-Dec-18	84	99.8%	96	100.0%	$ 3,972	$ 3,972	$ (0)	1.000	$ (0)
1-Dec-19	72	98.1%	84	99.8%	$ 24,187	$ 21,543	$ 2,645	0.980	$ 2,592
1-Dec-20	60	94.4%	72	98.1%	$ 20,723	$ 13,677	$ 7,046	0.976	$ 6,876
1-Dec-21	48	86.2%	60	94.4%	$ 217,899	$ 129,982	$ 87,917	0.966	$ 84,894
1-Dec-22	36	67.1%	48	86.2%	$ 508,672	$ 295,472	$ 213,200	0.959	$ 204,440
1-Dec-23	24	43.3%	36	67.1%	$ 1,919,115	$ 804,345	$ 1,114,770	0.955	$ 1,065,047
1-Dec-24	12	14.4%	24	43.3%	$ 1,899,421	$ 641,013	$ 1,258,408	0.944	$ 1,187,807
1-Dec-25	0	0.0%	12	14.4%	$ 2,300,000	$ 332,131	$ 1,967,869	0.931	$ 1,833,046
Total					$ 6,905,955	$ 2,242,135	$ 4,663,820		$ 4,396,668

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Automobile Liability
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid	Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	100.0%	324	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-01	300	100.0%	312	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-02	288	100.0%	300	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-03	276	100.0%	288	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-04	264	100.0%	276	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-05	252	100.0%	264	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-06	240	100.0%	252	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-07	228	100.0%	240	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-08	216	100.0%	228	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-09	204	100.0%	216	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-10	192	100.0%	204	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-11	180	100.0%	192	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-12	168	100.0%	180	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-13	156	100.0%	168	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-14	144	100.0%	156	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-15	132	100.0%	144	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-16	120	100.0%	132	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-17	108	100.0%	120	100.0%	$ 11,965	$ -	$ 11,965	1.000	$ 11,965
1-Dec-18	96	100.0%	108	100.0%	$ -	$ -	$ -	1.000	$ -
1-Dec-19	84	99.8%	96	100.0%	$ 2,645	$ 2,645	$ (0)	1.000	$ (0)
1-Dec-20	72	98.1%	84	99.8%	$ 7,046	$ 6,276	$ 770	0.980	$ 755
1-Dec-21	60	94.4%	72	98.1%	$ 87,917	$ 58,024	$ 29,893	0.976	$ 29,172
1-Dec-22	48	86.2%	60	94.4%	$ 213,200	$ 127,179	$ 86,021	0.966	$ 83,063
1-Dec-23	36	67.1%	48	86.2%	$ 1,114,770	$ 647,535	$ 467,234	0.959	$ 448,037
1-Dec-24	24	43.3%	36	67.1%	$ 1,258,408	$ 527,428	$ 730,980	0.955	$ 698,376
1-Dec-25	12	14.4%	24	43.3%	$ 1,967,869	$ 664,113	$ 1,303,756	0.944	$ 1,230,611
1-Dec-26	0	0.0%	12	14.4%	$ 2,390,000	$ 345,127	$ 2,044,873	0.931	$ 1,904,774
Total					$ 7,053,820	$ 2,378,327	$ 4,675,493		$ 4,406,754

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)

Cook County, Illinois
Automobile Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	5/28/2001	5,750,000	5,750,000	-
Prior	5/28/2001	3,750,000	3,750,000	-
12/1/2001	8/7/2002	1,500,000	1,500,000	-
12/1/2004	6/4/2005	1,809,767	1,809,767	-
12/1/2009	8/15/2010	6,000,000	6,000,000	-
12/1/2013	12/6/2013	2,500,000	2,500,000	-
12/1/2016	11/28/2017	1,057,654	1,057,654	-
12/1/2017	9/6/2018	8,500,000	8,500,000	-

Aon Proprietary and Confidential

AON

Cook County, Illinois
Automobile Liability
Occurrence
Indemnity and Expense
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior					15,023	31,472	31,179	19,181	15,733	14,932	14,932	14,932	14,932	14,935	14,934	14,934	14,934	14,840	14,938	13,250	13,250	13,250	13,250	13,250
12/1/2001	233	422	1,333	2,188	3,307	5,307	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,524	2,524	2,524	2,524	2,524	2,524	
12/1/2002	246	488	320	238	213	221	213	213	213	213	213	213	213	213	213	213	213	234	234	234	234	234		
12/1/2003	163	361	339	571	505	405	455	385	385	385	385	385	385	397	397	431	431	431	431	431	431			
12/1/2004	277	614	2,824	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,828	2,828	2,857	2,857	2,857	2,857	2,857	2,857				
12/1/2005	204	250	207	171	171	171	171	171	171	171	171	176	176	201	201	201	201	201	201					
12/1/2006	160	263	633	834	834	834	984	634	634	634	624	624	653	653	653	653	653	653						
12/1/2007	91	155	131	122	130	128	128	128	128	132	132	150	150	150	150	150	150							
12/1/2008	132	164	184	173	173	173	175	175	174	174	192	192	192	192	192	192								
12/1/2009	618	381	2,725	6,473	6,973	6,848	6,828	6,830	6,830	6,849	6,849	6,849	6,849	6,849	6,849									
12/1/2010	229	380	514	809	809	809	809	819	834	834	834	834	834	834										
12/1/2011	166	363	762	462	432	432	432	445	445	445	445	445	445											
12/1/2012	213	334	272	282	282	282	302	302	302	302	302	302												
12/1/2013	740	1,306	3,408	2,907	2,907	2,936	2,936	2,936	2,936	2,936	2,936													
12/1/2014	137	242	215	215	239	239	309	309	309	309														
12/1/2015	980	1,331	1,566	1,520	1,520	1,520	1,520	1,520	1,520															
12/1/2016	296	514	621	594	1,529	1,529	1,529	1,529																
12/1/2017	620	4,542	10,490	10,490	8,990	8,968	8,768																	
12/1/2018	118	558	752	1,122	1,157	1,287																		
12/1/2019	58	190	176	234	234																			
12/1/2020	275	413	348	849																				
12/1/2021	133	305	430																					
12/1/2022	38	179																						
12/1/2023	1,573																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior					2.095	0.991	0.615	0.820	0.949	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.994	1.007	0.887	1.000	1.000	1.000	1.000	
12/1/2001	1.813	3.158	1.642	1.511	1.605	0.471	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.011	1.000	1.000	1.000	1.000	1.000		
12/1/2002	1.984	0.656	0.744	0.895	1.035	0.966	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.098	1.000	1.000	1.000	1.000	1.000			
12/1/2003	2.215	0.938	1.685	0.885	0.802	1.123	0.846	1.000	1.000	1.000	1.000	1.000	1.029	1.000	1.086	1.000	1.000	1.000	1.000	1.000				
12/1/2004	2.215	4.596	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.010	1.000	1.000	1.000	1.000	1.000					
12/1/2005	1.229	0.828	0.825	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.030	1.000	1.141	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.645	2.402	1.319	1.000	1.000	1.180	0.644	1.000	1.000	0.984	1.000	1.047	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.704	0.847	0.933	1.061	0.986	1.000	1.000	1.000	1.028	1.000	1.136	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.246	1.123	0.940	1.000	1.000	1.010	1.000	0.994	1.000	1.102	1.000	1.000	1.000	1.000	1.000									
12/1/2009	0.617	7.154	2.376	1.077	0.982	0.997	1.000	1.000	1.003	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.659	1.353	1.574	1.000	1.000	1.000	1.012	1.019	1.000	1.000	1.000	1.000	1.000											
12/1/2011	2.187	2.098	0.606	0.935	1.000	1.000	1.031	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.572	0.814	1.037	1.000	1.000	1.073	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.764	2.610	0.853	1.000	1.010	1.000	1.000	1.000	1.000	1.000														
12/1/2014	1.763	0.887	1.000	1.114	1.000	1.293	1.000	1.000	1.000															
12/1/2015	1.358	1.177	0.971	1.000	1.000	1.000	1.000	1.000																
12/1/2016	1.738	1.208	0.957	2.573	1.000	1.000	1.000																	
12/1/2017	7.328	2.309	1.000	0.857	0.998	0.978																		
12/1/2018	4.744	1.349	1.491	1.031	1.112																			
12/1/2019	3.278	0.926	1.332	1.000																				
12/1/2020	1.502	0.841	2.440																					
12/1/2021	2.300	1.409																						
12/1/2022	4.705																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	2.298	1.842	1.236	1.102	1.086	1.005	0.950	0.990	0.999	1.006	1.013	1.004	1.016	1.001	1.010	1.012	1.001	1.001	0.977	1.000	1.000	1.000	1.000	
3 Yr Average	2.836	1.059	1.755	0.963	1.037	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	3.306	1.367	1.444	1.292	1.022	1.054	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.977	NA	NA	NA	NA	
3 Yr Wtd Average	2.013	1.050	1.728	0.876	1.009	0.983	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	2.647	2.030	1.073	0.962	1.008	0.991	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.920	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	2.300	0.926	1.491	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	3.428	1.228	1.274	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	2.028	1.320	1.117	1.031	1.008	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.470	1.204	1.100	1.052	1.022	1.010	1.005	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001
Initial Selected	2.108	1.320	1.138	1.031	1.008	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.108**	**1.320**	**1.138**	**1.031**	**1.008**	**1.003**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**3.304**	**1.567**	**1.187**	**1.043**	**1.011**	**1.003**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests AL COMM

AON

Cook County, Illinois
Automobile Liability
Occurrence
Indemnity and Expense
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior					4,682	11,069	11,154	11,179	11,181	11,182	11,182	14,932	14,932	14,932	14,934	14,934	14,934	14,840	14,938	13,250	13,250	13,250	13,250	13,250
12/1/2001	32	143	181	217	857	857	2,497	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,498	2,524	2,524	2,524	2,524	2,524	2,524	
12/1/2002	23	76	125	178	213	213	213	213	213	213	213	213	213	213	213	213	234	234	234	234	234	234		
12/1/2003	50	141	246	256	355	355	355	385	385	385	385	385	385	397	397	431	431	431	431	431	431			
12/1/2004	61	159	353	2,333	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,828	2,828	2,857	2,857	2,857	2,857	2,857	2,857				
12/1/2005	61	136	164	171	171	171	171	171	171	171	171	176	176	201	201	201	201	201	201					
12/1/2006	33	96	200	234	234	234	234	634	634	634	624	624	653	653	653	653	653	653						
12/1/2007	30	78	101	122	122	128	128	128	128	132	132	150	150	150	150	150	150							
12/1/2008	43	73	163	173	173	173	175	175	174	174	192	192	192	192	192	192								
12/1/2009	19	67	95	103	103	828	6,828	6,830	6,830	6,849	6,849	6,849	6,849	6,849	6,849									
12/1/2010	42	132	234	809	809	809	809	809	834	834	834	834	834	834										
12/1/2011	40	125	157	202	432	432	432	445	445	445	445	445	445											
12/1/2012	35	103	172	282	282	282	302	302	302	302	302	302												
12/1/2013	78	218	406	2,907	2,907	2,936	2,936	2,936	2,936	2,936	2,936													
12/1/2014	35	72	215	215	239	239	309	309	309	309														
12/1/2015	54	1,220	1,256	1,510	1,510	1,510	1,520	1,520	1,520															
12/1/2016	95	295	411	444	479	1,529	1,529	1,529																
12/1/2017	65	156	239	239	8,739	8,759	8,759																	
12/1/2018	60	162	189	209	1,094	1,254																		
12/1/2019	28	85	116	209	209																			
12/1/2020	25	98	148	849																				
12/1/2021	33	155	230																					
12/1/2022	38	104																						
12/1/2023	23																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior					2.364	1.008	1.002	1.000	1.000	1.000	1.335	1.000	1.000	1.000	1.000	1.000	0.994	1.007	0.887	1.000	1.000	1.000	1.000	
12/1/2001	4.491	1.271	1.199	3.944	1.000	2.914	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.011	1.000	1.000	1.000	1.000	1.000		
12/1/2002	3.262	1.645	1.423	1.196	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.098	1.000	1.000	1.000	1.000	1.000			
12/1/2003	2.809	1.749	1.039	1.387	1.000	1.000	1.084	1.000	1.000	1.000	1.000	1.000	1.029	1.000	1.086	1.000	1.000	1.000	1.000	1.000				
12/1/2004	2.605	2.220	6.611	1.214	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.010	1.000	1.000	1.000	1.000	1.000					
12/1/2005	2.228	1.210	1.042	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.030	1.000	1.141	1.000	1.000	1.000	1.000	1.000						
12/1/2006	2.932	2.087	1.170	1.000	1.000	1.000	2.709	1.000	1.000	0.984	1.000	1.047	1.000	1.000	1.000	1.000	1.000							
12/1/2007	2.650	1.294	1.209	1.000	1.047	1.000	1.000	1.000	1.028	1.000	1.136	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.698	2.250	1.061	1.000	1.000	1.010	1.000	0.994	1.000	1.102	1.000	1.000	1.000	1.000	1.000									
12/1/2009	3.603	1.407	1.090	1.000	8.015	8.243	1.000	1.000	1.003	1.000	1.000	1.000	1.000	1.000										
12/1/2010	3.124	1.765	3.461	1.000	1.000	1.000	1.000	1.032	1.000	1.000	1.000	1.000	1.000											
12/1/2011	3.121	1.259	1.287	2.139	1.000	1.000	1.031	1.000	1.000	1.000	1.000	1.000												
12/1/2012	2.905	1.673	1.640	1.000	1.000	1.073	1.000	1.000	1.000	1.000	1.000													
12/1/2013	2.814	1.860	7.158	1.000	1.010	1.000	1.000	1.000	1.000	1.000														
12/1/2014	2.059	2.982	1.000	1.114	1.000	1.293	1.000	1.000	1.000															
12/1/2015	22.491	1.029	1.202	1.000	1.000	1.007	1.000	1.000																
12/1/2016	3.114	1.392	1.080	1.079	3.191	1.000	1.000																	
12/1/2017	2.415	1.533	1.000	36.546	1.002	1.000																		
12/1/2018	2.682	1.166	1.106	5.241	1.146																			
12/1/2019	3.038	1.366	1.807	1.000																				
12/1/2020	3.858	1.513	5.744																					
12/1/2021	4.739	1.481																						
12/1/2022	2.737																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	3.881	1.626	2.116	3.361	1.567	1.530	1.107	1.002	1.002	1.006	1.039	1.004	1.015	1.001	1.010	1.012	1.001	1.001	0.977	1.000	1.000	1.000	1.000	
3 Yr Average	3.778	1.453	2.886	14.262	1.780	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	3.411	1.412	2.147	8.973	1.468	1.060	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.977	NA	NA	NA	NA	
3 Yr Wtd Average	3.714	1.462	2.801	15.292	1.119	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	3.275	1.406	1.768	4.608	1.102	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.920	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	3.858	1.481	1.807	5.241	1.146	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	3.211	1.453	1.331	2.440	1.050	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	3.027	1.600	1.293	1.098	1.040	1.020	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	2.460	1.520	1.280	1.145	1.065	1.030	1.015	1.006	1.005	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001
Initial Selected	3.027	1.560	1.293	1.098	1.040	1.018	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**3.027**	**1.560**	**1.293**	**1.098**	**1.040**	**1.018**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**7.110**	**2.348**	**1.505**	**1.165**	**1.061**	**1.020**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests AL COMM

AON

Cook County, Illinois
Automobile Liability
Occurrence
Indemnity and Expense
Reported Claim Count Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			1,054	1,054	1,054	1,054	1,054	1,054
12/1/2001	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	112	112	112	112	112	112	112	112	
12/1/2002	53	58	58	58	58	58	58	58	58	58	58	58	58	58	74	74	74	74	74	74	74	74		
12/1/2003	81	81	81	81	81	81	81	81	81	81	81	81	81	111	111	111	111	111	111	111	111			
12/1/2004	72	72	72	72	72	72	72	72	72	72	72	72	91	91	91	91	91	91	91	91				
12/1/2005	65	65	65	65	65	65	65	65	65	65	65	82	82	82	82	82	82	82	82					
12/1/2006	59	72	72	72	72	72	72	72	72	72	92	92	92	92	92	92	92	92						
12/1/2007	57	57	57	57	57	57	57	57	57	57	71	71	71	71	71	71	71							
12/1/2008	44	44	44	44	44	44	44	44	60	60	60	60	60	60	60	60								
12/1/2009	55	55	55	55	55	55	55	62	62	62	62	62	62	62	62									
12/1/2010	61	61	61	61	61	61	88	88	88	88	88	88	88	88										
12/1/2011	67	67	67	67	67	75	75	75	75	75	75	75	75											
12/1/2012	49	49	49	49	58	58	58	58	58	58	58	58												
12/1/2013	69	69	69	85	86	86	86	86	86	86	86													
12/1/2014	51	51	62	62	62	62	62	62	62	62														
12/1/2015	58	69	70	70	70	70	70	70	70															
12/1/2016	46	53	53	53	53	53	53	53																
12/1/2017	53	61	61	61	61	61	61																	
12/1/2018	53	59	61	61	61	61																		
12/1/2019	29	35	35	35	35																			
12/1/2020	23	32	32	32																				
12/1/2021	47	57	57																					
12/1/2022	43	49																						
12/1/2023	47																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.400	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12/1/2002	1.094	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.276	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.370	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12/1/2004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.264	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
12/1/2005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.262	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12/1/2006	1.220	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.278	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.246	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12/1/2008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.364	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
12/1/2009	1.000	1.000	1.000	1.000	1.000	1.000	1.127	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010	1.000	1.000	1.000	1.000	1.000	1.443	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
12/1/2011	1.000	1.000	1.000	1.000	1.119	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12/1/2012	1.000	1.000	1.000	1.184	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
12/1/2013	1.000	1.000	1.232	1.012	1.000	1.000	1.000	1.000	1.000	1.000														
12/1/2014	1.000	1.216	1.000	1.000	1.000	1.000	1.000	1.000	1.000															
12/1/2015	1.190	1.014	1.000	1.000	1.000	1.000	1.000	1.000																
12/1/2016	1.152	1.000	1.000	1.000	1.000	1.000	1.000																	
12/1/2017	1.151	1.000	1.000	1.000	1.000	1.000																		
12/1/2018	1.113	1.034	1.000	1.000	1.000																			
12/1/2019	1.207	1.000	1.000	1.000																				
12/1/2020	1.391	1.000	1.000																					
12/1/2021	1.213	1.000																						
12/1/2022	1.140																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.085	1.013	1.012	1.010	1.007	1.026	1.008	1.024	1.018	1.021	1.022	1.024	1.037	1.031	1.050	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.248	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.213	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.221	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.190	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.213	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.186	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	1.136	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.077	1.009	1.004	1.002	1.002	1.002	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.136	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.136**	**1.005**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**1.142**	**1.005**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests AL COMM

Cook County, Illinois
Law Enforcement Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Sworn Officers	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	139	26	253,721,734	82,471,734	171,250,000	41,278,266	212,528,266	295,000,000	
1-Dec-01	-	9,500,000	2	1	5,000,000	-	5,000,000	150,000	5,150,000	5,150,000	
1-Dec-02	-	9,500,000	98	-	1,024,401	1,024,401	-	-	-	1,024,401	
1-Dec-03	-	Various	108	-	57,322,303	57,322,303	-	-	-	57,322,303	
1-Dec-04	-	10,000,000	106	1	6,405,052	1,405,052	5,000,000	264,948	5,264,948	6,670,000	
1-Dec-05	-	10,000,000	142	3	19,158,785	3,658,785	15,500,000	481,215	15,981,215	19,640,000	
1-Dec-06	-	10,000,000	183	-	2,403,373	2,403,373	-	-	-	2,403,373	
1-Dec-07	-	10,000,000	192	-	13,696,710	13,696,710	-	-	-	13,696,710	
1-Dec-08	-	10,000,000	243	-	4,392,748	4,392,748	-	-	-	4,392,748	
1-Dec-09	-	10,000,000	228	1	6,602,655	6,601,655	1,000	7,345	8,345	6,610,000	
1-Dec-10	-	10,000,000	212	2	32,218,025	31,168,025	1,050,000	1,241,975	2,291,975	33,460,000	
1-Dec-11	-	10,000,000	372	3	10,744,458	3,741,958	7,002,500	3,135,542	10,138,042	13,880,000	
1-Dec-12	-	Various	445	-	9,580,334	9,580,334	-	509,666	509,666	10,090,000	
1-Dec-13	-	15,000,000	625	1	28,229,100	13,229,100	15,000,000	1,900,900	16,900,900	30,130,000	
1-Dec-14	6,022	15,000,000	394	7	9,918,819	3,878,819	6,040,000	1,481,181	7,521,181	11,400,000	1,893
1-Dec-15	5,881	15,000,000	351	16	5,905,642	5,767,142	138,500	2,094,358	2,232,858	8,000,000	1,360
1-Dec-16	5,451	15,000,000	310	22	16,423,808	8,648,608	7,775,200	3,376,192	11,151,392	19,800,000	3,632
1-Dec-17	5,319	Various	261	36	12,674,182	2,808,632	9,865,550	4,525,818	14,391,368	17,200,000	3,234
1-Dec-18	5,054	20,000,000	177	57	12,958,935	4,597,585	8,361,350	4,341,065	12,702,415	17,300,000	3,423
1-Dec-19	4,883	Various	162	65	13,704,815	3,986,215	9,718,600	8,295,185	18,013,785	22,000,000	4,505
1-Dec-20	4,759	30,000,000	106	49	11,600,442	3,689,042	7,911,400	11,399,558	19,310,958	23,000,000	4,833
1-Dec-21	4,774	30,000,000	112	72	13,637,486	228,486	13,409,000	12,862,514	26,271,514	26,500,000	5,551
1-Dec-22	4,609	30,000,000	96	66	10,203,634	45,150	10,158,484	24,796,366	34,954,850	35,000,000	7,594
1-Dec-23	4,436	30,000,000	43	29	3,025,500	15,500	3,010,000	26,974,500	29,984,500	30,000,000	6,763
Total	51,188		5,107	457	560,552,943	264,361,359	296,191,584	149,116,591	445,308,175	709,669,535	4,106
Full Policy Period Projections											
1-Dec-24	4,347	30,000,000								30,900,000	7,115
1-Dec-25	4,347	30,000,000								32,000,000	7,358

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 255,876,093	$ 83,613,819	$ 528,909,098	N/A	N/A	N/A	N/A	$ 255,876,093	$ 295,000,000
1-Dec-01	$ 5,056,470	$ -	$ 13,448,072	N/A	N/A	N/A	N/A	$ 5,056,470	$ 5,150,000
1-Dec-02	$ 1,038,325	$ 1,048,266	$ 1,024,401	N/A	N/A	N/A	N/A	$ 1,038,325	$ 1,024,401
1-Dec-03	$ 58,308,220	$ 59,144,462	$ 57,322,303	N/A	N/A	N/A	N/A	$ 58,308,220	$ 57,322,303
1-Dec-04	$ 6,538,098	$ 1,454,813	$ 13,748,781	N/A	N/A	N/A	N/A	$ 6,538,098	$ 6,670,000
1-Dec-05	$ 19,642,632	$ 3,805,017	$ 46,827,774	N/A	N/A	N/A	N/A	$ 19,642,632	$ 19,640,000
1-Dec-06	$ 2,474,893	$ 2,510,420	$ 2,403,373	N/A	N/A	N/A	N/A	$ 2,474,893	$ 2,403,373
1-Dec-07	$ 14,166,277	$ 14,369,707	$ 13,696,710	N/A	N/A	N/A	N/A	$ 14,166,277	$ 13,696,710
1-Dec-08	$ 4,563,316	$ 4,628,868	$ 4,392,748	N/A	N/A	N/A	N/A	$ 4,563,316	$ 4,392,748
1-Dec-09	$ 6,889,194	$ 6,987,132	$ 6,605,719	N/A	N/A	N/A	N/A	$ 6,889,194	$ 6,610,000
1-Dec-10	$ 33,772,161	$ 33,141,088	$ 35,792,726	N/A	N/A	N/A	N/A	$ 33,704,752	$ 33,460,000
1-Dec-11	$ 11,315,008	$ 3,997,312	$ 36,982,805	N/A	N/A	N/A	N/A	$ 11,325,955	$ 13,880,000
1-Dec-12	$ 10,149,026	$ 10,298,682	$ 9,580,334	N/A	N/A	N/A	N/A	$ 10,257,853	$ 10,090,000
1-Dec-13	$ 30,126,561	$ 14,326,572	$ 97,588,649	N/A	N/A	N/A	N/A	$ 30,156,205	$ 30,130,000
1-Dec-14	$ 10,683,163	$ 4,258,351	$ 34,500,212	$ 11,863,680	$ 6,301,560	$ 10,843,210	$ 4,428,181	$ 10,784,198	$ 11,400,000
1-Dec-15	$ 6,532,077	$ 6,504,994	$ 6,663,456	$ 8,513,273	$ 8,851,350	$ 7,180,349	$ 6,505,235	$ 6,707,558	$ 8,000,000
1-Dec-16	$ 18,828,192	$ 10,243,490	$ 51,889,875	$ 19,759,694	$ 12,715,818	$ 18,215,106	$ 9,665,927	$ 18,811,512	$ 19,800,000
1-Dec-17	$ 15,101,804	$ 3,536,227	$ 47,913,142	$ 17,161,735	$ 8,552,527	$ 15,179,311	$ 4,184,358	$ 15,137,975	$ 17,200,000
1-Dec-18	$ 16,285,554	$ 7,073,123	$ 24,679,416	$ 18,493,218	$ 14,080,006	$ 16,183,173	$ 6,917,689	$ 16,207,388	$ 17,300,000
1-Dec-19	$ 18,922,394	$ 7,701,055	$ 26,672,780	$ 21,624,490	$ 17,841,143	$ 18,517,437	$ 7,436,117	$ 18,710,194	$ 22,000,000
1-Dec-20	$ 17,980,580	$ 11,345,827	$ 20,372,527	$ 21,931,717	$ 23,337,925	$ 18,127,098	$ 8,653,321	$ 17,534,806	$ 23,000,000
1-Dec-21	$ 23,990,282	$ 1,539,942	$ 27,412,150	$ 26,780,096	$ 26,164,820	$ 22,379,743	$ 6,568,087	$ 22,950,010	$ 26,500,000
1-Dec-22	$ 36,181,249	$ 1,396,690	$ 39,414,670	$ 32,115,186	$ 29,576,704	$ 25,477,425	$ 7,205,167	$ 30,151,138	$ 35,000,000
1-Dec-23	$ 36,081,249	$ 5,016,301	$ 37,170,115	$ 30,867,075	$ 30,311,433	$ 22,690,474	$ 7,358,063	$ 23,426,214	$ 30,000,000
Total	$ 660,502,818	$ 297,942,159	$ 1,185,011,834	$ 209,110,163	$ 177,733,286	$ 174,793,327	$ 68,922,146	$ 640,419,276	$ 709,669,535

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 295,000,000	$ 253,721,734	$ 82,471,734	$ 171,250,000	$ 41,278,266	$ 212,528,266	$ 186,180,691
1-Dec-01	276	$ 9,500,000	$ 5,150,000	$ 5,000,000	$ -	$ 5,000,000	$ 150,000	$ 5,150,000	$ 4,499,167
1-Dec-02	264	$ 9,500,000	$ 1,024,401	$ 1,024,401	$ 1,024,401	$ -	$ -	$ -	$ -
1-Dec-03	252	Various	$ 57,322,303	$ 57,322,303	$ 57,322,303	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 10,000,000	$ 6,670,000	$ 6,405,052	$ 1,405,052	$ 5,000,000	$ 264,948	$ 5,264,948	$ 4,489,489
1-Dec-05	228	$ 10,000,000	$ 19,640,000	$ 19,158,785	$ 3,658,785	$ 15,500,000	$ 481,215	$ 15,981,215	$ 13,373,254
1-Dec-06	216	$ 10,000,000	$ 2,403,373	$ 2,403,373	$ 2,403,373	$ -	$ -	$ -	$ -
1-Dec-07	204	$ 10,000,000	$ 13,696,710	$ 13,696,710	$ 13,696,710	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 10,000,000	$ 4,392,748	$ 4,392,748	$ 4,392,748	$ -	$ -	$ -	$ -
1-Dec-09	180	$ 10,000,000	$ 6,610,000	$ 6,602,655	$ 6,601,655	$ 1,000	$ 7,345	$ 8,345	$ 6,479
1-Dec-10	168	$ 10,000,000	$ 33,460,000	$ 32,218,025	$ 31,168,025	$ 1,050,000	$ 1,241,975	$ 2,291,975	$ 1,747,899
1-Dec-11	156	$ 10,000,000	$ 13,880,000	$ 10,744,458	$ 3,741,958	$ 7,002,500	$ 3,135,542	$ 10,138,042	$ 7,593,582
1-Dec-12	144	Various	$ 10,090,000	$ 9,580,334	$ 9,580,334	$ -	$ 509,666	$ 509,666	$ 374,948
1-Dec-13	132	$ 15,000,000	$ 30,130,000	$ 28,229,100	$ 13,229,100	$ 15,000,000	$ 1,900,900	$ 16,900,900	$ 12,354,183
1-Dec-14	120	$ 15,000,000	$ 11,400,000	$ 9,918,819	$ 3,878,819	$ 6,040,000	$ 1,481,181	$ 7,521,181	$ 5,574,084
1-Dec-15	108	$ 15,000,000	$ 8,000,000	$ 5,905,642	$ 5,767,142	$ 138,500	$ 2,094,358	$ 2,232,858	$ 1,717,656
1-Dec-16	96	$ 15,000,000	$ 19,800,000	$ 16,423,808	$ 8,648,608	$ 7,775,200	$ 3,376,192	$ 11,151,392	$ 8,969,368
1-Dec-17	84	Various	$ 17,200,000	$ 12,674,182	$ 2,808,632	$ 9,865,550	$ 4,525,818	$ 14,391,368	$ 11,814,848
1-Dec-18	72	$ 20,000,000	$ 17,300,000	$ 12,958,935	$ 4,597,585	$ 8,361,350	$ 4,341,065	$ 12,702,415	$ 11,017,517
1-Dec-19	60	Various	$ 22,000,000	$ 13,704,815	$ 3,986,215	$ 9,718,600	$ 8,295,185	$ 18,013,785	$ 15,709,940
1-Dec-20	48	$ 30,000,000	$ 23,000,000	$ 11,600,442	$ 3,689,042	$ 7,911,400	$ 11,399,558	$ 19,310,958	$ 16,961,947
1-Dec-21	36	$ 30,000,000	$ 26,500,000	$ 13,637,486	$ 228,486	$ 13,409,000	$ 12,862,514	$ 26,271,514	$ 22,910,488
1-Dec-22	24	$ 30,000,000	$ 35,000,000	$ 10,203,634	$ 45,150	$ 10,158,484	$ 24,796,366	$ 34,954,850	$ 29,879,244
1-Dec-23	12	$ 30,000,000	$ 30,000,000	$ 3,025,500	$ 15,500	$ 3,010,000	$ 26,974,500	$ 29,984,500	$ 24,760,947
Total			$ 709,669,535	$ 560,552,943	$ 264,361,359	$ 296,191,584	$ 149,116,591	$ 445,308,175	$ 379,935,734

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 253,721,734	1.008	$ 255,876,093	$ 82,471,734	1.014	$ 83,613,819	$ 171,250,000	2.607	$ 528,909,098
1-Dec-01	276	$ 5,000,000	1.011	$ 5,056,470	$ -	1.018	$ -	$ 5,000,000	2.690	$ 13,448,072
1-Dec-02	264	$ 1,024,401	1.014	$ 1,038,325	$ 1,024,401	1.023	$ 1,048,266	$ -	2.433	$ 1,024,401
1-Dec-03	252	$ 57,322,303	1.017	$ 58,308,220	$ 57,322,303	1.032	$ 59,144,462	$ -	2.216	$ 57,322,303
1-Dec-04	240	$ 6,405,052	1.021	$ 6,538,098	$ 1,405,052	1.035	$ 1,454,813	$ 5,000,000	2.469	$ 13,748,781
1-Dec-05	228	$ 19,158,785	1.025	$ 19,642,632	$ 3,658,785	1.040	$ 3,805,017	$ 15,500,000	2.785	$ 46,827,774
1-Dec-06	216	$ 2,403,373	1.030	$ 2,474,893	$ 2,403,373	1.045	$ 2,510,420	$ -	3.103	$ 2,403,373
1-Dec-07	204	$ 13,696,710	1.034	$ 14,166,277	$ 13,696,710	1.049	$ 14,369,707	$ -	3.422	$ 13,696,710
1-Dec-08	192	$ 4,392,748	1.039	$ 4,563,316	$ 4,392,748	1.054	$ 4,628,868	$ -	3.742	$ 4,392,748
1-Dec-09	180	$ 6,602,655	1.043	$ 6,889,194	$ 6,601,655	1.058	$ 6,987,132	$ 1,000	4.063	$ 6,605,719
1-Dec-10	168	$ 32,218,025	1.048	$ 33,772,161	$ 31,168,025	1.063	$ 33,141,088	$ 1,050,000	4.404	$ 35,792,726
1-Dec-11	156	$ 10,744,458	1.053	$ 11,315,008	$ 3,741,958	1.068	$ 3,997,312	$ 7,002,500	4.747	$ 36,982,805
1-Dec-12	144	$ 9,580,334	1.059	$ 10,149,026	$ 9,580,334	1.075	$ 10,298,682	$ -	5.085	$ 9,580,334
1-Dec-13	132	$ 28,229,100	1.067	$ 30,126,561	$ 13,229,100	1.083	$ 14,326,572	$ 15,000,000	5.624	$ 97,588,649
1-Dec-14	120	$ 9,918,819	1.077	$ 10,683,163	$ 3,878,819	1.098	$ 4,258,351	$ 6,040,000	5.070	$ 34,500,212
1-Dec-15	108	$ 5,905,642	1.106	$ 6,532,077	$ 5,767,142	1.128	$ 6,504,994	$ 138,500	6.472	$ 6,663,456
1-Dec-16	96	$ 16,423,808	1.146	$ 18,828,192	$ 8,648,608	1.184	$ 10,243,490	$ 7,775,200	5.561	$ 51,889,875
1-Dec-17	84	$ 12,674,182	1.192	$ 15,101,804	$ 2,808,632	1.259	$ 3,536,227	$ 9,865,550	4.572	$ 47,913,142
1-Dec-18	72	$ 12,958,935	1.257	$ 16,285,554	$ 4,597,585	1.538	$ 7,073,123	$ 8,361,350	2.402	$ 24,679,416
1-Dec-19	60	$ 13,704,815	1.381	$ 18,922,394	$ 3,986,215	1.932	$ 7,701,055	$ 9,718,600	2.334	$ 26,672,780
1-Dec-20	48	$ 11,600,442	1.550	$ 17,980,580	$ 3,689,042	3.076	$ 11,345,827	$ 7,911,400	2.109	$ 20,372,527
1-Dec-21	36	$ 13,637,486	1.759	$ 23,990,282	$ 228,486	6.740	$ 1,539,942	$ 13,409,000	2.027	$ 27,412,150
1-Dec-22	24	$ 10,203,634	3.546	$ 36,181,249	$ 45,150	30.934	$ 1,396,690	$ 10,158,484	3.876	$ 39,414,670
1-Dec-23	12	$ 3,025,500	11.926	$ 36,081,249	$ 15,500	323.632	$ 5,016,301	$ 3,010,000	12.344	$ 37,170,115
Total		$ 560,552,943		$ 660,502,818	$ 264,361,359		$ 297,942,159	$ 296,191,584		$ 1,185,011,834

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

AON

Exhibit 4

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Sworn Officers	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-14	120	$ 9,918,819	1.331	1.140	$ 15,053,517	6,022	1.077	3,256	$ 12,920,125	$ 10,843,210
1-Dec-15	108	$ 5,905,642	1.300	1.140	$ 8,750,515	5,881	1.106	3,349	$ 13,291,861	$ 7,180,349
1-Dec-16	96	$ 16,423,808	1.254	1.140	$ 23,478,528	5,451	1.146	3,679	$ 14,027,254	$ 18,215,106
1-Dec-17	84	$ 12,674,182	1.214	1.075	$ 16,543,577	5,319	1.192	3,824	$ 15,583,960	$ 15,179,311
1-Dec-18	72	$ 12,958,935	1.189	1.075	$ 16,560,769	5,054	1.257	3,991	$ 15,784,348	$ 16,183,173
1-Dec-19	60	$ 13,704,815	1.165	1.000	$ 15,961,817	4,883	1.381	4,163	$ 17,453,750	$ 18,517,437
1-Dec-20	48	$ 11,600,442	1.120	1.000	$ 12,989,711	4,759	1.550	4,328	$ 18,393,499	$ 18,127,098
1-Dec-21	36	$ 13,637,486	1.074	1.000	$ 14,645,164	4,774	1.759	4,557	$ 20,258,220	$ 22,379,743
1-Dec-22	24	$ 10,203,634	1.035	1.000	$ 10,557,011	4,609	3.546	4,775	$ 21,273,117	$ 25,477,425
1-Dec-23	12	$ 3,025,500	1.000	1.000	$ 3,025,500	4,436	11.926	4,839	$ 21,464,854	$ 22,690,474
Total		$ 110,053,264			$ 137,566,109	51,188			$ 170,450,988	$ 174,793,327

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Law Enforcement Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Paid Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Paid Loss	(7) Trended Sworn Officers	(8) Paid LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-14	120	$ 3,878,819	1.331	1.140	$ 5,886,776	6,022	1.098	1,553	$ 6,163,842	$ 4,428,181
1-Dec-15	108	$ 5,767,142	1.300	1.140	$ 8,545,297	5,881	1.128	1,639	$ 6,507,125	$ 6,505,235
1-Dec-16	96	$ 8,648,608	1.254	1.140	$ 12,363,551	5,451	1.184	1,714	$ 6,533,962	$ 9,665,927
1-Dec-17	84	$ 2,808,632	1.214	1.075	$ 3,666,101	5,319	1.259	1,641	$ 6,686,254	$ 4,184,358
1-Dec-18	72	$ 4,597,585	1.189	1.075	$ 5,875,448	5,054	1.538	1,676	$ 6,629,015	$ 6,917,689
1-Dec-19	60	$ 3,986,215	1.165	1.000	$ 4,642,692	4,883	1.932	1,706	$ 7,151,825	$ 7,436,117
1-Dec-20	48	$ 3,689,042	1.120	1.000	$ 4,130,842	4,759	3.076	1,731	$ 7,356,070	$ 8,653,321
1-Dec-21	36	$ 228,486	1.074	1.000	$ 245,369	4,774	6.740	1,675	$ 7,444,107	$ 6,568,087
1-Dec-22	24	$ 45,150	1.035	1.000	$ 46,714	4,609	30.934	1,661	$ 7,399,207	$ 7,205,167
1-Dec-23	12	$ 15,500	1.000	1.000	$ 15,500	4,436	323.632	1,660	$ 7,365,321	$ 7,358,063
Total		$ 33,665,180			$ 45,418,290	51,188			$ 69,236,729	$ 68,922,146

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Law Enforcement Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	139	1.000	139	1.008	$ 1,825,336	$ 1,840,835	0	$ 613,696	$ 255,876,093
1-Dec-01	276	2	1.000	2	1.011	$ 2,500,000	$ 2,528,235	0	$ 445,185	$ 5,056,470
1-Dec-02	264	98	1.000	98	1.014	$ 10,453	$ 10,595	0	$ 325,653	$ 1,038,325
1-Dec-03	252	108	1.000	108	1.017	$ 530,762	$ 539,891	0	$ 266,801	$ 58,308,220
1-Dec-04	240	106	1.000	106	1.021	$ 60,425	$ 61,680	0	$ 198,729	$ 6,538,098
1-Dec-05	228	142	1.000	142	1.025	$ 134,921	$ 138,328	0	$ 152,678	$ 19,642,632
1-Dec-06	216	183	1.000	183	1.030	$ 13,133	$ 13,524	0	$ 117,200	$ 2,474,893
1-Dec-07	204	192	1.000	192	1.034	$ 71,337	$ 73,783	0	$ 96,347	$ 14,166,277
1-Dec-08	192	243	1.000	243	1.039	$ 18,077	$ 18,779	0	$ 79,088	$ 4,563,316
1-Dec-09	180	228	1.000	228	1.043	$ 28,959	$ 30,216	0	$ 70,167	$ 6,889,194
1-Dec-10	168	212	1.002	212	1.046	$ 151,972	$ 158,985	0	$ 65,855	$ 33,704,752
1-Dec-11	156	372	1.004	373	1.049	$ 28,883	$ 30,295	1	$ 56,072	$ 11,325,955
1-Dec-12	144	445	1.006	448	1.053	$ 21,529	$ 22,671	3	$ 56,493	$ 10,257,853
1-Dec-13	132	625	1.008	630	1.059	$ 45,167	$ 47,819	5	$ 53,891	$ 30,156,205
1-Dec-14	120	394	1.010	398	1.066	$ 25,175	$ 26,845	4	$ 51,807	$ 10,784,198
1-Dec-15	108	351	1.013	356	1.092	$ 16,825	$ 18,370	5	$ 51,951	$ 6,707,558
1-Dec-16	96	310	1.016	315	1.128	$ 52,980	$ 59,773	5	$ 56,364	$ 18,811,512
1-Dec-17	84	261	1.024	267	1.164	$ 48,560	$ 56,509	6	$ 64,841	$ 15,137,975
1-Dec-18	72	177	1.032	183	1.218	$ 73,214	$ 89,146	6	$ 71,434	$ 16,207,388
1-Dec-19	60	162	1.045	169	1.322	$ 84,598	$ 111,828	7	$ 84,859	$ 18,710,194
1-Dec-20	48	106	1.060	112	1.462	$ 109,438	$ 160,001	6	$ 95,786	$ 17,534,806
1-Dec-21	36	112	1.108	124	1.588	$ 121,763	$ 193,379	12	$ 107,629	$ 22,950,010
1-Dec-22	24	96	1.428	137	2.483	$ 106,288	$ 263,869	41	$ 117,553	$ 30,151,138
1-Dec-23	12	43	3.442	148	3.465	$ 70,360	$ 243,766	105	$ 123,279	$ 23,426,214
Total		5,107		5,313				206		$ 640,419,276

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)
Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-14	$ 15,000,000	$ 9,918,819	1.077	5,146	1.140	4,514	$ 27,183,136	0.072	$ 1,944,861	$ 11,863,680
1-Dec-15	$ 15,000,000	$ 5,905,642	1.106	5,271	1.140	4,623	$ 27,190,769	0.096	$ 2,607,631	$ 8,513,273
1-Dec-16	$ 15,000,000	$ 16,423,808	1.146	5,463	1.140	4,792	$ 26,122,576	0.128	$ 3,335,886	$ 19,759,694
1-Dec-17	Various	$ 12,674,182	1.192	5,642	1.075	5,248	$ 27,916,267	0.161	$ 4,487,553	$ 17,161,735
1-Dec-18	$ 20,000,000	$ 12,958,935	1.257	5,763	1.075	5,361	$ 27,093,236	0.204	$ 5,534,283	$ 18,493,218
1-Dec-19	Various	$ 13,704,815	1.381	5,882	1.000	5,882	$ 28,721,981	0.276	$ 7,919,675	$ 21,624,490
1-Dec-20	$ 30,000,000	$ 11,600,442	1.550	6,118	1.000	6,118	$ 29,115,723	0.355	$ 10,331,275	$ 21,931,717
1-Dec-21	$ 30,000,000	$ 13,637,486	1.759	6,379	1.000	6,379	$ 30,455,049	0.432	$ 13,142,609	$ 26,780,096
1-Dec-22	$ 30,000,000	$ 10,203,634	3.546	6,621	1.000	6,621	$ 30,518,095	0.718	$ 21,911,552	$ 32,115,186
1-Dec-23	$ 30,000,000	$ 3,025,500	11.926	6,851	1.000	6,851	$ 30,389,836	0.916	$ 27,841,575	$ 30,867,075
Total		$ 110,053,264					$ 284,706,668		$ 99,056,899	$ 209,110,163

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Sworn Officers) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-14	$ 15,000,000	$ 3,878,819	1.098	5,146	1.140	4,514	$ 27,183,136	0.089	$ 2,422,741	$ 6,301,560
1-Dec-15	$ 15,000,000	$ 5,767,142	1.128	5,271	1.140	4,623	$ 27,190,769	0.113	$ 3,084,208	$ 8,851,350
1-Dec-16	$ 15,000,000	$ 8,648,608	1.184	5,463	1.140	4,792	$ 26,122,576	0.156	$ 4,067,210	$ 12,715,818
1-Dec-17	Various	$ 2,808,632	1.259	5,642	1.075	5,248	$ 27,916,267	0.206	$ 5,743,894	$ 8,552,527
1-Dec-18	$ 20,000,000	$ 4,597,585	1.538	5,763	1.075	5,361	$ 27,093,236	0.350	$ 9,482,420	$ 14,080,006
1-Dec-19	Various	$ 3,986,215	1.932	5,882	1.000	5,882	$ 28,721,981	0.482	$ 13,854,927	$ 17,841,143
1-Dec-20	$ 30,000,000	$ 3,689,042	3.076	6,118	1.000	6,118	$ 29,115,723	0.675	$ 19,648,883	$ 23,337,925
1-Dec-21	$ 30,000,000	$ 228,486	6.740	6,379	1.000	6,379	$ 30,455,049	0.852	$ 25,936,333	$ 26,164,820
1-Dec-22	$ 30,000,000	$ 45,150	30.934	6,621	1.000	6,621	$ 30,518,095	0.968	$ 29,531,554	$ 29,576,704
1-Dec-23	$ 30,000,000	$ 15,500	323.632	6,851	1.000	6,851	$ 30,389,836	0.997	$ 30,295,933	$ 30,311,433
Total		$ 33,665,180					$ 284,706,668		$ 144,068,105	$ 177,733,286

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Sworn Officers) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Policy Period Inception	Incurred LDF's Unlimited	Incurred LDF's Limited	Paid LDF's Unlimited	Paid LDF's Limited	Claim CDF	Trend Factors Loss	Trend Factors Exposure	Sworn Officers
Prior	1.010	1.008	1.016	1.014	1.000	2.163	1.000	-
1-Dec-01	1.013	1.011	1.021	1.018	1.000	2.107	1.000	-
1-Dec-02	1.016	1.014	1.027	1.023	1.000	2.016	1.000	-
1-Dec-03	1.020	1.017	1.036	1.032	1.000	1.942	1.000	-
1-Dec-04	1.024	1.021	1.040	1.035	1.000	1.860	1.000	-
1-Dec-05	1.029	1.025	1.046	1.040	1.000	1.789	1.000	-
1-Dec-06	1.034	1.030	1.051	1.045	1.000	1.719	1.000	-
1-Dec-07	1.039	1.034	1.056	1.049	1.000	1.650	1.000	-
1-Dec-08	1.044	1.039	1.061	1.054	1.000	1.612	1.000	-
1-Dec-09	1.050	1.043	1.067	1.058	1.000	1.563	1.000	-
1-Dec-10	1.055	1.048	1.072	1.063	1.002	1.505	1.000	-
1-Dec-11	1.060	1.053	1.077	1.068	1.004	1.458	1.000	-
1-Dec-12	1.065	1.059	1.083	1.075	1.006	1.407	1.000	-
1-Dec-13	1.074	1.067	1.091	1.083	1.008	1.366	1.000	-
1-Dec-14	1.085	1.077	1.108	1.098	1.010	1.331	1.000	6,022
1-Dec-15	1.117	1.106	1.141	1.128	1.013	1.300	1.000	5,881
1-Dec-16	1.161	1.146	1.204	1.184	1.016	1.254	1.000	5,451
1-Dec-17	1.208	1.192	1.282	1.259	1.024	1.214	1.000	5,319
1-Dec-18	1.279	1.257	1.590	1.538	1.032	1.189	1.000	5,054
1-Dec-19	1.406	1.381	2.003	1.932	1.045	1.165	1.000	4,883
1-Dec-20	1.588	1.550	3.246	3.076	1.060	1.120	1.000	4,759
1-Dec-21	1.810	1.759	7.243	6.740	1.108	1.074	1.000	4,774
1-Dec-22	3.722	3.546	33.682	30.934	1.428	1.035	1.000	4,609
1-Dec-23	12.655	11.926	353.662	323.632	3.442	1.000	1.000	4,436

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/Paid/Clm Count):	**0.75**	**0.75**	**0.75**			
ELR for B/F Method :	**7115**					
Generalized Cape Cod Decay Factor:	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusively
Column (3) : Exhibit 13, Sheet 1, Column (15)
Column (4) : Company Exclusively
Column (5) : Exhibit 13, Sheet 2, Column (15)
Column (6) : Company Exclusively
Column (7) : Aon Compilation of Estimated Trends
Column (8) : Flat 0.00%
Column (9) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Limited Loss Calculations

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period	Unlimited				Claims valued over the Retention				Limited		
Inception	Incurred	Paid	Case O/S	Retention	No.	Incurred	No.	Paid	Incurred	Paid	Case O/S
Prior	$ 253,721,734	$ 82,471,734	$ 171,250,000	Various	-	$ -	-	$ -	$ 253,721,734	$ 82,471,734	$ 171,250,000
1-Dec-01	$ 5,000,000	$ -	$ 5,000,000	$ 9,500,000	-	$ -	-	$ -	$ 5,000,000	$ -	$ 5,000,000
1-Dec-02	$ 1,024,401	$ 1,024,401	$ -	$ 9,500,000	-	$ -	-	$ -	$ 1,024,401	$ 1,024,401	$ -
1-Dec-03	$ 57,322,303	$ 57,322,303	$ -	Various	-	$ -	-	$ -	$ 57,322,303	$ 57,322,303	$ -
1-Dec-04	$ 6,405,052	$ 1,405,052	$ 5,000,000	$ 10,000,000	-	$ -	-	$ -	$ 6,405,052	$ 1,405,052	$ 5,000,000
1-Dec-05	$ 24,158,785	$ 3,658,785	$ 20,500,000	$ 10,000,000	1	$ 15,000,000	-	$ -	$ 19,158,785	$ 3,658,785	$ 15,500,000
1-Dec-06	$ 2,403,373	$ 2,403,373	$ -	$ 10,000,000	-	$ -	-	$ -	$ 2,403,373	$ 2,403,373	$ -
1-Dec-07	$ 13,696,710	$ 13,696,710	$ -	$ 10,000,000	-	$ -	-	$ -	$ 13,696,710	$ 13,696,710	$ -
1-Dec-08	$ 4,392,748	$ 4,392,748	$ -	$ 10,000,000	-	$ -	-	$ -	$ 4,392,748	$ 4,392,748	$ -
1-Dec-09	$ 6,602,655	$ 6,601,655	$ 1,000	$ 10,000,000	-	$ -	-	$ -	$ 6,602,655	$ 6,601,655	$ 1,000
1-Dec-10	$ 32,218,025	$ 31,168,025	$ 1,050,000	$ 10,000,000	-	$ -	-	$ -	$ 32,218,025	$ 31,168,025	$ 1,050,000
1-Dec-11	$ 10,744,458	$ 3,741,958	$ 7,002,500	$ 10,000,000	-	$ -	-	$ -	$ 10,744,458	$ 3,741,958	$ 7,002,500
1-Dec-12	$ 9,580,334	$ 9,580,334	$ -	Various	-	$ -	-	$ -	$ 9,580,334	$ 9,580,334	$ -
1-Dec-13	$ 28,229,100	$ 13,229,100	$ 15,000,000	$ 15,000,000	-	$ -	-	$ -	$ 28,229,100	$ 13,229,100	$ 15,000,000
1-Dec-14	$ 9,918,819	$ 3,878,819	$ 6,040,000	$ 15,000,000	-	$ -	-	$ -	$ 9,918,819	$ 3,878,819	$ 6,040,000
1-Dec-15	$ 5,905,642	$ 5,767,142	$ 138,500	$ 15,000,000	-	$ -	-	$ -	$ 5,905,642	$ 5,767,142	$ 138,500
1-Dec-16	$ 16,423,808	$ 8,648,608	$ 7,775,200	$ 15,000,000	-	$ -	-	$ -	$ 16,423,808	$ 8,648,608	$ 7,775,200
1-Dec-17	$ 12,674,182	$ 2,808,632	$ 9,865,550	Various	-	$ -	-	$ -	$ 12,674,182	$ 2,808,632	$ 9,865,550
1-Dec-18	$ 12,958,935	$ 4,597,585	$ 8,361,350	$ 20,000,000	-	$ -	-	$ -	$ 12,958,935	$ 4,597,585	$ 8,361,350
1-Dec-19	$ 13,704,815	$ 3,986,215	$ 9,718,600	Various	-	$ -	-	$ -	$ 13,704,815	$ 3,986,215	$ 9,718,600
1-Dec-20	$ 11,600,442	$ 3,689,042	$ 7,911,400	$ 30,000,000	-	$ -	-	$ -	$ 11,600,442	$ 3,689,042	$ 7,911,400
1-Dec-21	$ 13,637,486	$ 228,486	$ 13,409,000	$ 30,000,000	-	$ -	-	$ -	$ 13,637,486	$ 228,486	$ 13,409,000
1-Dec-22	$ 10,203,634	$ 45,150	$ 10,158,484	$ 30,000,000	-	$ -	-	$ -	$ 10,203,634	$ 45,150	$ 10,158,484
1-Dec-23	$ 3,025,500	$ 15,500	$ 3,010,000	$ 30,000,000	-	$ -	-	$ -	$ 3,025,500	$ 15,500	$ 3,010,000
Total	$ 565,552,943	$ 264,361,359	$ 301,191,584		1	$ 15,000,000	-	$ -	$ 560,552,943	$ 264,361,359	$ 296,191,584

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]
Column (12) : Column (10) - Column (11)

Cook County, Illinois
Law Enforcement Liability

Law Enforcement Liability Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Sworn Officers	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-14	6,022	394	1.010	398	1.000	398	6.60837%		398	398	6.60837%
1-Dec-15	5,881	351	1.013	356	1.000	356	6.04638%		356	356	6.04638%
1-Dec-16	5,451	310	1.016	315	1.000	315	5.77864%		315	315	5.77864%
1-Dec-17	5,319	261	1.024	267	1.000	267	5.02434%		267	267	5.02434%
1-Dec-18	5,054	177	1.032	183	1.000	183	3.61466%		183	183	3.61466%
1-Dec-19	4,883	162	1.045	169	1.000	169	3.46528%		169	169	3.46528%
1-Dec-20	4,759	106	1.060	112	1.000	112	2.36138%		112	112	2.36138%
1-Dec-21	4,774	112	1.108	124	1.000	124	2.59862%		124	124	2.59862%
1-Dec-22	4,609	96	1.428	137	1.000	137	2.97501%		137	137	2.97501%
1-Dec-23	4,436	43	3.442	148	1.000	148	3.33670%		148	148	3.33670%
Total	51,188	2,012		2,209		2,209	4.31595%		2,209	2,209	4.31595%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	23,461	691	2.94437%	691	2.94437%
Last 3 Policies	13,819	409	2.96108%	409	2.96108%
Last 2 Policies	9,045	285	3.15239%	285	3.15239%
Last 10 Policies	51,188	2,209	4.31595%	2,209	4.31595%

Selected Bornhuetter-Ferguson Frequency Rate	**4.80000%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	1.000
Selected Frequency Rate adjusted to the Renewal Policy Period Level	4.80000%
Sworn Officers for 1-Dec-24	4,347
Projected Count for 1-Dec-24	209

AON

Exhibit 12

Cook County, Illinois
Law Enforcement Liability
Law Enforcement Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period Inception	(1) Incurred Loss	(2) Selected Ultimate Loss	(3) Loss Trend Factor	(4) Retention Adjustment Factor	(5) Trended Ultimate Loss	(6) Sworn Officers	(7) Exposure Trend Factor	(8) Trended Sworn Officers	(9) Trended Loss Rate
1-Dec-14	9,918,819	11,400,000	1.383	1.140	17,968,778	6,022	1.000	6,022	2,984
1-Dec-15	5,905,642	8,000,000	1.350	1.140	12,310,967	5,881	1.000	5,881	2,093
1-Dec-16	16,423,808	19,800,000	1.302	1.140	29,396,651	5,451	1.000	5,451	5,393
1-Dec-17	12,674,182	17,200,000	1.261	1.075	23,317,049	5,319	1.000	5,319	4,384
1-Dec-18	12,958,935	17,300,000	1.235	1.075	22,961,113	5,054	1.000	5,054	4,543
1-Dec-19	13,704,815	22,000,000	1.210	1.000	26,611,387	4,883	1.000	4,883	5,450
1-Dec-20	11,600,442	23,000,000	1.163	1.000	26,747,824	4,759	1.000	4,759	5,620
1-Dec-21	13,637,486	26,500,000	1.115	1.000	29,555,715	4,774	1.000	4,774	6,191
1-Dec-22	10,203,634	35,000,000	1.075	1.000	37,608,830	4,609	1.000	4,609	8,160
1-Dec-23	3,025,500	30,000,000	1.039	1.000	31,157,093	4,436	1.000	4,436	7,024
All Year Weighted Average					257,635,407			51,188	5,033
Latest 5-Year Weighted Average					151,680,849			23,461	6,465
Latest 3-Year Weighted Average					98,321,638			13,819	7,115
SELECTED - Based on Shaded PY					98,321,638			13,819	**7,115**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Law Enforcement Liability
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Sworn Officers	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	30,000,000	4,347	209	7,115	30,900,000
1-Dec-25	30,000,000	4,347	209	7,358	32,000,000
1-Dec-26	30,000,000	4,347	209	7,609	33,100,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Law Enforcement Liability

Average : $127,221 sigma = 2.420
CV : 18.67 mu = 8.826

Limitation of Incurred LDF's for Law Enforcement Liability

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.010	1.000	9,500,000	2.992	0.572	0.999	0.716	104,299	9,592,330	2.996	0.576	0.999	0.718	104,426	1.008
276	1.013	1.000	9,500,000	2.992	0.572	0.999	0.716	104,299	9,622,821	2.998	0.578	0.999	0.718	104,468	1.011
264	1.016	1.000	9,500,000	2.992	0.572	0.999	0.716	104,299	9,647,825	2.999	0.579	0.999	0.719	104,502	1.014
252	1.020	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,196,228	3.022	0.602	0.999	0.726	105,218	1.017
240	1.024	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,237,013	3.023	0.603	0.999	0.727	105,269	1.021
228	1.029	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,288,198	3.025	0.605	0.999	0.727	105,333	1.025
216	1.034	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,339,639	3.027	0.607	0.999	0.728	105,396	1.030
204	1.039	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,391,337	3.029	0.609	0.999	0.729	105,460	1.034
192	1.044	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,443,294	3.031	0.611	0.999	0.730	105,523	1.039
180	1.050	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,495,510	3.033	0.613	0.999	0.730	105,587	1.043
168	1.055	1.002	10,000,000	3.013	0.593	0.999	0.724	104,968	10,526,934	3.035	0.615	0.999	0.731	105,625	1.048
156	1.060	1.004	10,000,000	3.013	0.593	0.999	0.724	104,968	10,558,452	3.036	0.616	0.999	0.731	105,662	1.053
144	1.065	1.006	15,000,000	3.181	0.761	0.999	0.777	109,817	15,885,096	3.205	0.785	0.999	0.784	110,441	1.059
132	1.074	1.008	15,000,000	3.181	0.761	0.999	0.777	109,817	15,980,216	3.207	0.787	0.999	0.784	110,505	1.067
120	1.085	1.010	15,000,000	3.181	0.761	0.999	0.777	109,817	16,107,803	3.210	0.790	0.999	0.785	110,590	1.077
108	1.117	1.013	15,000,000	3.181	0.761	0.999	0.777	109,817	16,533,523	3.221	0.801	0.999	0.789	110,866	1.106
96	1.161	1.016	15,000,000	3.181	0.761	0.999	0.777	109,817	17,143,433	3.236	0.816	0.999	0.793	111,246	1.146
84	1.208	1.024	20,000,000	3.300	0.880	1.000	0.811	112,791	23,590,760	3.368	0.948	1.000	0.828	114,326	1.192
72	1.279	1.032	20,000,000	3.300	0.880	1.000	0.811	112,791	24,776,829	3.388	0.968	1.000	0.834	114,759	1.257
60	1.406	1.045	30,000,000	3.467	1.047	1.000	0.853	116,345	40,393,340	3.590	1.170	1.000	0.879	118,507	1.381
48	1.588	1.060	30,000,000	3.467	1.047	1.000	0.853	116,345	44,935,191	3.634	1.214	1.000	0.888	119,195	1.550
36	1.810	1.108	30,000,000	3.467	1.047	1.000	0.853	116,345	49,029,700	3.670	1.250	1.000	0.894	119,727	1.759
24	3.722	1.428	30,000,000	3.467	1.047	1.000	0.853	116,345	78,174,923	3.863	1.443	1.000	0.926	122,120	3.546
12	12.655	3.442	30,000,000	3.467	1.047	1.000	0.853	116,345	110,288,273	4.005	1.585	1.000	0.944	123,456	11.926

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Law Enforcement Liability

Average : $127,221 sigma = 2.420
CV : 18.67 mu = 8.826

Limitation of Paid LDF's for Law Enforcement Liability

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.016	1.000	9,500,000	2.992	0.572	0.999	0.716	104,299	9,650,609	2.999	0.579	0.999	0.719	104,505	1.014
276	1.021	1.000	9,500,000	2.992	0.572	0.999	0.716	104,299	9,696,871	3.001	0.581	0.999	0.719	104,568	1.018
264	1.027	1.000	9,500,000	2.992	0.572	0.999	0.716	104,299	9,753,442	3.003	0.583	0.999	0.720	104,644	1.023
252	1.036	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,362,827	3.028	0.608	0.999	0.728	105,425	1.032
240	1.040	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,404,278	3.030	0.610	0.999	0.729	105,476	1.035
228	1.046	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,456,300	3.032	0.612	0.999	0.730	105,539	1.040
216	1.051	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,508,581	3.034	0.614	0.999	0.730	105,602	1.045
204	1.056	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,561,124	3.036	0.616	0.999	0.731	105,666	1.049
192	1.061	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,613,930	3.038	0.618	0.999	0.732	105,729	1.054
180	1.067	1.000	10,000,000	3.013	0.593	0.999	0.724	104,968	10,667,000	3.040	0.620	0.999	0.732	105,792	1.058
168	1.072	1.002	10,000,000	3.013	0.593	0.999	0.724	104,968	10,698,937	3.041	0.621	0.999	0.733	105,829	1.063
156	1.077	1.004	10,000,000	3.013	0.593	0.999	0.724	104,968	10,730,969	3.043	0.623	0.999	0.733	105,867	1.068
144	1.083	1.006	15,000,000	3.181	0.761	0.999	0.777	109,817	16,144,647	3.211	0.791	0.999	0.786	110,614	1.075
132	1.091	1.008	15,000,000	3.181	0.761	0.999	0.777	109,817	16,241,322	3.214	0.794	0.999	0.786	110,678	1.083
120	1.108	1.010	15,000,000	3.181	0.761	0.999	0.777	109,817	16,452,037	3.219	0.799	0.999	0.788	110,814	1.098
108	1.141	1.013	15,000,000	3.181	0.761	0.999	0.777	109,817	16,894,914	3.230	0.810	0.999	0.791	111,094	1.128
96	1.204	1.016	15,000,000	3.181	0.761	0.999	0.777	109,817	17,770,822	3.251	0.831	0.999	0.797	111,616	1.184
84	1.282	1.024	20,000,000	3.300	0.880	1.000	0.811	112,791	25,041,936	3.393	0.973	1.000	0.835	114,851	1.259
72	1.590	1.032	20,000,000	3.300	0.880	1.000	0.811	112,791	30,805,557	3.478	1.058	1.000	0.855	116,552	1.538
60	2.003	1.045	30,000,000	3.467	1.047	1.000	0.853	116,345	57,532,117	3.737	1.317	1.000	0.906	120,630	1.932
48	3.246	1.060	30,000,000	3.467	1.047	1.000	0.853	116,345	91,848,804	3.930	1.510	1.000	0.934	122,787	3.076
36	7.243	1.108	30,000,000	3.467	1.047	1.000	0.853	116,345	196,182,513	4.243	1.823	1.000	0.966	125,040	6.740
24	33.682	1.428	30,000,000	3.467	1.047	1.000	0.853	116,345	707,453,229	4.773	2.353	1.000	0.991	126,679	30.934
12	353.662	3.442	30,000,000	3.467	1.047	1.000	0.853	116,345	3,082,265,106	5.382	2.962	1.000	0.998	127,141	323.632

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve
Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Law Enforcement Liability
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid		Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	98.4%	300	99.0%	$ 212,528,266	$14,876,979	*	$ 197,651,287	0.876	$ 173,208,565
1-Dec-01	276	98.0%	288	98.6%	$ 5,150,000	$ 360,500	*	$ 4,789,500	0.876	$ 4,195,736
1-Dec-02	264	97.4%	276	98.2%	$ -	$ -	*	$ -	0.874	$ -
1-Dec-03	252	96.5%	264	97.7%	$ -	$ -	*	$ -	0.870	$ -
1-Dec-04	240	96.1%	252	96.9%	$ 5,264,948	$ 368,546	*	$ 4,896,402	0.873	$ 4,274,930
1-Dec-05	228	95.6%	240	96.6%	$ 15,981,215	$ 1,118,685	*	$ 14,862,530	0.853	$ 12,673,470
1-Dec-06	216	95.2%	228	96.2%	$ -	$ -	*	$ -	0.837	$ -
1-Dec-07	204	94.7%	216	95.7%	$ -	$ -	*	$ -	0.821	$ -
1-Dec-08	192	94.2%	204	95.3%	$ -	$ -	*	$ -	0.806	$ -
1-Dec-09	180	93.7%	192	94.9%	$ 8,345	$ 584	*	$ 7,760	0.791	$ 6,139
1-Dec-10	168	93.3%	180	94.5%	$ 2,291,975	$ 160,438	*	$ 2,131,537	0.776	$ 1,655,050
1-Dec-11	156	92.8%	168	94.0%	$ 10,138,042	$ 689,733	*	$ 9,448,309	0.763	$ 7,205,443
1-Dec-12	144	92.4%	156	93.5%	$ 509,666	$ 32,016	*	$ 477,649	0.749	$ 357,768
1-Dec-13	132	91.6%	144	93.0%	$ 16,900,900	$ 1,183,063	*	$ 15,717,837	0.736	$ 11,563,202
1-Dec-14	120	90.3%	132	92.3%	$ 7,521,181	$ 526,483	*	$ 6,994,698	0.731	$ 5,112,969
1-Dec-15	108	87.6%	120	91.1%	$ 2,232,858	$ 156,300	*	$ 2,076,558	0.741	$ 1,538,975
1-Dec-16	96	83.1%	108	88.7%	$ 11,151,392	$ 780,597	*	$ 10,370,795	0.769	$ 7,977,875
1-Dec-17	84	78.0%	96	84.2%	$ 14,391,368	$ 1,007,396	*	$ 13,383,972	0.804	$ 10,765,092
1-Dec-18	72	62.9%	84	79.4%	$ 12,702,415	$ 889,169	*	$ 11,813,246	0.821	$ 9,698,294
1-Dec-19	60	49.9%	72	64.5%	$ 18,013,785	$ 1,260,965	*	$ 16,752,820	0.867	$ 14,530,661
1-Dec-20	48	30.8%	60	51.8%	$ 19,310,958	$ 1,351,767	*	$ 17,959,191	0.872	$ 15,662,328
1-Dec-21	36	13.8%	48	32.5%	$ 26,271,514	$ 1,839,006	*	$ 24,432,508	0.878	$ 21,460,505
1-Dec-22	24	3.0%	36	14.8%	$ 34,954,850	$ 2,446,840	*	$ 32,508,011	0.872	$ 28,349,123
1-Dec-23	12	0.3%	24	3.2%	$ 29,984,500	$ 879,359	*	$ 29,105,141	0.855	$ 24,878,940
1-Dec-24	0	0.0%	12	0.3%	$ 30,900,000	$ 95,479	*	$ 30,804,521	0.826	$ 25,438,114
Total					$ 476,208,175	$30,023,904		$ 446,184,271		$ 380,553,181

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 7% per actuarial judgement**

Cook County, Illinois
Law Enforcement Liability
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid		Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	99.0%	312	99.2%	$ 159,959,935	$11,197,195	*	$ 148,762,739	0.877	$ 130,407,999
1-Dec-01	288	98.6%	300	99.0%	$ 3,956,879	$ 276,982	*	$ 3,679,898	0.876	$ 3,224,820
1-Dec-02	276	98.2%	288	98.6%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-03	264	97.7%	276	98.2%	$ -	$ -	*	$ -	0.874	$ -
1-Dec-04	252	96.9%	264	97.7%	$ 4,742,256	$ 331,958	*	$ 4,410,299	0.870	$ 3,837,281
1-Dec-05	240	96.6%	252	96.9%	$ 14,223,430	$ 995,640	*	$ 13,227,790	0.873	$ 11,548,865
1-Dec-06	228	96.2%	240	96.6%	$ -	$ -	*	$ -	0.853	$ -
1-Dec-07	216	95.7%	228	96.2%	$ -	$ -	*	$ -	0.837	$ -
1-Dec-08	204	95.3%	216	95.7%	$ -	$ -	*	$ -	0.821	$ -
1-Dec-09	192	94.9%	204	95.3%	$ 7,715	$ 540	*	$ 7,175	0.806	$ 5,783
1-Dec-10	180	94.5%	192	94.9%	$ 2,123,902	$ 148,673	*	$ 1,975,228	0.791	$ 1,562,504
1-Dec-11	168	94.0%	180	94.5%	$ 9,448,309	$ 661,382	*	$ 8,786,927	0.776	$ 6,822,686
1-Dec-12	156	93.5%	168	93.9%	$ 477,649	$ 32,164	*	$ 445,485	0.763	$ 339,735
1-Dec-13	144	93.0%	156	93.5%	$ 15,389,046	$ 966,712	*	$ 14,422,334	0.749	$ 10,802,597
1-Dec-14	132	92.3%	144	93.0%	$ 6,464,426	$ 452,510	*	$ 6,011,916	0.736	$ 4,422,809
1-Dec-15	120	91.1%	132	92.3%	$ 1,754,472	$ 122,813	*	$ 1,631,659	0.731	$ 1,192,707
1-Dec-16	108	88.7%	120	91.1%	$ 8,124,012	$ 568,681	*	$ 7,555,332	0.741	$ 5,599,394
1-Dec-17	96	84.2%	108	88.5%	$ 11,030,714	$ 772,150	*	$ 10,258,564	0.769	$ 7,891,540
1-Dec-18	84	79.4%	96	84.2%	$ 7,467,531	$ 522,727	*	$ 6,944,804	0.804	$ 5,585,895
1-Dec-19	72	64.5%	84	79.1%	$ 13,242,775	$ 926,994	*	$ 12,315,781	0.821	$ 10,110,859
1-Dec-20	60	51.8%	72	64.5%	$ 13,803,315	$ 966,232	*	$ 12,837,083	0.867	$ 11,134,323
1-Dec-21	48	32.5%	60	51.8%	$ 20,818,340	$ 1,457,284	*	$ 19,361,057	0.872	$ 16,884,905
1-Dec-22	36	14.8%	48	32.5%	$ 30,762,940	$ 2,153,406	*	$ 28,609,534	0.878	$ 25,129,432
1-Dec-23	24	3.2%	36	14.8%	$ 29,105,141	$ 2,037,360	*	$ 27,067,781	0.872	$ 23,604,886
1-Dec-24	12	0.3%	24	3.2%	$ 30,804,521	$ 903,408	*	$ 29,901,114	0.855	$ 25,559,334
1-Dec-25	0	0.0%	12	0.3%	$ 32,000,000	$ 98,878	*	$ 31,901,122	0.826	$ 26,343,678
Total					$ 415,707,311	$25,593,688		$ 390,113,623		$ 332,012,029

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 7% per actuarial judgement**

Cook County, Illinois
Law Enforcement Liability
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid		Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	99.2%	324	99.4%	$ 120,289,057	$ 8,420,234	*	$ 111,868,823	0.877	$ 98,097,621
1-Dec-01	300	99.0%	312	99.2%	$ 2,978,155	$ 208,471	*	$ 2,769,684	0.877	$ 2,427,953
1-Dec-02	288	98.6%	300	99.0%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-03	276	98.2%	288	98.6%	$ -	$ -	*	$ -	0.876	$ -
1-Dec-04	264	97.7%	276	98.2%	$ 3,516,459	$ 246,152	*	$ 3,270,307	0.874	$ 2,857,021
1-Dec-05	252	96.9%	264	97.7%	$ 12,811,362	$ 896,795	*	$ 11,914,567	0.870	$ 10,366,541
1-Dec-06	240	96.6%	252	96.9%	$ -	$ -	*	$ -	0.873	$ -
1-Dec-07	228	96.2%	240	96.6%	$ -	$ -	*	$ -	0.853	$ -
1-Dec-08	216	95.7%	228	96.2%	$ -	$ -	*	$ -	0.837	$ -
1-Dec-09	204	95.3%	216	95.7%	$ 7,084	$ 496	*	$ 6,588	0.821	$ 5,410
1-Dec-10	192	94.9%	204	95.3%	$ 1,963,787	$ 137,465	*	$ 1,826,322	0.806	$ 1,471,965
1-Dec-11	180	94.5%	192	94.9%	$ 8,755,452	$ 612,882	*	$ 8,142,571	0.791	$ 6,441,177
1-Dec-12	168	93.9%	180	94.3%	$ 445,485	$ 31,184	*	$ 414,301	0.776	$ 321,688
1-Dec-13	156	93.5%	168	93.9%	$ 14,422,334	$ 971,170	*	$ 13,451,164	0.763	$ 10,258,088
1-Dec-14	144	93.0%	156	93.5%	$ 5,886,157	$ 369,758	*	$ 5,516,399	0.749	$ 4,131,885
1-Dec-15	132	92.3%	144	93.0%	$ 1,507,962	$ 105,557	*	$ 1,402,405	0.736	$ 1,031,712
1-Dec-16	120	91.1%	132	92.3%	$ 6,383,457	$ 446,842	*	$ 5,936,615	0.731	$ 4,339,534
1-Dec-17	108	88.5%	120	91.0%	$ 8,038,232	$ 562,676	*	$ 7,475,556	0.741	$ 5,540,271
1-Dec-18	96	84.2%	108	88.5%	$ 5,723,723	$ 400,661	*	$ 5,323,062	0.769	$ 4,094,838
1-Dec-19	84	79.1%	96	84.0%	$ 7,798,338	$ 545,884	*	$ 7,252,454	0.804	$ 5,833,346
1-Dec-20	72	64.5%	84	79.1%	$ 10,147,462	$ 710,322	*	$ 9,437,140	0.821	$ 7,747,587
1-Dec-21	60	51.8%	72	64.5%	$ 14,880,780	$ 1,041,655	*	$ 13,839,125	0.867	$ 12,003,450
1-Dec-22	48	32.5%	60	51.8%	$ 24,377,482	$ 1,706,424	*	$ 22,671,058	0.872	$ 19,771,579
1-Dec-23	36	14.8%	48	32.5%	$ 25,614,749	$ 1,793,032	*	$ 23,821,716	0.878	$ 20,924,011
1-Dec-24	24	3.2%	36	14.8%	$ 29,901,114	$ 2,093,078	*	$ 27,808,036	0.872	$ 24,250,436
1-Dec-25	12	0.3%	24	3.2%	$ 31,901,122	$ 935,568	*	$ 30,965,555	0.855	$ 26,469,213
1-Dec-26	0	0.0%	12	0.3%	$ 33,100,000	$ 102,277	*	$ 32,997,723	0.826	$ 27,249,242
Total					$ 370,449,754	$22,338,582		$ 348,111,171		$ 295,634,570

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 7% per actuarial judgement**

Cook County, Illinois
Law Enforcement Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	2/14/1982	17,000,000	17,000,000	-
Prior	9/30/1982	5,000,000	-	5,000,000
Prior	8/28/1987	5,000,000	-	5,000,000
Prior	5/28/1988	7,250,000	7,250,000	-
Prior	4/29/1989	5,000,000	-	5,000,000
Prior	5/30/1989	5,000,000	-	5,000,000
Prior	1/29/1990	5,000,000	-	5,000,000
Prior	1/29/1990	5,000,000	-	5,000,000
Prior	7/18/1991	5,000,000	-	5,000,000
Prior	3/6/1992	5,000,000	-	5,000,000
Prior	4/30/1992	3,100,000	3,100,000	-
Prior	2/10/1993	5,000,000	-	5,000,000
Prior	2/11/1993	5,000,000	-	5,000,000
Prior	6/9/1993	4,850,000	4,850,000	-
Prior	6/28/1993	4,850,000	4,850,000	-
Prior	7/29/1993	3,100,000	3,100,000	-
Prior	6/16/1994	5,000,000	-	5,000,000
Prior	8/23/1994	8,000,000	-	8,000,000
Prior	12/8/1994	5,000,000	-	5,000,000
Prior	8/11/1995	2,400,000	2,400,000	-
Prior	1/30/1996	5,000,000	-	5,000,000
Prior	4/1/1996	10,750,000	10,750,000	-
Prior	8/1/1996	3,100,000	3,100,000	-
Prior	8/21/1996	5,000,000	-	5,000,000
Prior	5/13/1997	16,000,000	-	16,000,000
Prior	7/18/1997	15,000,000	-	15,000,000
Prior	1/15/1998	8,000,000	-	8,000,000
Prior	1/20/1998	7,250,000	7,250,000	-

Cook County, Illinois
Law Enforcement Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	2/9/1998	13,000,000	-	13,000,000
Prior	2/9/1998	15,000,000	-	15,000,000
Prior	4/5/1998	1,500,000	1,500,000	-
Prior	11/11/1998	7,250,000	-	7,250,000
Prior	3/23/2000	5,000,000	-	5,000,000
Prior	3/23/2000	3,100,000	3,100,000	-
Prior	3/23/2000	3,100,000	3,100,000	-
Prior	11/1/2000	5,000,000	-	5,000,000
Prior	3/19/2001	2,400,000	2,400,000	-
Prior	8/7/2001	3,100,000	3,100,000	-
Prior	8/7/2001	3,500,000	-	3,500,000
Prior	8/7/2001	3,100,000	3,100,000	-
Prior	8/28/2001	5,000,000	-	5,000,000
12/1/2001	11/14/2002	5,000,000	-	5,000,000
12/1/2003	1/13/2004	48,207,272	48,207,272	-
12/1/2003	2/5/2004	4,590,875	4,590,875	-
12/1/2003	9/22/2004	3,100,000	3,100,000	-
12/1/2004	8/26/2005	5,000,000	-	5,000,000
12/1/2005	12/5/2005	5,000,000	-	5,000,000
12/1/2005	2/21/2006	1,000,000	1,000,000	-
12/1/2005	8/31/2006	15,000,000	-	15,000,000
12/1/2007	1/20/2008	5,563,000	5,563,000	-
12/1/2007	8/29/2008	4,100,000	4,100,000	-
12/1/2007	9/3/2008	1,400,000	1,400,000	-
12/1/2009	4/27/2010	3,214,250	3,214,250	-
12/1/2010	1/1/2011	1,000,000	-	1,000,000
12/1/2010	11/16/2011	5,625,000	5,625,000	-
12/1/2010	11/16/2011	7,990,000	7,990,000	-

Cook County, Illinois
Law Enforcement Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2010	11/16/2011	7,990,000	7,990,000	-
12/1/2010	11/16/2011	7,990,000	7,990,000	-
12/1/2011	1/3/2012	5,000,000	-	5,000,000
12/1/2011	10/2/2012	2,000,000	-	2,000,000
12/1/2012	9/1/2013	3,750,000	3,750,000	-
12/1/2012	9/19/2013	1,500,000	1,500,000	-
12/1/2013	12/23/2013	15,000,000	-	15,000,000
12/1/2013	1/7/2014	3,000,000	3,000,000	-
12/1/2013	10/12/2014	4,750,000	4,750,000	-
12/1/2014	4/9/2015	6,000,000	-	6,000,000
12/1/2015	3/22/2016	1,700,000	1,700,000	-
12/1/2015	5/11/2016	1,300,000	1,300,000	-
12/1/2016	1/1/2017	3,153,188	3,153,188	-
12/1/2016	5/2/2017	3,250,000	3,250,000	-
12/1/2016	7/13/2017	5,000,000	-	5,000,000
12/1/2016	11/29/2017	2,500,000	-	2,500,000
12/1/2017	3/29/2018	2,000,000	-	2,000,000
12/1/2017	4/12/2018	2,000,000	-	2,000,000
12/1/2017	11/6/2018	5,000,000	-	5,000,000
12/1/2018	1/1/2019	3,000,000	-	3,000,000
12/1/2018	3/2/2019	1,000,000	1,000,000	-
12/1/2018	6/9/2019	1,500,000	-	1,500,000
12/1/2018	10/30/2019	1,850,000	1,850,000	-
12/1/2019	2/1/2020	1,000,000	1,000,000	-
12/1/2019	6/4/2020	1,500,000	-	1,500,000
12/1/2019	9/29/2020	2,000,000	-	2,000,000
12/1/2019	10/23/2020	4,000,000	-	4,000,000
12/1/2019	11/16/2020	2,000,000	2,000,000	-

Cook County, Illinois
Law Enforcement Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2020	12/1/2020	1,959,361	1,959,361	-
12/1/2020	3/3/2021	1,000,000	-	1,000,000
12/1/2020	9/16/2021	3,000,000	-	3,000,000
12/1/2020	10/21/2021	2,000,000	-	2,000,000
12/1/2020	10/31/2021	1,500,000	1,500,000	-
12/1/2021	12/30/2021	1,000,000	-	1,000,000
12/1/2021	6/10/2022	1,000,000	-	1,000,000
12/1/2021	6/14/2022	2,500,000	-	2,500,000
12/1/2021	7/21/2022	2,000,000	-	2,000,000
12/1/2021	8/13/2022	2,500,000	-	2,500,000
12/1/2022	2/23/2023	1,000,000	-	1,000,000
12/1/2022	3/2/2023	2,000,000	-	2,000,000
12/1/2022	4/1/2023	1,000,000	-	1,000,000
12/1/2022	8/8/2023	3,000,000	-	3,000,000
12/1/2023	12/6/2023	1,000,000	-	1,000,000
12/1/2023	12/25/2023	1,000,000	-	1,000,000

Aon Proprietary and Confidential

AON

Cook County, Illinois
Law Enforcement Liability
Occurrence
Indemnity and Expense
Incurred Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			16,697	38,697	39,622	56,822	136,722	253,722
12/1/2001															0	0	0	0	0	0	0	0	5,000	
12/1/2002														1,024	1,024	1,024	1,024	5,024	5,024	5,024	5,024	1,024		
12/1/2003													51,374	51,377	51,374	51,374	51,374	54,222	54,222	54,222	57,322			
12/1/2004												2,371	1,871	1,373	1,371	1,421	1,421	1,421	1,405	6,405				
12/1/2005											2,599	2,699	3,599	4,099	4,159	5,159	5,159	4,159	24,159					
12/1/2006										2,360	2,378	2,403	2,403	2,403	2,403	2,403	2,403	2,403						
12/1/2007									11,734	12,234	12,297	13,297	13,297	13,297	13,297	13,697	13,697							
12/1/2008								4,397	4,387	4,387	4,393	4,393	4,393	4,393	4,393	4,393								
12/1/2009							5,446	5,606	5,726	6,603	6,603	6,603	6,603	6,603	6,603									
12/1/2010						41,667	14,926	27,523	31,243	31,243	31,268	31,268	31,268	32,218										
12/1/2011					3,127	3,377	3,339	3,332	4,176	8,332	8,332	4,257	10,744											
12/1/2012				10,078	10,232	10,097	10,509	11,559	11,696	11,696	10,230	9,580												
12/1/2013			11,995	10,353	15,377	22,768	27,234	27,485	29,979	32,479	28,229													
12/1/2014		3,011	3,614	6,837	9,740	6,044	6,194	6,104	5,354	9,919														
12/1/2015	842	2,642	10,408	13,413	12,196	13,808	14,983	14,920	5,906															
12/1/2016	3,946	10,334	17,927	18,658	12,154	12,695	11,654	16,424																
12/1/2017	1,222	8,240	8,321	8,294	8,451	8,389	12,674																	
12/1/2018	2,214	6,074	19,637	6,618	9,000	12,959																		
12/1/2019	3,052	18,595	20,526	18,028	13,705																			
12/1/2020	2,169	10,269	23,431	11,600																				
12/1/2021	1,604	49,865	13,637																					
12/1/2022	20,771	10,204																						
12/1/2023	3,026																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			2.318	1.024	1.434	2.406	1.856	
12/1/2001																								
12/1/2002														1.000	1.000	1.000	4.905	1.000	1.000	1.000	0.204			
12/1/2003													1.000	1.000	1.000	1.000	1.055	1.000	1.000	1.057				
12/1/2004												0.789	0.734	0.999	1.036	1.000	1.000	0.989	4.559					
12/1/2005											1.038	1.333	1.139	1.015	1.240	1.000	0.806	5.809						
12/1/2006										1.008	1.011	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007									1.043	1.005	1.081	1.000	1.000	1.000	1.030	1.000								
12/1/2008								0.998	1.000	1.001	1.000	1.000	1.000	1.000	1.000									
12/1/2009							1.030	1.021	1.153	1.000	1.000	1.000	1.000	1.000										
12/1/2010						0.358	1.844	1.135	1.000	1.001	1.000	1.000	1.030											
12/1/2011					1.080	0.989	0.998	1.253	1.995	1.000	0.511	2.524												
12/1/2012				1.015	0.987	1.041	1.100	1.012	1.000	0.875	0.936													
12/1/2013			0.863	1.485	1.481	1.196	1.009	1.091	1.083	0.869														
12/1/2014		1.200	1.892	1.425	0.620	1.025	0.986	0.877	1.853															
12/1/2015	3.138	3.939	1.289	0.909	1.132	1.085	0.996	0.396																
12/1/2016	2.619	1.735	1.041	0.651	1.045	0.918	1.409																	
12/1/2017	6.745	1.010	0.997	1.019	0.993	1.511																		
12/1/2018	2.743	3.233	0.337	1.360	1.440																			
12/1/2019	6.093	1.104	0.878	0.760																				
12/1/2020	4.735	2.282	0.495																					
12/1/2021	31.088	0.273																						
12/1/2022	0.491																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	7.206	1.847	0.974	1.078	1.097	1.015	1.171	0.973	1.266	0.970	0.947	1.206	0.988	1.002	1.044	1.000	1.753	2.199	2.219	1.027	0.819	2.406	1.856	
3 Yr Average	12.105	1.220	0.570	1.046	1.159	1.171	1.130	0.788	1.312	0.915	0.816	1.508	1.010	1.000	1.010	1.000	0.935	2.599	2.186	NA	NA	NA	NA	
5 Yr Average	9.030	1.580	0.750	0.940	1.046	1.147	1.100	0.926	1.386	0.949	0.889	1.305	1.006	1.003	1.061	1.000	1.753	NA	NA	NA	NA	NA	NA	
3 Yr Wtd Average	2.866	0.732	0.570	0.946	1.150	1.127	1.141	0.850	1.150	0.891	0.905	1.154	1.022	1.000	1.020	1.000	0.889	1.334	1.082	1.052	1.296	NA	NA	
5 Yr Wtd Average	3.187	0.919	0.703	0.854	1.046	1.142	1.084	0.901	1.136	0.937	0.922	1.108	1.016	1.002	1.057	1.000	1.095	1.308	1.349	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	4.735	1.104	0.495	1.019	1.045	1.085	0.996	0.877	1.083	0.875	0.936	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (5yr X 2)	4.524	1.465	0.790	0.896	1.056	1.102	1.035	0.993	1.312	0.958	0.979	1.000	1.000	1.000	1.022	1.000	1.018	NA	NA	NA	NA	NA	NA	
Prior	3.400	2.056	1.150	1.129	1.100	1.050	1.040	1.040	1.020	1.010	1.008	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.004	1.004	1.003	1.003	1.006
Initial Selected	3.400	2.056	1.140	1.129	1.100	1.059	1.040	1.040	1.030	1.010	1.008	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.004	1.004	1.003	1.003	1.010

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.021
Exponential Curve Fit																								1.007
Weibull Curve Fit																								1.010
Manual Entry																								
Selected Tail Method:	Weibull																							Tail
Final Link Ratio	**3.400**	**2.056**	**1.140**	**1.129**	**1.100**	**1.059**	**1.040**	**1.040**	**1.030**	**1.010**	**1.008**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.004**	**1.004**	**1.003**	**1.003**	**1.010**
Final CDF	**12.655**	**3.722**	**1.810**	**1.588**	**1.406**	**1.279**	**1.208**	**1.161**	**1.117**	**1.085**	**1.074**	**1.065**	**1.060**	**1.055**	**1.050**	**1.044**	**1.039**	**1.034**	**1.029**	**1.024**	**1.020**	**1.016**	**1.013**	**1.010**

Industry Factor Source: AM Bests GL Occ

Aon Proprietary and Confidential

AON

Cook County, Illinois
Law Enforcement Liability
Occurrence
Indemnity and Expense
Paid Development Triangle
Data Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			1,697	1,697	2,522	13,722	31,722	82,472
12/1/2001															0	0	0	0	0	0	0	0	0	
12/1/2002														1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024		
12/1/2003													51,374	51,374	51,374	51,374	51,374	54,222	54,222	54,222	57,322			
12/1/2004												1,371	1,371	1,371	1,371	1,371	1,371	1,371	1,405	1,405				
12/1/2005											2,599	2,599	2,599	2,599	2,659	2,659	2,659	3,659	3,659					
12/1/2006										2,335	2,338	2,403	2,403	2,403	2,403	2,403	2,403	2,403						
12/1/2007									6,734	6,734	12,297	12,297	12,297	12,297	12,297	13,697	13,697							
12/1/2008								4,187	4,387	4,387	4,393	4,393	4,393	4,393	4,393	4,393								
12/1/2009							5,401	5,475	5,625	6,602	6,602	6,602	6,602	6,602	6,602									
12/1/2010						1,516	7,171	7,173	31,143	31,143	31,168	31,168	31,168	31,168										
12/1/2011					1,926	3,159	3,259	3,329	3,329	3,329	3,329	3,329	3,742											
12/1/2012				1,957	3,259	7,292	9,539	9,558	9,565	9,565	9,580	9,580												
12/1/2013			1,507	7,864	8,761	9,263	9,972	9,975	10,229	13,229	13,229													
12/1/2014		340	1,145	1,623	2,848	2,894	3,544	3,844	3,879	3,879														
12/1/2015	1	373	1,227	3,589	4,299	4,339	5,656	5,767	5,767															
12/1/2016	3,272	3,662	4,602	4,800	8,081	8,385	8,464	8,649																
12/1/2017	12	819	1,078	1,419	2,614	2,667	2,809																	
12/1/2018	11	68	254	2,485	2,743	4,598																		
12/1/2019	4	44	1,131	1,592	3,986																			
12/1/2020	0	2,062	2,124	3,689																				
12/1/2021	0	86	228																					
12/1/2022	26	45																						
12/1/2023	16																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.486	5.441	2.312	2.600	
12/1/2001																								
12/1/2002														1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
12/1/2003													1.000	1.000	1.000	1.000	1.055	1.000	1.000	1.057				
12/1/2004												1.000	1.000	1.000	1.000	1.000	1.000	1.025	1.000					
12/1/2005											1.000	1.000	1.000	1.023	1.000	1.000	1.376	1.000						
12/1/2006										1.001	1.028	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007									1.000	1.826	1.000	1.000	1.000	1.000	1.114	1.000								
12/1/2008								1.048	1.000	1.001	1.000	1.000	1.000	1.000	1.000									
12/1/2009							1.014	1.027	1.174	1.000	1.000	1.000	1.000	1.000										
12/1/2010						4.729	1.000	4.342	1.000	1.001	1.000	1.000	1.000											
12/1/2011					1.640	1.031	1.022	1.000	1.000	1.000	1.000	1.124												
12/1/2012				1.666	2.238	1.308	1.002	1.001	1.000	1.002	1.000													
12/1/2013			5.217	1.114	1.057	1.077	1.000	1.025	1.293	1.000														
12/1/2014		3.371	1.418	1.755	1.016	1.225	1.085	1.009	1.000															
12/1/2015	746.246	3.290	2.924	1.198	1.009	1.303	1.020	1.000																
12/1/2016	1.119	1.257	1.043	1.684	1.038	1.009	1.022																	
12/1/2017	66.837	1.317	1.316	1.842	1.020	1.053																		
12/1/2018	6.395	3.750	9.773	1.104	1.676																			
12/1/2019	12.700	25.440	1.408	2.504																				
12/1/2020		1.030	1.737																					
12/1/2021		2.658																						
12/1/2022	1.737																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	139.172	5.264	3.105	1.608	1.337	1.592	1.021	1.432	1.058	1.104	1.003	1.016	1.000	1.003	1.016	1.000	1.086	1.006	1.000	1.181	3.221	2.312	2.600	
3 Yr Average	NA	9.709	4.306	1.817	1.245	1.122	1.042	1.012	1.098	1.001	1.000	1.041	1.000	1.000	1.038	1.000	1.125	1.008	1.000	NA	NA	NA	NA	
5 Yr Average	NA	6.839	3.055	1.666	1.152	1.133	1.026	1.007	1.059	1.000	1.000	1.025	1.000	1.005	1.023	1.000	1.086	NA	NA	NA	NA	NA	NA	
3 Yr Wtd Average	84.343	1.589	2.213	1.700	1.165	1.100	1.034	1.015	1.127	1.001	1.000	1.010	1.000	1.000	1.073	1.000	1.155	1.001	1.000	1.056	4.158	NA	NA	
5 Yr Wtd Average	57.485	1.564	1.522	1.565	1.112	1.105	1.017	1.009	1.052	1.001	1.000	1.007	1.000	1.002	1.061	1.000	1.065	1.001	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	NA	2.658	1.737	1.842	1.038	1.053	1.022	1.009	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (5yr X 2)	NA	2.575	1.487	1.575	1.025	1.118	1.015	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.018	NA	NA	NA	NA	NA	NA	
Prior	10.500	4.693	2.250	1.614	1.260	1.250	1.070	1.060	1.030	1.018	1.010	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.004	1.009	1.006	1.005	1.008
Initial Selected	10.500	4.650	2.232	1.620	1.260	1.240	1.065	1.055	1.030	1.015	1.008	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.004	1.009	1.006	1.005	1.016

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.016
Exponential Curve Fit																								1.005
Weibull Curve Fit																								1.002
Manual Entry																								
Selected Tail Method:	Inverse Power																							
																								Tail
Final Link Ratio	**10.500**	**4.650**	**2.232**	**1.620**	**1.260**	**1.240**	**1.065**	**1.055**	**1.030**	**1.015**	**1.008**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.005**	**1.004**	**1.009**	**1.006**	**1.005**	**1.016**
Final CDF	**353.662**	**33.682**	**7.243**	**3.246**	**2.003**	**1.590**	**1.282**	**1.204**	**1.141**	**1.108**	**1.091**	**1.083**	**1.077**	**1.072**	**1.067**	**1.061**	**1.056**	**1.051**	**1.046**	**1.040**	**1.036**	**1.027**	**1.021**	**1.016**

Industry Factor Source: AM Bests GL Occ

AON

Cook County, Illinois
Law Enforcement Liability
Occurrence
Indemnity and Expense
Reported Claim Count Triangle
Data Unlimited
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			103	105	106	108	109	139
12/1/2001															1	1	1	1	1	1	1	1	2	
12/1/2002														97	97	97	97	98	98	98	98	98		
12/1/2003													104	105	105	105	105	105	105	105	108			
12/1/2004												102	102	103	103	104	104	104	104	106				
12/1/2005											136	137	137	138	140	140	140	140	142					
12/1/2006										183	183	183	183	183	183	183	183	183						
12/1/2007									191	191	191	192	192	192	192	192	192							
12/1/2008								241	241	241	242	242	242	243	243	243								
12/1/2009							226	228	228	228	228	228	228	228	228									
12/1/2010						207	208	210	210	210	210	210	210	212										
12/1/2011					365	369	369	369	370	370	370	370	372											
12/1/2012				428	438	441	443	445	445	445	445	445												
12/1/2013			582	616	622	624	625	625	625	625	625													
12/1/2014		285	372	382	386	390	390	393	393	394														
12/1/2015	98	251	330	343	346	346	348	350	351															
12/1/2016	100	227	288	303	304	307	307	310																
12/1/2017	78	205	244	253	255	258	261																	
12/1/2018	58	131	160	167	173	177																		
12/1/2019	59	116	153	160	162																			
12/1/2020	14	65	97	106																				
12/1/2021	18	79	112																					
12/1/2022	41	96																						
12/1/2023	43																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.019	1.010	1.019	1.009	1.275	
12/1/2001															1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.000		
12/1/2002														1.000	1.000	1.000	1.010	1.000	1.000	1.000	1.000			
12/1/2003													1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.029				
12/1/2004												1.000	1.010	1.000	1.010	1.000	1.000	1.000	1.019					
12/1/2005											1.007	1.000	1.007	1.014	1.000	1.000	1.000	1.014						
12/1/2006										1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
12/1/2007									1.000	1.000	1.005	1.000	1.000	1.000	1.000	1.000								
12/1/2008								1.000	1.000	1.004	1.000	1.000	1.004	1.000	1.000									
12/1/2009							1.009	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12/1/2010						1.005	1.010	1.000	1.000	1.000	1.000	1.000	1.010											
12/1/2011					1.011	1.000	1.000	1.003	1.000	1.000	1.000	1.005												
12/1/2012				1.023	1.007	1.005	1.005	1.000	1.000	1.000	1.000													
12/1/2013			1.058	1.010	1.003	1.002	1.000	1.000	1.000	1.000														
12/1/2014		1.305	1.027	1.010	1.010	1.000	1.008	1.000	1.003															
12/1/2015	2.561	1.315	1.039	1.009	1.000	1.006	1.006	1.003																
12/1/2016	2.270	1.269	1.052	1.003	1.010	1.000	1.010																	
12/1/2017	2.628	1.190	1.037	1.008	1.012	1.012																		
12/1/2018	2.259	1.221	1.044	1.036	1.023																			
12/1/2019	1.966	1.319	1.046	1.013																				
12/1/2020	4.643	1.492	1.093																					
12/1/2021	4.389	1.418																						
12/1/2022	2.341																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	2.882	1.316	1.049	1.014	1.010	1.004	1.006	1.001	1.000	1.001	1.002	1.001	1.005	1.002	1.001	1.000	1.002	1.003	1.008	1.010	1.006	1.505	1.275	
3 Yr Average	3.791	1.410	1.061	1.019	1.015	1.006	1.008	1.001	1.001	1.000	1.000	1.002	1.005	1.000	1.000	1.000	1.000	1.005	1.006	1.010	1.006	NA	NA	
5 Yr Average	3.120	1.328	1.054	1.014	1.011	1.004	1.006	1.001	1.001	1.000	1.000	1.001	1.003	1.003	1.002	1.000	1.002	1.003	1.008	NA	NA	NA	NA	
3 Yr Wtd Average	3.288	1.392	1.056	1.017	1.014	1.005	1.008	1.001	1.001	1.000	1.000	1.002	1.004	1.000	1.000	1.000	1.000	1.006	1.007	1.015	1.010	NA	NA	
5 Yr Wtd Average	2.563	1.285	1.050	1.011	1.010	1.003	1.005	1.001	1.000	1.000	1.000	1.002	1.003	1.002	1.001	1.000	1.002	1.004	1.010	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	4.389	1.418	1.046	1.013	1.012	1.006	1.008	1.000	1.000	1.000	1.000	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	2.996	1.319	1.047	1.010	1.011	1.002	1.006	1.001	1.000	1.000	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.006	NA	NA	NA	NA	
Prior	2.410	1.278	1.045	1.015	1.012	1.008	1.005	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	2.410	1.289	1.045	1.015	1.012	1.008	1.008	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**2.410**	**1.289**	**1.045**	**1.015**	**1.012**	**1.008**	**1.008**	**1.003**	**1.003**	**1.002**	**1.002**	**1.002**	**1.002**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**3.442**	**1.428**	**1.108**	**1.060**	**1.045**	**1.032**	**1.024**	**1.016**	**1.013**	**1.010**	**1.008**	**1.006**	**1.004**	**1.002**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests GL Occ

Cook County, Illinois
Other Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period	Revenue (in 000s)	Retention	Reported Claims	Open Claims	Incurred	Paid	Case	Est IBNR	Total O/S	Ultimate	Ultimate Loss Rate
	(1)	(2)	(3)	(3a)	(4)	(5)	(6) [(4)-(5)]	(7)	(8) [(6)+(7)]	(9) [(4)+(7)]	(10) [(9)/(1)]
Historical Experience											
Prior	-	Various	1,594	1	96,113,655	96,113,455	200	345	545	96,114,000	
1-Dec-01	1,057,079	9,500,000	162	-	12,153,693	12,153,693	-	-	-	12,153,693	11.50
1-Dec-02	1,086,728	9,500,000	87	-	5,220,383	5,220,383	-	-	-	5,220,383	4.80
1-Dec-03	1,199,434	Various	74	-	16,951,620	16,951,620	-	-	-	16,951,620	14.13
1-Dec-04	1,189,789	10,000,000	61	1	11,024,316	10,924,316	100,000	35,684	135,684	11,060,000	9.30
1-Dec-05	1,357,723	10,000,000	94	-	4,023,510	4,023,510	-	-	-	4,023,510	2.96
1-Dec-06	1,243,144	10,000,000	140	3	10,593,160	6,971,160	3,622,000	86,840	3,708,840	10,680,000	8.59
1-Dec-07	1,207,801	10,000,000	78	-	1,287,951	1,287,951	-	-	-	1,287,951	1.07
1-Dec-08	1,303,812	10,000,000	87	-	5,056,400	5,056,400	-	-	-	5,056,400	3.88
1-Dec-09	1,287,986	10,000,000	98	-	1,711,869	1,711,869	-	-	-	1,711,869	1.33
1-Dec-10	1,293,078	10,000,000	85	2	7,609,703	7,558,703	51,000	10,297	61,297	7,620,000	5.89
1-Dec-11	1,331,769	10,000,000	55	4	2,786,791	2,735,791	51,000	13,209	64,209	2,800,000	2.10
1-Dec-12	1,285,791	Various	69	2	5,339,378	1,264,378	4,075,000	120,622	4,195,622	5,460,000	4.25
1-Dec-13	1,362,902	15,000,000	55	4	5,028,531	951,531	4,077,000	181,469	4,258,469	5,210,000	3.82
1-Dec-14	1,509,150	15,000,000	68	8	16,999,499	16,319,499	680,000	100,501	780,501	17,100,000	11.33
1-Dec-15	1,699,156	15,000,000	69	18	4,607,379	2,091,879	2,515,500	392,621	2,908,121	5,000,000	2.94
1-Dec-16	1,753,287	15,000,000	71	21	5,852,781	678,781	5,174,000	747,219	5,921,219	6,600,000	3.76
1-Dec-17	1,675,248	Various	54	17	7,273,430	6,543,430	730,000	726,571	1,456,571	8,000,000	4.78
1-Dec-18	1,719,805	20,000,000	56	22	5,696,386	1,607,286	4,089,100	1,103,614	5,192,714	6,800,000	3.95
1-Dec-19	1,547,010	Various	49	28	1,423,866	368,766	1,055,100	1,976,134	3,031,234	3,400,000	2.20
1-Dec-20	1,881,172	30,000,000	38	14	2,034,977	720,977	1,314,000	3,865,023	5,179,023	5,900,000	3.14
1-Dec-21	1,979,429	30,000,000	38	24	2,002,351	898,751	1,103,600	5,797,649	6,901,249	7,800,000	3.94
1-Dec-22	1,944,279	30,000,000	53	33	11,365,467	251,814	11,113,653	10,734,533	21,848,186	22,100,000	11.37
1-Dec-23	1,953,331	30,000,000	8	2	35,000	-	35,000	14,365,000	14,400,000	14,400,000	7.37
Total	33,868,903		3,243	204	242,192,094	202,405,940	39,786,153	40,257,332	80,043,485	282,449,425	5.50
Full Policy Period Projections											
1-Dec-24	2,060,006	30,000,000								16,200,000	7.88
1-Dec-25	2,080,606	30,000,000								16,600,000	7.96

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Summary of Various Reserving Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Chain Ladder			Bornhuetter-Ferguson		Generalized Cape Cod			
Policy Period Inception	Incurred	Paid	Outstanding	Incurred	Paid	Incurred	Paid	Freq/Sev	Selected Ultimate
Prior	$ 96,113,655	$ 96,113,455	$ 96,113,655	N/A	N/A	N/A	N/A	$ 96,113,655	$ 96,114,000
1-Dec-01	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ 12,153,693
1-Dec-02	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ 5,220,383
1-Dec-03	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ 16,951,620
1-Dec-04	$ 11,024,316	$ 10,924,316	$ 11,024,316	$ 11,024,316	$ 10,924,316	$ 11,024,316	$ 10,924,316	$ 11,024,316	$ 11,060,000
1-Dec-05	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ 4,023,510
1-Dec-06	$ 10,593,160	$ 6,975,252	$ 10,593,160	$ 10,593,160	$ 6,974,639	$ 10,593,160	$ 6,974,824	$ 10,593,160	$ 10,680,000
1-Dec-07	$ 1,287,951	$ 1,289,788	$ 1,287,951	$ 1,287,951	$ 1,296,401	$ 1,287,951	$ 1,295,597	$ 1,287,951	$ 1,287,951
1-Dec-08	$ 5,056,400	$ 5,069,678	$ 5,056,400	$ 5,056,400	$ 5,073,350	$ 5,056,400	$ 5,070,328	$ 5,056,400	$ 5,056,400
1-Dec-09	$ 1,711,869	$ 1,719,303	$ 1,711,869	$ 1,711,869	$ 1,740,073	$ 1,711,869	$ 1,732,876	$ 1,711,869	$ 1,711,869
1-Dec-10	$ 7,609,703	$ 7,610,104	$ 7,609,703	$ 7,609,703	$ 7,604,140	$ 7,609,703	$ 7,591,033	$ 7,609,703	$ 7,620,000
1-Dec-11	$ 2,786,791	$ 2,764,028	$ 2,786,791	$ 2,786,791	$ 2,808,170	$ 2,786,791	$ 2,782,275	$ 2,786,791	$ 2,800,000
1-Dec-12	$ 5,345,533	$ 1,283,815	$ 5,674,784	$ 5,348,081	$ 1,378,817	$ 5,346,280	$ 1,332,505	$ 5,345,533	$ 5,460,000
1-Dec-13	$ 5,044,003	$ 979,127	$ 5,526,444	$ 5,053,571	$ 1,181,607	$ 5,048,403	$ 1,085,889	$ 5,040,031	$ 5,210,000
1-Dec-14	$ 17,106,460	$ 17,115,710	$ 17,105,091	$ 17,056,863	$ 16,746,279	$ 17,045,889	$ 16,581,178	$ 17,070,559	$ 17,100,000
1-Dec-15	$ 4,661,163	$ 2,254,456	$ 5,086,551	$ 4,728,242	$ 2,847,234	$ 4,695,372	$ 2,487,042	$ 4,641,212	$ 5,000,000
1-Dec-16	$ 5,973,973	$ 760,531	$ 7,056,434	$ 6,077,317	$ 1,868,506	$ 6,004,412	$ 1,227,645	$ 6,031,712	$ 6,600,000
1-Dec-17	$ 7,534,849	$ 7,750,137	$ 7,482,733	$ 7,658,108	$ 8,269,774	$ 7,517,470	$ 7,298,279	$ 7,539,475	$ 8,000,000
1-Dec-18	$ 6,048,651	$ 2,060,865	$ 7,167,743	$ 6,365,365	$ 4,135,451	$ 6,087,759	$ 2,569,154	$ 6,026,501	$ 6,800,000
1-Dec-19	$ 1,582,265	$ 529,573	$ 1,942,794	$ 2,501,999	$ 3,638,995	$ 2,001,051	$ 1,461,731	$ 1,888,622	$ 3,400,000
1-Dec-20	$ 2,442,771	$ 1,249,693	$ 2,891,383	$ 4,277,807	$ 6,405,023	$ 3,194,847	$ 2,452,661	$ 2,704,597	$ 5,900,000
1-Dec-21	$ 2,733,497	$ 2,258,859	$ 2,884,441	$ 5,888,996	$ 9,648,055	$ 4,099,323	$ 3,441,039	$ 3,458,279	$ 7,800,000
1-Dec-22	$ 32,348,188	$ 1,834,783	$ 45,035,637	$ 20,844,627	$ 12,859,799	$ 17,306,269	$ 3,841,052	$ 24,702,290	$ 22,100,000
1-Dec-23	$ 501,388	$ -	$ 681,055	$ 13,998,824	$ 14,720,313	$ 8,668,985	$ 4,167,025	$ 2,126,101	$ 14,400,000
Total	$ 265,855,791	$ 208,892,679	$ 283,068,140	$ 178,219,195	$ 158,470,145	$ 165,435,455	$ 122,665,652	$ 261,107,962	$ 282,449,425

Column (2) : from Exhibit 3, Column (5)
Column (3) : from Exhibit 3, Column (8)
Column (4) : from Exhibit 3, Column (11)

Column (5) : from Exhibit 7, Column (11)
Column (6) : from Exhibit 8, Column (11)
Column (7) : from Exhibit 4, Column (11)
Column (8) : from Exhibit 5, Column (11)

Column (9) : from Exhibit 6, Column (11)

Column (10) : Ultimate

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Unpaid Liabilities at Various Discount Rates
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Unpaid Liabilities	
Policy Period Inception	Evaluation in Months	Retention	Selected Ultimate	Incurred Loss	Paid Loss	Case Reserves	Estimated IBNR	Undiscounted	Disc Rate 4.10%
Prior	288	Various	$ 96,114,000	$ 96,113,655	$ 96,113,455	$ 200	$ 345	$ 545	$ 14,166
1-Dec-01	276	$ 9,500,000	$ 12,153,693	$ 12,153,693	$ 12,153,693	$ -	$ -	$ -	$ -
1-Dec-02	264	$ 9,500,000	$ 5,220,383	$ 5,220,383	$ 5,220,383	$ -	$ -	$ -	$ -
1-Dec-03	252	Various	$ 16,951,620	$ 16,951,620	$ 16,951,620	$ -	$ -	$ -	$ -
1-Dec-04	240	$ 10,000,000	$ 11,060,000	$ 11,024,316	$ 10,924,316	$ 100,000	$ 35,684	$ 135,684	$ 4,070,534
1-Dec-05	228	$ 10,000,000	$ 4,023,510	$ 4,023,510	$ 4,023,510	$ -	$ -	$ -	$ -
1-Dec-06	216	$ 10,000,000	$ 10,680,000	$ 10,593,160	$ 6,971,160	$ 3,622,000	$ 86,840	$ 3,708,840	$ 3,635,069
1-Dec-07	204	$ 10,000,000	$ 1,287,951	$ 1,287,951	$ 1,287,951	$ -	$ -	$ -	$ -
1-Dec-08	192	$ 10,000,000	$ 5,056,400	$ 5,056,400	$ 5,056,400	$ -	$ -	$ -	$ -
1-Dec-09	180	$ 10,000,000	$ 1,711,869	$ 1,711,869	$ 1,711,869	$ -	$ -	$ -	$ -
1-Dec-10	168	$ 10,000,000	$ 7,620,000	$ 7,609,703	$ 7,558,703	$ 51,000	$ 10,297	$ 61,297	$ 57,040
1-Dec-11	156	$ 10,000,000	$ 2,800,000	$ 2,786,791	$ 2,735,791	$ 51,000	$ 13,209	$ 64,209	$ 59,273
1-Dec-12	144	Various	$ 5,460,000	$ 5,339,378	$ 1,264,378	$ 4,075,000	$ 120,622	$ 4,195,622	$ 3,847,952
1-Dec-13	132	$ 15,000,000	$ 5,210,000	$ 5,028,531	$ 951,531	$ 4,077,000	$ 181,469	$ 4,258,469	$ 3,947,525
1-Dec-14	120	$ 15,000,000	$ 17,100,000	$ 16,999,499	$ 16,319,499	$ 680,000	$ 100,501	$ 780,501	$ 722,658
1-Dec-15	108	$ 15,000,000	$ 5,000,000	$ 4,607,379	$ 2,091,879	$ 2,515,500	$ 392,621	$ 2,908,121	$ 2,680,441
1-Dec-16	96	$ 15,000,000	$ 6,600,000	$ 5,852,781	$ 678,781	$ 5,174,000	$ 747,219	$ 5,921,219	$ 5,428,003
1-Dec-17	84	Various	$ 8,000,000	$ 7,273,430	$ 6,543,430	$ 730,000	$ 726,571	$ 1,456,571	$ 1,327,787
1-Dec-18	72	$ 20,000,000	$ 6,800,000	$ 5,696,386	$ 1,607,286	$ 4,089,100	$ 1,103,614	$ 5,192,714	$ 4,708,009
1-Dec-19	60	Various	$ 3,400,000	$ 1,423,866	$ 368,766	$ 1,055,100	$ 1,976,134	$ 3,031,234	$ 2,732,366
1-Dec-20	48	$ 30,000,000	$ 5,900,000	$ 2,034,977	$ 720,977	$ 1,314,000	$ 3,865,023	$ 5,179,023	$ 4,653,471
1-Dec-21	36	$ 30,000,000	$ 7,800,000	$ 2,002,351	$ 898,751	$ 1,103,600	$ 5,797,649	$ 6,901,249	$ 6,201,071
1-Dec-22	24	$ 30,000,000	$ 22,100,000	$ 11,365,467	$ 251,814	$ 11,113,653	$ 10,734,533	$ 21,848,186	$ 19,649,181
1-Dec-23	12	$ 30,000,000	$ 14,400,000	$ 35,000	$ -	$ 35,000	$ 14,365,000	$ 14,400,000	$ 12,651,003
Total			$ 282,449,425	$ 242,192,094	$ 202,405,940	$ 39,786,153	$ 40,257,332	$ 80,043,485	$ 76,385,549

Column (4) : from Exhibit 1, Column (10)
Columns (5), (6), (7) : Exhibit 10

Column (8) : Column (4) - Column (5)
Column (9) : Column (4) - Column (6)
Column (9) : Column (10) discounted

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Incurred, Paid, & Outstanding "Chain Ladder" Methods
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Incurred Chain-Ladder			Paid Chain-Ladder			Outstanding Chain-Ladder		
Policy Period Inception	Evaluation in Months	Incurred Loss	Incurred LDF	Ultimate Loss	Paid Loss	Paid LDF	Ultimate Loss	Case Reserves	Outstanding LDF	Ultimate Loss
Prior	288	$ 96,113,655	1.000	$ 96,113,655	$ 96,113,455	1.000	$ 96,113,455	$ 200	1.000	$ 96,113,655
1-Dec-01	276	$ 12,153,693	1.000	$ 12,153,693	$ 12,153,693	1.000	$ 12,153,693	$ -	1.000	$ 12,153,693
1-Dec-02	264	$ 5,220,383	1.000	$ 5,220,383	$ 5,220,383	1.000	$ 5,220,383	$ -	1.000	$ 5,220,383
1-Dec-03	252	$ 16,951,620	1.000	$ 16,951,620	$ 16,951,620	1.000	$ 16,951,620	$ -	1.000	$ 16,951,620
1-Dec-04	240	$ 11,024,316	1.000	$ 11,024,316	$ 10,924,316	1.000	$ 10,924,316	$ 100,000	1.000	$ 11,024,316
1-Dec-05	228	$ 4,023,510	1.000	$ 4,023,510	$ 4,023,510	1.000	$ 4,023,510	$ -	1.000	$ 4,023,510
1-Dec-06	216	$ 10,593,160	1.000	$ 10,593,160	$ 6,971,160	1.001	$ 6,975,252	$ 3,622,000	1.000	$ 10,593,160
1-Dec-07	204	$ 1,287,951	1.000	$ 1,287,951	$ 1,287,951	1.001	$ 1,289,788	$ -	1.000	$ 1,287,951
1-Dec-08	192	$ 5,056,400	1.000	$ 5,056,400	$ 5,056,400	1.003	$ 5,069,678	$ -	1.000	$ 5,056,400
1-Dec-09	180	$ 1,711,869	1.000	$ 1,711,869	$ 1,711,869	1.004	$ 1,719,303	$ -	1.000	$ 1,711,869
1-Dec-10	168	$ 7,609,703	1.000	$ 7,609,703	$ 7,558,703	1.007	$ 7,610,104	$ 51,000	1.000	$ 7,609,703
1-Dec-11	156	$ 2,786,791	1.000	$ 2,786,791	$ 2,735,791	1.010	$ 2,764,028	$ 51,000	1.000	$ 2,786,791
1-Dec-12	144	$ 5,339,378	1.001	$ 5,345,533	$ 1,264,378	1.015	$ 1,283,815	$ 4,075,000	1.082	$ 5,674,784
1-Dec-13	132	$ 5,028,531	1.003	$ 5,044,003	$ 951,531	1.029	$ 979,127	$ 4,077,000	1.122	$ 5,526,444
1-Dec-14	120	$ 16,999,499	1.006	$ 17,106,460	$ 16,319,499	1.049	$ 17,115,710	$ 680,000	1.155	$ 17,105,091
1-Dec-15	108	$ 4,607,379	1.012	$ 4,661,163	$ 2,091,879	1.078	$ 2,254,456	$ 2,515,500	1.190	$ 5,086,551
1-Dec-16	96	$ 5,852,781	1.021	$ 5,973,973	$ 678,781	1.120	$ 760,531	$ 5,174,000	1.233	$ 7,056,434
1-Dec-17	84	$ 7,273,430	1.036	$ 7,534,849	$ 6,543,430	1.184	$ 7,750,137	$ 730,000	1.287	$ 7,482,733
1-Dec-18	72	$ 5,696,386	1.062	$ 6,048,651	$ 1,607,286	1.282	$ 2,060,865	$ 4,089,100	1.360	$ 7,167,743
1-Dec-19	60	$ 1,423,866	1.111	$ 1,582,265	$ 368,766	1.436	$ 529,573	$ 1,055,100	1.492	$ 1,942,794
1-Dec-20	48	$ 2,034,977	1.200	$ 2,442,771	$ 720,977	1.733	$ 1,249,693	$ 1,314,000	1.652	$ 2,891,383
1-Dec-21	36	$ 2,002,351	1.365	$ 2,733,497	$ 898,751	2.513	$ 2,258,859	$ 1,103,600	1.799	$ 2,884,441
1-Dec-22	24	$ 11,365,467	2.846	$ 32,348,188	$ 251,814	7.286	$ 1,834,783	$ 11,113,653	4.030	$ 45,035,637
1-Dec-23	12	$ 35,000	14.325	$ 501,388	$ -	51.512	$ -	$ 35,000	19.459	$ 681,055
Total		$ 242,192,094		$ 265,855,791	$ 202,405,940		$ 208,892,679	$ 39,786,153		$ 283,068,140

Columns (3), (6), (9) : Exhibit 10
Column (4) & (7) : from Exhibit 9
Column (5) : Column (3) X Column (4)

Column (8) : Column (6) X Column (7)
Column (10) : Outstanding LDF = (Incurred LDF - 1) X Paid LDF / (Paid LDF - Incurred LDF) + 1
Column (11) : Column (9) X Column (10) + Column (6)

AON

Exhibit 4

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Generalized Cape Cod Incurred Method
Losses Limited to Retentions

(1) Policy Period Inception	(2) Evaluation in Months	(3) Incurred Loss	(4) Loss Trend Factor	(5) Retention Adjustment Factor	(6) Trended Incurred Loss	(7) Trended Revenue (in 000s)	(8) Incurred LDF	(9) Expected Loss Rate	(10) Adjusted Expected Loss	(11) Ultimate Loss
1-Dec-01	276	$ 12,153,693	2.026	1.160	$ 28,567,905	1,314,672	1.000	14.01	$ 7,836,263	$ 12,153,693
1-Dec-02	264	$ 5,220,383	1.941	1.160	$ 11,754,072	1,338,165	1.000	13.14	$ 7,808,234	$ 5,220,383
1-Dec-03	252	$ 16,951,620	1.872	1.144	$ 36,298,804	1,463,537	1.000	12.94	$ 8,842,320	$ 16,951,620
1-Dec-04	240	$ 11,024,316	1.796	1.144	$ 22,643,990	1,436,204	1.000	11.57	$ 8,087,293	$ 11,024,316
1-Dec-05	228	$ 4,023,510	1.730	1.144	$ 7,963,784	1,622,690	1.000	9.99	$ 8,191,789	$ 4,023,510
1-Dec-06	216	$ 10,593,160	1.667	1.144	$ 20,196,654	1,471,041	1.000	9.09	$ 7,013,234	$ 10,593,160
1-Dec-07	204	$ 1,287,951	1.603	1.144	$ 2,362,285	1,416,241	1.000	7.83	$ 6,044,845	$ 1,287,951
1-Dec-08	192	$ 5,056,400	1.570	1.144	$ 9,081,634	1,512,431	1.000	7.15	$ 6,022,731	$ 5,056,400
1-Dec-09	180	$ 1,711,869	1.524	1.144	$ 2,983,583	1,479,280	1.000	6.61	$ 5,606,105	$ 1,711,869
1-Dec-10	168	$ 7,609,703	1.468	1.144	$ 12,783,055	1,470,424	1.000	6.47	$ 5,660,693	$ 7,609,703
1-Dec-11	156	$ 2,786,791	1.423	1.144	$ 4,536,394	1,500,670	1.000	6.14	$ 5,665,011	$ 2,786,791
1-Dec-12	144	$ 5,339,378	1.374	1.061	$ 7,781,224	1,433,328	1.001	6.10	$ 5,994,682	$ 5,346,280
1-Dec-13	132	$ 5,028,531	1.335	1.061	$ 7,121,137	1,504,244	1.003	6.10	$ 6,478,447	$ 5,048,403
1-Dec-14	120	$ 16,999,499	1.303	1.061	$ 23,484,704	1,649,167	1.006	6.22	$ 7,419,321	$ 17,045,889
1-Dec-15	108	$ 4,607,379	1.273	1.061	$ 6,219,871	1,839,943	1.012	5.60	$ 7,625,842	$ 4,695,372
1-Dec-16	96	$ 5,852,781	1.230	1.061	$ 7,632,790	1,878,203	1.021	5.19	$ 7,474,410	$ 6,004,412
1-Dec-17	84	$ 7,273,430	1.192	1.033	$ 8,957,911	1,776,835	1.036	4.88	$ 7,033,936	$ 7,517,470
1-Dec-18	72	$ 5,696,386	1.169	1.033	$ 6,883,022	1,806,034	1.062	4.50	$ 6,720,161	$ 6,087,759
1-Dec-19	60	$ 1,423,866	1.149	1.000	$ 1,635,698	1,609,825	1.111	4.11	$ 5,765,571	$ 2,001,051
1-Dec-20	48	$ 2,034,977	1.108	1.000	$ 2,254,284	1,936,567	1.200	3.97	$ 6,947,868	$ 3,194,847
1-Dec-21	36	$ 2,002,351	1.067	1.000	$ 2,136,627	2,017,542	1.365	4.15	$ 7,839,834	$ 4,099,323
1-Dec-22	24	$ 11,365,467	1.032	1.000	$ 11,727,467	1,962,094	2.846	4.82	$ 9,158,687	$ 17,306,269
1-Dec-23	12	$ 35,000	1.000	1.000	$ 35,000	1,953,331	14.325	4.75	$ 9,281,921	$ 8,668,985
Total		$ 146,078,439			$ 245,041,895	37,392,468			$ 164,519,199	$ 165,435,455

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Other Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Generalized Cape Cod Paid Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Paid Loss	Loss Trend Factor	Retention Adjustment Factor	Trended Paid Loss	Trended Revenue (in 000s)	Paid LDF	Expected Loss Rate	Adjusted Expected Loss	Ultimate Loss
1-Dec-01	276	$ 12,153,693	2.026	1.160	$ 28,567,905	1,314,672	1.000	13.64	$ 7,626,543	$ 12,153,693
1-Dec-02	264	$ 5,220,383	1.941	1.160	$ 11,754,072	1,338,165	1.000	12.72	$ 7,557,743	$ 5,220,383
1-Dec-03	252	$ 16,951,620	1.872	1.144	$ 36,298,804	1,463,537	1.000	12.44	$ 8,502,461	$ 16,951,620
1-Dec-04	240	$ 10,924,316	1.796	1.144	$ 22,438,590	1,436,204	1.000	10.95	$ 7,655,284	$ 10,924,316
1-Dec-05	228	$ 4,023,510	1.730	1.144	$ 7,963,784	1,622,690	1.000	9.22	$ 7,557,794	$ 4,023,510
1-Dec-06	216	$ 6,971,160	1.667	1.144	$ 13,291,039	1,471,041	1.001	8.10	$ 6,246,233	$ 6,974,824
1-Dec-07	204	$ 1,287,951	1.603	1.144	$ 2,362,285	1,416,241	1.001	6.95	$ 5,368,983	$ 1,295,597
1-Dec-08	192	$ 5,056,400	1.570	1.144	$ 9,081,634	1,512,431	1.003	6.32	$ 5,317,824	$ 5,070,328
1-Dec-09	180	$ 1,711,869	1.524	1.144	$ 2,983,583	1,479,280	1.004	5.72	$ 4,858,290	$ 1,732,876
1-Dec-10	168	$ 7,558,703	1.468	1.144	$ 12,697,383	1,470,424	1.007	5.47	$ 4,786,551	$ 7,591,033
1-Dec-11	156	$ 2,735,791	1.423	1.144	$ 4,453,375	1,500,670	1.010	4.94	$ 4,550,132	$ 2,782,275
1-Dec-12	144	$ 1,264,378	1.374	1.061	$ 1,842,613	1,433,328	1.015	4.58	$ 4,499,717	$ 1,332,505
1-Dec-13	132	$ 951,531	1.335	1.061	$ 1,347,507	1,504,244	1.029	4.49	$ 4,767,137	$ 1,085,889
1-Dec-14	120	$ 16,319,499	1.303	1.061	$ 22,545,288	1,649,167	1.049	4.71	$ 5,625,164	$ 16,581,178
1-Dec-15	108	$ 2,091,879	1.273	1.061	$ 2,823,995	1,839,943	1.078	4.02	$ 5,479,706	$ 2,487,042
1-Dec-16	96	$ 678,781	1.230	1.061	$ 885,219	1,878,203	1.120	3.55	$ 5,106,164	$ 1,227,645
1-Dec-17	84	$ 6,543,430	1.192	1.033	$ 8,058,848	1,776,835	1.184	3.36	$ 4,848,054	$ 7,298,279
1-Dec-18	72	$ 1,607,286	1.169	1.033	$ 1,942,105	1,806,034	1.282	2.92	$ 4,370,301	$ 2,569,154
1-Dec-19	60	$ 368,766	1.149	1.000	$ 423,629	1,609,825	1.436	2.57	$ 3,599,381	$ 1,461,731
1-Dec-20	48	$ 720,977	1.108	1.000	$ 798,676	1,936,567	1.733	2.34	$ 4,093,075	$ 2,452,661
1-Dec-21	36	$ 898,751	1.067	1.000	$ 959,020	2,017,542	2.513	2.23	$ 4,222,216	$ 3,441,039
1-Dec-22	24	$ 251,814	1.032	1.000	$ 259,835	1,962,094	7.286	2.19	$ 4,160,203	$ 3,841,052
1-Dec-23	12	$ -	1.000	1.000	$ -	1,953,331	51.512	2.18	$ 4,249,521	$ 4,167,025
Total		$ 106,292,485			$ 193,779,189	37,392,468			$ 125,048,476	$ 122,665,652

Column (3) : supplied by Cook County, Illinois
Column (4) : Aon Indices appropriate for coverage (Other Liability)
Column (5) : Exhibit 12 Column (4) scaled to the experience period's latest policy period
Column (6) : Column (3) X Column (4) X Column (5)

Column (7) : supplied by Cook County, Illinois, trended.
Column (8) : from Exhibit 9
Columns (9) and (10) : Quantities used in Cape Cod
Column (11) : Cape Cod estimated ultimate loss

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Frequency & Severity Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Evaluation in Months	Reported Claims	Claim CDF	Ultimate Claims	Severity LDF	Reported Severity	Ultimate Reported Severity	Unreported Claims	Ultimate Unreported Severity	Ultimate Loss
Prior	288	1,594	1.000	1,594	1.000	$ 60,297	$ 60,297	0	$ 63,468	$ 96,113,655
1-Dec-01	276	162	1.000	162	1.000	$ 75,023	$ 75,023	0	$ 66,972	$ 12,153,693
1-Dec-02	264	87	1.000	87	1.000	$ 60,004	$ 60,004	0	$ 72,093	$ 5,220,383
1-Dec-03	252	74	1.000	74	1.000	$ 229,076	$ 229,076	0	$ 79,541	$ 16,951,620
1-Dec-04	240	61	1.000	61	1.000	$ 180,726	$ 180,726	0	$ 81,482	$ 11,024,316
1-Dec-05	228	94	1.000	94	1.000	$ 42,803	$ 42,803	0	$ 78,728	$ 4,023,510
1-Dec-06	216	140	1.000	140	1.000	$ 75,665	$ 75,665	0	$ 76,934	$ 10,593,160
1-Dec-07	204	78	1.000	78	1.000	$ 16,512	$ 16,512	0	$ 74,168	$ 1,287,951
1-Dec-08	192	87	1.000	87	1.000	$ 58,120	$ 58,120	0	$ 72,395	$ 5,056,400
1-Dec-09	180	98	1.000	98	1.000	$ 17,468	$ 17,468	0	$ 71,701	$ 1,711,869
1-Dec-10	168	85	1.000	85	1.000	$ 89,526	$ 89,526	0	$ 76,119	$ 7,609,703
1-Dec-11	156	55	1.000	55	1.000	$ 50,669	$ 50,669	0	$ 79,444	$ 2,786,791
1-Dec-12	144	69	1.000	69	1.001	$ 77,382	$ 77,471	0	$ 91,871	$ 5,345,533
1-Dec-13	132	55	1.001	55	1.002	$ 91,428	$ 91,637	0	$ 99,445	$ 5,040,031
1-Dec-14	120	68	1.002	68	1.004	$ 249,993	$ 251,038	0	$ 108,142	$ 17,070,559
1-Dec-15	108	69	1.004	69	1.007	$ 66,774	$ 67,264	0	$ 104,618	$ 4,641,212
1-Dec-16	96	71	1.008	72	1.013	$ 82,434	$ 83,475	1	$ 104,966	$ 6,031,712
1-Dec-17	84	54	1.014	55	1.022	$ 134,693	$ 137,592	1	$ 109,497	$ 7,539,475
1-Dec-18	72	56	1.041	58	1.020	$ 101,721	$ 103,795	2	$ 106,998	$ 6,026,501
1-Dec-19	60	49	1.083	53	1.026	$ 29,058	$ 29,818	4	$ 106,891	$ 1,888,622
1-Dec-20	48	38	1.138	43	1.055	$ 53,552	$ 56,478	5	$ 111,689	$ 2,704,597
1-Dec-21	36	38	1.295	49	1.054	$ 52,693	$ 55,538	11	$ 122,530	$ 3,458,279
1-Dec-22	24	53	1.623	86	1.754	$ 214,443	$ 376,030	33	$ 144,627	$ 24,702,290
1-Dec-23	12	8	2.590	21	5.531	$ 4,375	$ 24,200	13	$ 148,654	$ 2,126,101
Total		3,243		3,313				70		$ 261,107,962

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : Column (3) X Column (4)
Column (6) : from {Exhibit 3, Column (4)} / Column (4)
Column (7) : from {Exhibit 3, Column (3)} / Column (3)

Column (8) : Column (6) X Column (7)
Column (9) : Column (5) - Column (3)
Column (10) : Weighted Average of Column (8) adjusted for Trend and Retention
Column (11) : Column (3) X Column (8) + Column (9) X Column (10)

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Incurred Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Incurred Losses	Incurred LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	IBNR Factor	IBNR	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 12,153,693	1.000	4.72	1.160	4.07	$ 4,298,356	0.000	$ -	$ 12,153,693
1-Dec-02	$ 9,500,000	$ 5,220,383	1.000	4.88	1.160	4.20	$ 4,567,503	0.000	$ -	$ 5,220,383
1-Dec-03	Various	$ 16,951,620	1.000	5.01	1.144	4.38	$ 5,252,640	0.000	$ -	$ 16,951,620
1-Dec-04	$ 10,000,000	$ 11,024,316	1.000	5.17	1.144	4.52	$ 5,373,655	0.000	$ -	$ 11,024,316
1-Dec-05	$ 10,000,000	$ 4,023,510	1.000	5.31	1.144	4.64	$ 6,300,518	0.000	$ -	$ 4,023,510
1-Dec-06	$ 10,000,000	$ 10,593,160	1.000	5.46	1.144	4.77	$ 5,929,606	0.000	$ -	$ 10,593,160
1-Dec-07	$ 10,000,000	$ 1,287,951	1.000	5.62	1.144	4.91	$ 5,934,161	0.000	$ -	$ 1,287,951
1-Dec-08	$ 10,000,000	$ 5,056,400	1.000	5.68	1.144	4.96	$ 6,471,546	0.000	$ -	$ 5,056,400
1-Dec-09	$ 10,000,000	$ 1,711,869	1.000	5.79	1.144	5.06	$ 6,522,856	0.000	$ -	$ 1,711,869
1-Dec-10	$ 10,000,000	$ 7,609,703	1.000	5.95	1.144	5.20	$ 6,727,145	0.000	$ -	$ 7,609,703
1-Dec-11	$ 10,000,000	$ 2,786,791	1.000	6.09	1.144	5.32	$ 7,084,903	0.000	$ -	$ 2,786,791
1-Dec-12	Various	$ 5,339,378	1.001	6.23	1.061	5.88	$ 7,558,634	0.001	$ 8,703	$ 5,348,081
1-Dec-13	$ 15,000,000	$ 5,028,531	1.003	6.35	1.061	5.99	$ 8,163,287	0.003	$ 25,040	$ 5,053,571
1-Dec-14	$ 15,000,000	$ 16,999,499	1.006	6.45	1.061	6.08	$ 9,174,254	0.006	$ 57,364	$ 17,056,863
1-Dec-15	$ 15,000,000	$ 4,607,379	1.012	6.54	1.061	6.16	$ 10,474,466	0.012	$ 120,863	$ 4,728,242
1-Dec-16	$ 15,000,000	$ 5,852,781	1.021	6.70	1.061	6.31	$ 11,068,187	0.020	$ 224,537	$ 6,077,317
1-Dec-17	Various	$ 7,273,430	1.036	6.84	1.033	6.62	$ 11,087,528	0.035	$ 384,678	$ 7,658,108
1-Dec-18	$ 20,000,000	$ 5,696,386	1.062	6.90	1.033	6.68	$ 11,486,860	0.058	$ 668,980	$ 6,365,365
1-Dec-19	Various	$ 1,423,866	1.111	6.96	1.000	6.96	$ 10,769,606	0.100	$ 1,078,133	$ 2,501,999
1-Dec-20	$ 30,000,000	$ 2,034,977	1.200	7.14	1.000	7.14	$ 13,435,027	0.167	$ 2,242,830	$ 4,277,807
1-Dec-21	$ 30,000,000	$ 2,002,351	1.365	7.34	1.000	7.34	$ 14,530,787	0.267	$ 3,886,646	$ 5,888,996
1-Dec-22	$ 30,000,000	$ 11,365,467	2.846	7.52	1.000	7.52	$ 14,613,625	0.649	$ 9,479,159	$ 20,844,627
1-Dec-23	$ 30,000,000	$ 35,000	14.325	7.69	1.000	7.69	$ 15,011,736	0.930	$ 13,963,824	$ 13,998,824
Total		$ 146,078,439					$ 201,836,885		$ 32,140,757	$ 178,219,195

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Revenue) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Paid Bornhuetter/Ferguson Method
Losses Limited to Retentions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Policy Period Inception	Retention	Paid Losses	Paid LDF	Expected Loss Rate	Retention Adjustment	Adjusted Expected Loss Rate	Expected Loss	Unpaid Factor	Unpaid	Expected Ultimate Loss
1-Dec-01	$ 9,500,000	$ 12,153,693	1.000	4.72	1.160	4.07	$ 4,298,356	0.000	$ -	$ 12,153,693
1-Dec-02	$ 9,500,000	$ 5,220,383	1.000	4.88	1.160	4.20	$ 4,567,503	0.000	$ -	$ 5,220,383
1-Dec-03	Various	$ 16,951,620	1.000	5.01	1.144	4.38	$ 5,252,640	0.000	$ -	$ 16,951,620
1-Dec-04	$ 10,000,000	$ 10,924,316	1.000	5.17	1.144	4.52	$ 5,373,655	0.000	$ -	$ 10,924,316
1-Dec-05	$ 10,000,000	$ 4,023,510	1.000	5.31	1.144	4.64	$ 6,300,518	0.000	$ -	$ 4,023,510
1-Dec-06	$ 10,000,000	$ 6,971,160	1.001	5.46	1.144	4.77	$ 5,929,606	0.001	$ 3,478	$ 6,974,639
1-Dec-07	$ 10,000,000	$ 1,287,951	1.001	5.62	1.144	4.91	$ 5,934,161	0.001	$ 8,450	$ 1,296,401
1-Dec-08	$ 10,000,000	$ 5,056,400	1.003	5.68	1.144	4.96	$ 6,471,546	0.003	$ 16,950	$ 5,073,350
1-Dec-09	$ 10,000,000	$ 1,711,869	1.004	5.79	1.144	5.06	$ 6,522,856	0.004	$ 28,204	$ 1,740,073
1-Dec-10	$ 10,000,000	$ 7,558,703	1.007	5.95	1.144	5.20	$ 6,727,145	0.007	$ 45,437	$ 7,604,140
1-Dec-11	$ 10,000,000	$ 2,735,791	1.010	6.09	1.144	5.32	$ 7,084,903	0.010	$ 72,379	$ 2,808,170
1-Dec-12	Various	$ 1,264,378	1.015	6.23	1.061	5.88	$ 7,558,634	0.015	$ 114,439	$ 1,378,817
1-Dec-13	$ 15,000,000	$ 951,531	1.029	6.35	1.061	5.99	$ 8,163,287	0.028	$ 230,076	$ 1,181,607
1-Dec-14	$ 15,000,000	$ 16,319,499	1.049	6.45	1.061	6.08	$ 9,174,254	0.047	$ 426,780	$ 16,746,279
1-Dec-15	$ 15,000,000	$ 2,091,879	1.078	6.54	1.061	6.16	$ 10,474,466	0.072	$ 755,355	$ 2,847,234
1-Dec-16	$ 15,000,000	$ 678,781	1.120	6.70	1.061	6.31	$ 11,068,187	0.107	$ 1,189,725	$ 1,868,506
1-Dec-17	Various	$ 6,543,430	1.184	6.84	1.033	6.62	$ 11,087,528	0.156	$ 1,726,345	$ 8,269,774
1-Dec-18	$ 20,000,000	$ 1,607,286	1.282	6.90	1.033	6.68	$ 11,486,860	0.220	$ 2,528,165	$ 4,135,451
1-Dec-19	Various	$ 368,766	1.436	6.96	1.000	6.96	$ 10,769,606	0.304	$ 3,270,229	$ 3,638,995
1-Dec-20	$ 30,000,000	$ 720,977	1.733	7.14	1.000	7.14	$ 13,435,027	0.423	$ 5,684,046	$ 6,405,023
1-Dec-21	$ 30,000,000	$ 898,751	2.513	7.34	1.000	7.34	$ 14,530,787	0.602	$ 8,749,304	$ 9,648,055
1-Dec-22	$ 30,000,000	$ 251,814	7.286	7.52	1.000	7.52	$ 14,613,625	0.863	$ 12,607,985	$ 12,859,799
1-Dec-23	$ 30,000,000	$ -	51.512	7.69	1.000	7.69	$ 15,011,736	0.981	$ 14,720,313	$ 14,720,313
Total		$ 106,292,485					$ 201,836,885		$ 52,177,660	$ 158,470,145

Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9
Column (5) : from Exhibit 12 detrended for exposure and loss
Column (6) : from Exhibit 12
Column (7) : Column (5) / Column (6)

Column (8) : Column (7) X Exposure (Revenue) supplied by Cook County, Illinois
Column (9) : 1 - 1 / Column (4)
Column (10) : Column (8) X Column (9)
Column (11) : Column (3) + Column (10)

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Assumptions & Factors Used in the Actuarial Analysis

(1) Policy Period Inception	(2) Incurred CDF	(3) Paid CDF	(4) Claim CDF	(5) Trend Factors Loss	(6) Trend Factors Exposure	(7) Revenue (in 000s)
Prior	1.000	1.000	1.000	2.078	1.251	-
1-Dec-01	1.000	1.000	1.000	2.026	1.244	1,057,079
1-Dec-02	1.000	1.000	1.000	1.941	1.231	1,086,728
1-Dec-03	1.000	1.000	1.000	1.872	1.220	1,199,434
1-Dec-04	1.000	1.000	1.000	1.796	1.207	1,189,789
1-Dec-05	1.000	1.000	1.000	1.730	1.195	1,357,723
1-Dec-06	1.000	1.001	1.000	1.667	1.183	1,243,144
1-Dec-07	1.000	1.001	1.000	1.603	1.173	1,207,801
1-Dec-08	1.000	1.003	1.000	1.570	1.160	1,303,812
1-Dec-09	1.000	1.004	1.000	1.524	1.149	1,287,986
1-Dec-10	1.000	1.007	1.000	1.468	1.137	1,293,078
1-Dec-11	1.000	1.010	1.000	1.423	1.127	1,331,769
1-Dec-12	1.001	1.015	1.000	1.374	1.115	1,285,791
1-Dec-13	1.003	1.029	1.001	1.335	1.104	1,362,902
1-Dec-14	1.006	1.049	1.002	1.303	1.093	1,509,150
1-Dec-15	1.012	1.078	1.004	1.273	1.083	1,699,156
1-Dec-16	1.021	1.120	1.008	1.230	1.071	1,753,287
1-Dec-17	1.036	1.184	1.014	1.192	1.061	1,675,248
1-Dec-18	1.062	1.282	1.041	1.169	1.050	1,719,805
1-Dec-19	1.111	1.436	1.083	1.149	1.041	1,547,010
1-Dec-20	1.200	1.733	1.138	1.108	1.029	1,881,172
1-Dec-21	1.365	2.513	1.295	1.067	1.019	1,979,429
1-Dec-22	2.846	7.286	1.623	1.032	1.009	1,944,279
1-Dec-23	14.325	51.512	2.590	1.000	1.000	1,953,331

Methods Included in Analysis :	**Chain Ladder**	**Inc. Cape Cod**	**Paid Cape Cod**	**Inc. B/F**	**Paid B/F**	**Freq/Severity**
Source Used for LDFs :	**Company Exclusively**					
LDF Annual Decay Rate (Incurred/F	**0.75**	**0.75**				
ELR for B/F Method :	**7.88**					
Generalized Cape Cod Decay Facto	**0.75**					
Loss Limitation :	**Exhibit 10, Column (5)**					
Discount Rates :	**4.10%**					

Column (2) : Company Exclusive
Column (3) : Company Exclusive
Column (4) : Company Exclusive
Column (5) : Aon Compilation of Estimated Trends
Column (6) : Flat 1.00%
Column (7) : supplied by Cook County, Illinois

AON

Exhibit 10

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Limited Loss Calculations

(1) Policy Period Inception	(2) Unlimited Incurred	(3) Unlimited Paid	(4) Unlimited Case O/S	(5) Retention	(6) Claims valued over the Retention No.	(7) Claims valued over the Retention Incurred	(8) Claims valued over the Retention No.	(9) Claims valued over the Retention Paid	(10) Limited Incurred	(11) Limited Paid	(12) Limited Case O/S
Prior	$ 96,113,655	$ 96,113,455	$ 200	Various	-	$ -	-	$ -	$ 96,113,655	$ 96,113,455	$ 200
1-Dec-01	$ 12,153,693	$ 12,153,693	$ -	$ 9,500,000	-	$ -	-	$ -	$ 12,153,693	$ 12,153,693	$ -
1-Dec-02	$ 5,220,383	$ 5,220,383	$ -	$ 9,500,000	-	$ -	-	$ -	$ 5,220,383	$ 5,220,383	$ -
1-Dec-03	$ 16,951,620	$ 16,951,620	$ -	Various	-	$ -	-	$ -	$ 16,951,620	$ 16,951,620	$ -
1-Dec-04	$ 11,024,316	$ 10,924,316	$ 100,000	$ 10,000,000	-	$ -	-	$ -	$ 11,024,316	$ 10,924,316	$ 100,000
1-Dec-05	$ 4,023,510	$ 4,023,510	$ -	$ 10,000,000	-	$ -	-	$ -	$ 4,023,510	$ 4,023,510	$ -
1-Dec-06	$ 10,593,160	$ 6,971,160	$ 3,622,000	$ 10,000,000	-	$ -	-	$ -	$ 10,593,160	$ 6,971,160	$ 3,622,000
1-Dec-07	$ 1,287,951	$ 1,287,951	$ -	$ 10,000,000	-	$ -	-	$ -	$ 1,287,951	$ 1,287,951	$ -
1-Dec-08	$ 5,056,400	$ 5,056,400	$ -	$ 10,000,000	-	$ -	-	$ -	$ 5,056,400	$ 5,056,400	$ -
1-Dec-09	$ 1,711,869	$ 1,711,869	$ -	$ 10,000,000	-	$ -	-	$ -	$ 1,711,869	$ 1,711,869	$ -
1-Dec-10	$ 7,609,703	$ 7,558,703	$ 51,000	$ 10,000,000	-	$ -	-	$ -	$ 7,609,703	$ 7,558,703	$ 51,000
1-Dec-11	$ 2,786,791	$ 2,735,791	$ 51,000	$ 10,000,000	-	$ -	-	$ -	$ 2,786,791	$ 2,735,791	$ 51,000
1-Dec-12	$ 5,339,378	$ 1,264,378	$ 4,075,000	Various	-	$ -	-	$ -	$ 5,339,378	$ 1,264,378	$ 4,075,000
1-Dec-13	$ 5,028,531	$ 951,531	$ 4,077,000	$ 15,000,000	-	$ -	-	$ -	$ 5,028,531	$ 951,531	$ 4,077,000
1-Dec-14	$ 19,027,332	$ 18,347,332	$ 680,000	$ 15,000,000	1	$ 17,027,833	1	$ 17,027,833	$ 16,999,499	$ 16,319,499	$ 680,000
1-Dec-15	$ 4,607,379	$ 2,091,879	$ 2,515,500	$ 15,000,000	-	$ -	-	$ -	$ 4,607,379	$ 2,091,879	$ 2,515,500
1-Dec-16	$ 5,852,781	$ 678,781	$ 5,174,000	$ 15,000,000	-	$ -	-	$ -	$ 5,852,781	$ 678,781	$ 5,174,000
1-Dec-17	$ 7,273,430	$ 6,543,430	$ 730,000	Various	-	$ -	-	$ -	$ 7,273,430	$ 6,543,430	$ 730,000
1-Dec-18	$ 5,696,386	$ 1,607,286	$ 4,089,100	$ 20,000,000	-	$ -	-	$ -	$ 5,696,386	$ 1,607,286	$ 4,089,100
1-Dec-19	$ 1,423,866	$ 368,766	$ 1,055,100	Various	-	$ -	-	$ -	$ 1,423,866	$ 368,766	$ 1,055,100
1-Dec-20	$ 2,034,977	$ 720,977	$ 1,314,000	$ 30,000,000	-	$ -	-	$ -	$ 2,034,977	$ 720,977	$ 1,314,000
1-Dec-21	$ 2,002,351	$ 898,751	$ 1,103,600	$ 30,000,000	-	$ -	-	$ -	$ 2,002,351	$ 898,751	$ 1,103,600
1-Dec-22	$ 11,365,467	$ 251,814	$ 11,113,653	$ 30,000,000	-	$ -	-	$ -	$ 11,365,467	$ 251,814	$ 11,113,653
1-Dec-23	$ 35,000	$ -	$ 35,000	$ 30,000,000	-	$ -	-	$ -	$ 35,000	$ -	$ 35,000
Total	$ 244,219,927	$ 204,433,773	$ 39,786,153		1	$ 17,027,833	1	$ 17,027,833	$ 242,192,094	$ 202,405,940	$ 39,786,153

Column (2) and Column (3) : Supplied by Cook County, Illinois
Column (4) : Column (2) - Column (3)
Column (5) : Individual loss limitation

Column (6) through Column (9) : supplied by Cook County, Illinois
Column (10) : Column (2) - Column (7) + [Column (5) x Column (6)]
Column (11) : Column (3) - Column (9) + [Column (5) x Column (8)]
Column (12) : Column (10) - Column (11)

AON

Exhibit 11

Cook County, Illinois
Other Liability

Other Liability Experience @ 11/30/24
Selected Ultimate Claim Counts

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Policy Period Inception	Trended Revenue (in 000s)	Reported Claims	Claim CDF	Chain-Ladder Developed Claims	Frequency Trend	Trended Developed Claims	Trended Frequency Rate	Bornhuetter -Ferguson Developed	Selected Trended Claims	Selected Untrended Claims	Trended Frequency Rate
1-Dec-01	1,314,672	162	1.000	162	1.000	162	0.01232%		162	162	0.01232%
1-Dec-02	1,338,165	87	1.000	87	1.000	87	0.00650%		87	87	0.00650%
1-Dec-03	1,463,537	74	1.000	74	1.000	74	0.00506%		74	74	0.00506%
1-Dec-04	1,436,204	61	1.000	61	1.000	61	0.00425%		61	61	0.00425%
1-Dec-05	1,622,690	94	1.000	94	1.000	94	0.00579%		94	94	0.00579%
1-Dec-06	1,471,041	140	1.000	140	1.000	140	0.00952%		140	140	0.00952%
1-Dec-07	1,416,241	78	1.000	78	1.000	78	0.00551%		78	78	0.00551%
1-Dec-08	1,512,431	87	1.000	87	1.000	87	0.00575%		87	87	0.00575%
1-Dec-09	1,479,280	98	1.000	98	1.000	98	0.00662%		98	98	0.00662%
1-Dec-10	1,470,424	85	1.000	85	1.000	85	0.00578%		85	85	0.00578%
1-Dec-11	1,500,670	55	1.000	55	1.000	55	0.00367%		55	55	0.00367%
1-Dec-12	1,433,328	69	1.000	69	1.000	69	0.00481%		69	69	0.00481%
1-Dec-13	1,504,244	55	1.001	55	1.000	55	0.00366%		55	55	0.00366%
1-Dec-14	1,649,167	68	1.002	68	1.000	68	0.00413%		68	68	0.00413%
1-Dec-15	1,839,943	69	1.004	69	1.000	69	0.00377%		69	69	0.00377%
1-Dec-16	1,878,203	71	1.008	72	1.000	72	0.00381%		72	72	0.00381%
1-Dec-17	1,776,835	54	1.014	55	1.000	55	0.00308%		55	55	0.00308%
1-Dec-18	1,806,034	56	1.041	58	1.000	58	0.00323%		58	58	0.00323%
1-Dec-19	1,609,825	49	1.083	53	1.000	53	0.00330%		53	53	0.00330%
1-Dec-20	1,936,567	38	1.138	43	1.000	43	0.00223%		43	43	0.00223%
1-Dec-21	2,017,542	38	1.295	49	1.000	49	0.00244%		49	49	0.00244%
1-Dec-22	1,962,094	53	1.623	86	1.000	86	0.00438%		86	86	0.00438%
1-Dec-23	1,953,331	8	2.590	21	1.000	21	0.00106%		21	21	0.00106%
Total	37,392,468	1,649		1,719		1,719	0.00460%		1,719	1,719	0.00460%

Column (2) : from Exhibit 4
Column (3) : supplied by Cook County, Illinois
Column (4) : from Exhibit 9

Column (5) : Column (3) x Column (4)
Column (6) : Assumption
Column (7) : Column (5) x Column (6)
Column (8) : Column (7) / Column (2)

Column (9) : Bornhuetter Method = (3) + (1.0 - 1.0 / (4)) x 0
Column (10) : Selected Trended Ultimate Claims
Column (11) : Column (10) / Column (6)
Column (12) : Column (10) / Column (2)

Selected Frequency Rate for Renewal Policy Period 1-Dec-24

Weighted Averages through and including Policy Period 1-Dec-23					
Last 5 Policies	9,479,359	252	0.00266%	252	0.00266%
Last 3 Policies	5,932,967	156	0.00263%	156	0.00263%
Last 2 Policies	3,915,425	107	0.00273%	107	0.00273%
Last 23 Policies	37,392,468	1,719	0.00460%	1,719	0.00460%

Selected Bornhuetter-Ferguson Frequency Rate	**0.00306%**
Factor to adjust the Claims / Exposure Trend Rate from Policy Period 1-Dec-23 to Renewal Period 1-Dec-24	0.989
Selected Frequency Rate adjusted to the Renewal Policy Period Level	0.00303%
Revenue for 1-Dec-24	2,060,006
Projected Count for 1-Dec-24	62

AON

Exhibit 12

Cook County, Illinois
Other Liability
Other Liability Experience @ 11/30/24
Losses Limited to Retentions

Policy Period Inception	(1) Incurred Loss	(2) Selected Ultimate Loss	(3) Loss Trend Factor	(4) Retention Adjustment Factor	(5) Trended Ultimate Loss	(6) Revenue (in 000s)	(7) Exposure Trend Factor	(8) Trended Revenue (in 000s)	(9) Trended Loss Rate
1-Dec-01	12,153,693	12,153,693	2.099	1.160	29,592,939	1,057,079	1.257	1,328,920	22.27
1-Dec-02	5,220,383	5,220,383	2.011	1.160	12,175,816	1,086,728	1.245	1,352,668	9.00
1-Dec-03	16,951,620	16,951,620	1.939	1.144	37,601,227	1,199,434	1.233	1,479,399	25.42
1-Dec-04	11,024,316	11,060,000	1.860	1.144	23,532,397	1,189,789	1.220	1,451,769	16.21
1-Dec-05	4,023,510	4,023,510	1.792	1.144	8,249,530	1,357,723	1.208	1,640,277	5.03
1-Dec-06	10,593,160	10,680,000	1.726	1.144	21,092,829	1,243,144	1.196	1,486,983	14.18
1-Dec-07	1,287,951	1,287,951	1.661	1.144	2,447,046	1,207,801	1.185	1,431,590	1.71
1-Dec-08	5,056,400	5,056,400	1.626	1.144	9,407,489	1,303,812	1.173	1,528,822	6.15
1-Dec-09	1,711,869	1,711,869	1.578	1.144	3,090,636	1,287,986	1.161	1,495,312	2.07
1-Dec-10	7,609,703	7,620,000	1.521	1.144	13,259,636	1,293,078	1.149	1,486,360	8.92
1-Dec-11	2,786,791	2,800,000	1.474	1.144	4,721,436	1,331,769	1.139	1,516,934	3.11
1-Dec-12	5,339,378	5,460,000	1.423	1.061	8,242,512	1,285,791	1.127	1,448,862	5.69
1-Dec-13	5,028,531	5,210,000	1.383	1.061	7,642,856	1,362,902	1.116	1,520,547	5.03
1-Dec-14	16,999,499	17,100,000	1.349	1.061	24,471,173	1,509,150	1.105	1,667,040	14.68
1-Dec-15	4,607,379	5,000,000	1.319	1.061	6,992,093	1,699,156	1.095	1,859,884	3.76
1-Dec-16	5,852,781	6,600,000	1.274	1.061	8,916,095	1,753,287	1.083	1,898,558	4.70
1-Dec-17	7,273,430	8,000,000	1.235	1.033	10,206,274	1,675,248	1.072	1,796,092	5.68
1-Dec-18	5,696,386	6,800,000	1.211	1.033	8,511,349	1,719,805	1.062	1,825,608	4.66
1-Dec-19	1,423,866	3,400,000	1.190	1.000	4,045,969	1,547,010	1.052	1,627,272	2.49
1-Dec-20	2,034,977	5,900,000	1.148	1.000	6,770,344	1,881,172	1.041	1,957,555	3.46
1-Dec-21	2,002,351	7,800,000	1.105	1.000	8,621,700	1,979,429	1.030	2,039,408	4.23
1-Dec-22	11,365,467	22,100,000	1.069	1.000	23,622,122	1,944,279	1.020	1,983,359	11.91
1-Dec-23	35,000	14,400,000	1.036	1.000	14,916,681	1,953,331	1.011	1,974,501	7.55
All Year Weighted Average					298,130,149			37,797,720	7.89
Latest 5-Year Weighted Average					57,976,816			9,582,095	6.05
Latest 3-Year Weighted Average					47,160,503			5,997,268	7.86
SELECTED									**7.88**

Column (1) : from Exhibit 10 Column (10)
Column (2) : from Exhibit 2, Column (10)
Column (3) : Trend Indices appropriate for Other Liability
Column (4) : from Retention Analysis
Column (5) : Column (2) x Column (3) x Column (4)

Column (6) : supplied by Cook County, Illinois
Column (7) : Annual Exposure Trend
Column (8) : Column (6) x Column (7)
Column (9) : Column (5) / Column (8)

Renewal Projections (Losses and Claims developed to Ultimate)

(10) Policy Period Inception	(11) Retention	(12) Revenue (in 000s)	(13) Claim Count	(14) Loss Rate	(15) Loss Amount
1-Dec-24	30,000,000	2,060,006	62	7.88	16,200,000
1-Dec-25	30,000,000	2,080,606	62	7.96	16,600,000
1-Dec-26	30,000,000	2,101,412	62	8.04	16,900,000

Columns (11) - (15) : Projections. These are preliminary and should be monitored with actuarial updates.

Cook County, Illinois
Other Liability

Average : $80,708 sigma = 2.420
CV : 18.67 mu = 8.370

Limitation of Incurred LDF's for Other Liability

Evaluation	(1) Incurred LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	9,500,000	3.180	0.760	0.999	0.776	69,655	9,500,000	3.180	0.760	0.999	0.776	69,655	1.000
276	1.000	1.000	9,500,000	3.180	0.760	0.999	0.776	69,655	9,500,000	3.180	0.760	0.999	0.776	69,655	1.000
264	1.000	1.000	9,500,000	3.180	0.760	0.999	0.776	69,655	9,500,000	3.180	0.760	0.999	0.776	69,655	1.000
252	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
240	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
228	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
216	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
204	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
192	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
180	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
168	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
156	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
144	1.001	1.000	15,000,000	3.369	0.949	1.000	0.829	72,540	15,017,291	3.370	0.950	1.000	0.829	72,546	1.001
132	1.003	1.001	15,000,000	3.369	0.949	1.000	0.829	72,540	15,034,304	3.370	0.950	1.000	0.829	72,553	1.003
120	1.006	1.002	15,000,000	3.369	0.949	1.000	0.829	72,540	15,062,702	3.371	0.951	1.000	0.829	72,563	1.006
108	1.012	1.004	15,000,000	3.369	0.949	1.000	0.829	72,540	15,110,151	3.372	0.952	1.000	0.829	72,581	1.011
96	1.021	1.008	15,000,000	3.369	0.949	1.000	0.829	72,540	15,189,565	3.374	0.954	1.000	0.830	72,611	1.020
84	1.036	1.014	20,000,000	3.488	1.068	1.000	0.857	74,052	20,430,467	3.497	1.077	1.000	0.859	74,156	1.035
72	1.062	1.041	20,000,000	3.488	1.068	1.000	0.857	74,052	20,407,694	3.496	1.076	1.000	0.859	74,150	1.060
60	1.111	1.083	30,000,000	3.656	1.236	1.000	0.892	75,816	30,783,620	3.666	1.246	1.000	0.894	75,914	1.110
48	1.200	1.138	30,000,000	3.656	1.236	1.000	0.892	75,816	31,638,960	3.677	1.258	1.000	0.896	76,017	1.197
36	1.365	1.295	30,000,000	3.656	1.236	1.000	0.892	75,816	31,619,628	3.677	1.257	1.000	0.896	76,015	1.362
24	2.846	1.623	30,000,000	3.656	1.236	1.000	0.892	75,816	52,605,700	3.888	1.468	1.000	0.929	77,632	2.780
12	14.325	2.590	30,000,000	3.656	1.236	1.000	0.892	75,816	165,942,983	4.362	1.942	1.000	0.974	79,673	13.632

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Other Liability

Average : $80,708 sigma = 2.420
CV : 18.67 mu = 8.370

Limitation of Paid LDF's for Other Liability

Evaluation	(1) Paid LDF	(2) Count CDF	(3) Unadjusted Limit	(4) Ln(L)-mu/ sigma	(5) (4)-sigma	(6) Phi1	(7) Phi2	(8) Ltd Mean	(9) Adjusted Limit(L)	(10) Ln(L)-mu/ sigma	(11) (10)-sigma	(12) Phi1	(13) Phi2	(14) Ltd Mean	(15) Ltd. Factors
288	1.000	1.000	9,500,000	3.180	0.760	0.999	0.776	69,655	9,500,000	3.180	0.760	0.999	0.776	69,655	1.000
276	1.000	1.000	9,500,000	3.180	0.760	0.999	0.776	69,655	9,500,000	3.180	0.760	0.999	0.776	69,655	1.000
264	1.000	1.000	9,500,000	3.180	0.760	0.999	0.776	69,655	9,500,000	3.180	0.760	0.999	0.776	69,655	1.000
252	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
240	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
228	1.000	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,000,000	3.202	0.782	0.999	0.783	70,010	1.000
216	1.001	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,005,870	3.202	0.782	0.999	0.783	70,014	1.001
204	1.001	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,014,261	3.202	0.782	0.999	0.783	70,019	1.001
192	1.003	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,026,260	3.203	0.783	0.999	0.783	70,027	1.002
180	1.004	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,043,427	3.203	0.783	0.999	0.783	70,039	1.004
168	1.007	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,068,002	3.204	0.784	0.999	0.784	70,056	1.006
156	1.010	1.000	10,000,000	3.202	0.782	0.999	0.783	70,010	10,103,213	3.206	0.786	0.999	0.784	70,080	1.009
144	1.015	1.000	15,000,000	3.369	0.949	1.000	0.829	72,540	15,230,594	3.375	0.955	1.000	0.830	72,626	1.014
132	1.029	1.001	15,000,000	3.369	0.949	1.000	0.829	72,540	15,422,868	3.381	0.961	1.000	0.832	72,696	1.027
120	1.049	1.002	15,000,000	3.369	0.949	1.000	0.829	72,540	15,698,818	3.388	0.968	1.000	0.833	72,795	1.045
108	1.078	1.004	15,000,000	3.369	0.949	1.000	0.829	72,540	16,096,586	3.398	0.978	1.000	0.836	72,932	1.072
96	1.120	1.008	15,000,000	3.369	0.949	1.000	0.829	72,540	16,673,681	3.413	0.993	1.000	0.840	73,123	1.112
84	1.184	1.014	20,000,000	3.488	1.068	1.000	0.857	74,052	23,358,608	3.552	1.132	1.000	0.871	74,776	1.173
72	1.282	1.041	20,000,000	3.488	1.068	1.000	0.857	74,052	24,642,874	3.574	1.154	1.000	0.876	75,012	1.266
60	1.436	1.083	30,000,000	3.656	1.236	1.000	0.892	75,816	39,781,786	3.772	1.352	1.000	0.912	76,812	1.417
48	1.733	1.138	30,000,000	3.656	1.236	1.000	0.892	75,816	45,685,762	3.829	1.409	1.000	0.921	77,237	1.701
36	2.513	1.295	30,000,000	3.656	1.236	1.000	0.892	75,816	58,214,093	3.929	1.509	1.000	0.934	77,892	2.446
24	7.286	1.623	30,000,000	3.656	1.236	1.000	0.892	75,816	134,671,272	4.276	1.856	1.000	0.968	79,428	6.955
12	51.512	2.590	30,000,000	3.656	1.236	1.000	0.892	75,816	596,705,396	4.891	2.471	1.000	0.993	80,463	48.536

Column (1) : from Exhibit 9
Column (2) : Unlimited claim count development factors
Column (3) : Individual loss limitation
Columns (4) through (8) : Factors and quantities used in fitting distribution curve

Column (9) : (1)/(2)x(3)
Columns (10) through (14) : Factors and quantities used in fitting distribution curve
Column (15) : Limited loss development factors based on fitted distribution curve

Cook County, Illinois
Other Liability
Projected Losses Paid 12/1/2024 to 11/30/2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/24	Percent Losses Paid	Months of Development 11/30/25	Percent Losses Paid	Estimated Outstanding Losses 11/30/24	Projected Losses Paid		Estimated Outstanding Losses 11/30/25	Discount Factor	Discounted Outstanding Losses 11/30/25
Prior	288	100.0%	300	100.0%	$ 545	$ -	*	$ 545	1.000	$ 545
1-Dec-01	276	100.0%	288	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-02	264	100.0%	276	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-03	252	100.0%	264	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-04	240	100.0%	252	100.0%	$ 135,684	$ -	*	$ 135,684	1.000	$ 135,684
1-Dec-05	228	100.0%	240	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-06	216	99.9%	228	100.0%	$ 3,708,840	$ 370,884	*	$ 3,337,956	1.000	$ 3,337,956
1-Dec-07	204	99.9%	216	99.9%	$ -	$ -	*	$ -	0.980	$ -
1-Dec-08	192	99.7%	204	99.9%	$ -	$ -	*	$ -	0.964	$ -
1-Dec-09	180	99.6%	192	99.8%	$ -	$ -	*	$ -	0.951	$ -
1-Dec-10	168	99.3%	180	99.6%	$ 61,297	$ 6,130	*	$ 55,167	0.940	$ 51,840
1-Dec-11	156	99.0%	168	99.4%	$ 64,209	$ 6,421	*	$ 57,788	0.931	$ 53,775
1-Dec-12	144	98.5%	156	99.1%	$ 4,195,622	$ 419,562	*	$ 3,776,060	0.923	$ 3,485,745
1-Dec-13	132	97.2%	144	98.6%	$ 4,258,469	$ 425,847	*	$ 3,832,622	0.917	$ 3,515,032
1-Dec-14	120	95.3%	132	97.4%	$ 780,501	$ 78,050	*	$ 702,451	0.927	$ 651,160
1-Dec-15	108	92.8%	120	95.7%	$ 2,908,121	$ 290,812	*	$ 2,617,309	0.926	$ 2,423,339
1-Dec-16	96	89.3%	108	93.3%	$ 5,921,219	$ 592,122	*	$ 5,329,097	0.922	$ 4,911,876
1-Dec-17	84	84.4%	96	89.9%	$ 1,456,571	$ 145,657	*	$ 1,310,913	0.917	$ 1,201,719
1-Dec-18	72	78.0%	84	85.3%	$ 5,192,714	$ 519,271	*	$ 4,673,443	0.912	$ 4,260,239
1-Dec-19	60	69.6%	72	78.8%	$ 3,031,234	$ 303,123	*	$ 2,728,110	0.907	$ 2,473,459
1-Dec-20	48	57.7%	60	70.5%	$ 5,179,023	$ 517,902	*	$ 4,661,121	0.901	$ 4,201,553
1-Dec-21	36	39.8%	48	58.8%	$ 6,901,249	$ 690,125	*	$ 6,211,124	0.899	$ 5,580,838
1-Dec-22	24	13.7%	36	40.9%	$ 21,848,186	$ 2,184,819	*	$ 19,663,367	0.899	$ 17,668,385
1-Dec-23	12	1.9%	24	14.4%	$ 14,400,000	$ 1,440,000	*	$ 12,960,000	0.899	$ 11,655,585
1-Dec-24	0	0.0%	12	2.1%	$ 16,200,000	$ 333,770	*	$ 15,866,230	0.879	$ 13,939,147
Total					$ 96,243,485	$ 8,324,495		$ 87,918,990		$ 79,547,877

Column (3): 1 / Exhibit 9 Column (3)
Column (5): 1 / Rollforward Exhibit Column (54)
Column (6): From Executive Summary
Column (7): Rollforward Exhibit Column (31)

Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 10% per actuarial judgement**

Cook County, Illinois
Other Liability
Projected Losses Paid 12/1/2025 to 11/30/2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/25	Percent Losses Paid	Months of Development 11/30/26	Percent Losses Paid	Estimated Outstanding Losses 11/30/25	Projected Losses Paid		Estimated Outstanding Losses 11/30/26	Discount Factor	Discounted Outstanding Losses 11/30/26
Prior	300	100.0%	312	100.0%	$ 545	$ -	*	$ 545	1.000	$ 545
1-Dec-01	288	100.0%	300	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-02	276	100.0%	288	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-03	264	100.0%	276	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-04	252	100.0%	264	100.0%	$ 135,684	$ -	*	$ 135,684	1.000	$ 135,684
1-Dec-05	240	100.0%	252	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-06	228	100.0%	240	100.0%	$ 86,840	$ -	*	$ 86,840	1.000	$ 86,840
1-Dec-07	216	99.9%	228	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-08	204	99.9%	216	99.9%	$ -	$ -	*	$ -	0.980	$ -
1-Dec-09	192	99.8%	204	99.9%	$ -	$ -	*	$ -	0.964	$ -
1-Dec-10	180	99.6%	192	99.8%	$ 39,233	$ 3,923	*	$ 35,310	0.951	$ 33,573
1-Dec-11	168	99.4%	180	99.6%	$ 42,441	$ 4,244	*	$ 38,196	0.940	$ 35,893
1-Dec-12	156	99.1%	168	99.4%	$ 2,830,123	$ 283,012	*	$ 2,547,111	0.931	$ 2,370,199
1-Dec-13	144	98.6%	156	99.1%	$ 2,280,536	$ 228,054	*	$ 2,052,482	0.923	$ 1,894,681
1-Dec-14	132	97.4%	144	98.6%	$ 471,713	$ 47,171	*	$ 424,541	0.917	$ 389,362
1-Dec-15	120	95.7%	132	97.4%	$ 1,871,132	$ 187,113	*	$ 1,684,019	0.927	$ 1,561,055
1-Dec-16	108	93.3%	120	95.7%	$ 3,960,303	$ 396,030	*	$ 3,564,273	0.926	$ 3,300,123
1-Dec-17	96	89.9%	108	93.2%	$ 1,002,309	$ 100,231	*	$ 902,078	0.922	$ 831,453
1-Dec-18	84	85.3%	96	89.9%	$ 3,646,140	$ 364,614	*	$ 3,281,526	0.917	$ 3,008,187
1-Dec-19	72	78.8%	84	85.1%	$ 2,185,518	$ 218,552	*	$ 1,966,966	0.912	$ 1,793,056
1-Dec-20	60	70.5%	72	78.8%	$ 3,699,745	$ 369,975	*	$ 3,329,771	0.907	$ 3,018,959
1-Dec-21	48	58.8%	60	70.5%	$ 4,812,218	$ 481,222	*	$ 4,330,996	0.901	$ 3,903,977
1-Dec-22	36	40.9%	48	58.8%	$ 15,086,358	$ 1,508,636	*	$ 13,577,722	0.899	$ 12,199,895
1-Dec-23	24	14.4%	36	40.9%	$ 12,588,871	$ 1,258,887	*	$ 11,329,984	0.899	$ 10,180,481
1-Dec-24	12	2.1%	24	14.4%	$ 15,866,230	$ 1,586,623	*	$ 14,279,607	0.899	$ 12,842,375
1-Dec-25	0	0.0%	12	2.1%	$ 16,600,000	$ 342,011	*	$ 16,257,989	0.879	$ 14,283,324
Total					$ 87,205,938	$ 7,380,298		$ 79,825,640		$ 71,869,662

Column (3): 1 / Rollforward Exhibit Column (54)
Column (5): 1 / Rollforward Exhibit 2 Column (54)
Column (6): Rollforward Exhibit Column (21) & Projection
Column (7): Rollforward Exhibit 2 Column (31) - Rollforward Exhibit Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 10% per actuarial judgement**

Cook County, Illinois
Other Liability
Projected Losses Paid 12/1/2026 to 11/30/2027

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
Policy Period Inception	Months of Development 11/30/26	Percent Losses Paid	Months of Development 11/30/27	Percent Losses Paid	Estimated Outstanding Losses 11/30/26	Projected Losses Paid		Estimated Outstanding Losses 11/30/27	Discount Factor	Discounted Outstanding Losses 11/30/27
Prior	312	100.0%	324	100.0%	$ 545	$ -	*	$ 545	1.000	$ 545
1-Dec-01	300	100.0%	312	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-02	288	100.0%	300	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-03	276	100.0%	288	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-04	264	100.0%	276	100.0%	$ 135,684	$ -	*	$ 135,684	1.000	$ 135,684
1-Dec-05	252	100.0%	264	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-06	240	100.0%	252	100.0%	$ 86,840	$ -	*	$ 86,840	1.000	$ 86,840
1-Dec-07	228	100.0%	240	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-08	216	99.9%	228	100.0%	$ -	$ -	*	$ -	1.000	$ -
1-Dec-09	204	99.9%	216	99.9%	$ -	$ -	*	$ -	0.980	$ -
1-Dec-10	192	99.8%	204	99.9%	$ 23,762	$ 2,376	*	$ 21,385	0.964	$ 20,620
1-Dec-11	180	99.6%	192	99.8%	$ 27,164	$ 2,716	*	$ 24,448	0.951	$ 23,245
1-Dec-12	168	99.4%	180	99.6%	$ 1,870,726	$ 187,073	*	$ 1,683,653	0.940	$ 1,582,106
1-Dec-13	156	99.1%	168	99.4%	$ 1,538,317	$ 153,832	*	$ 1,384,485	0.931	$ 1,288,325
1-Dec-14	144	98.6%	156	99.1%	$ 252,616	$ 25,262	*	$ 227,354	0.923	$ 209,875
1-Dec-15	132	97.4%	144	98.6%	$ 1,130,858	$ 113,086	*	$ 1,017,773	0.917	$ 933,435
1-Dec-16	120	95.7%	132	97.4%	$ 2,548,122	$ 254,812	*	$ 2,293,310	0.927	$ 2,125,858
1-Dec-17	108	93.2%	120	95.6%	$ 670,690	$ 67,069	*	$ 603,621	0.926	$ 558,887
1-Dec-18	96	89.9%	108	93.2%	$ 2,509,016	$ 250,902	*	$ 2,258,114	0.922	$ 2,081,324
1-Dec-19	84	85.1%	96	89.7%	$ 1,537,261	$ 153,726	*	$ 1,383,535	0.917	$ 1,268,291
1-Dec-20	72	78.8%	84	85.1%	$ 2,667,514	$ 266,751	*	$ 2,400,763	0.912	$ 2,188,499
1-Dec-21	60	70.5%	72	78.8%	$ 3,437,710	$ 343,771	*	$ 3,093,939	0.907	$ 2,805,140
1-Dec-22	48	58.8%	60	70.5%	$ 10,519,667	$ 1,051,967	*	$ 9,467,700	0.901	$ 8,534,222
1-Dec-23	36	40.9%	48	58.8%	$ 8,692,723	$ 869,272	*	$ 7,823,450	0.899	$ 7,029,550
1-Dec-24	24	14.4%	36	40.9%	$ 13,870,690	$ 1,387,069	*	$ 12,483,621	0.899	$ 11,217,073
1-Dec-25	12	2.1%	24	14.4%	$ 16,257,989	$ 1,625,799	*	$ 14,632,190	0.899	$ 13,159,470
1-Dec-26	0	0.0%	12	2.1%	$ 16,900,000	$ 348,192	*	$ 16,551,808	0.879	$ 14,541,456
Total					$ 84,677,894	$ 7,103,674		$ 77,574,219		$ 69,790,445

Column (3): 1 / Rollforward Exhibit 2 Column (54)
Column (5): 1 / Rollforward Exhibit 3 Column (54)
Column (6): Rollforward Exhibit 2 Column (21) & Projection
Column (7): Rollforward Exhibit 3 Column (31) - Rollforward Exhibit 2 Column (31)
Column (8): Column (6) - Column (7)
Column (9): Based on Column (3) and 4.10% Interest Rate
Column (10): Column (8) x Column (9)
*** - Limited to a maximum of 10% per actuarial judgement**

Cook County, Illinois
Other Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
Prior	5/12/1978	37,869,997	37,869,997	-
Prior	5/13/1978	4,000,000	4,000,000	-
Prior	1/1/1989	1,898,909	1,898,909	-
Prior	2/1/1992	1,250,000	1,250,000	-
Prior	1/1/1994	6,760,000	6,760,000	-
Prior	4/17/1995	6,882,500	6,882,500	-
Prior	9/19/1995	2,000,000	2,000,000	-
Prior	1/1/2001	4,006,000	4,006,000	-
Prior	3/11/2001	1,003,000	1,003,000	-
12/1/2001	2/12/2002	3,368,046	3,368,046	-
12/1/2001	7/9/2002	1,500,000	1,500,000	-
12/1/2001	7/10/2002	4,500,000	4,500,000	-
12/1/2002	1/1/2003	4,750,411	4,750,411	-
12/1/2003	1/1/2004	4,377,358	4,377,358	-
12/1/2003	4/29/2004	5,291,386	5,291,386	-
12/1/2003	8/28/2004	6,425,872	6,425,872	-
12/1/2004	7/12/2005	1,286,194	1,286,194	-
12/1/2004	8/3/2005	7,500,000	7,500,000	-
12/1/2005	1/1/2006	2,400,000	2,400,000	-
12/1/2006	1/1/2007	2,600,000	2,600,000	-
12/1/2006	2/1/2007	3,620,000	-	3,620,000
12/1/2006	9/1/2007	1,600,000	1,600,000	-
12/1/2008	7/25/2009	3,073,363	3,073,363	-
12/1/2010	3/8/2011	5,600,000	5,600,000	-
12/1/2012	1/1/2013	4,000,000	-	4,000,000
12/1/2013	1/18/2014	4,000,000	-	4,000,000
12/1/2014	11/14/2015	17,027,833	17,027,833	-
12/1/2015	9/19/2016	1,400,000	-	1,400,000

Cook County, Illinois
Other Liability
Large Claims

All Claims greater than or equal to $1,000,000

(1)	(2)	(3)	(4)	(5)
Policy Period	Loss Date	Incurred Loss	Paid Loss	Case Reserves
12/1/2015	11/30/2016	1,500,000	1,500,000	-
12/1/2016	11/20/2017	4,463,000	-	4,463,000
12/1/2017	12/1/2017	4,275,600	4,275,600	-
12/1/2017	5/1/2018	1,268,247	1,268,247	-
12/1/2018	3/1/2019	2,000,000	-	2,000,000
12/1/2018	9/12/2019	1,000,000	-	1,000,000
12/1/2022	12/15/2022	10,000,000	-	10,000,000

AON

Cook County, Illinois
Other Liability
Occurrence
Indemnity and Expense
Incurred Development Triangle
Data Limited to Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			96,113	96,113	96,113	96,113	96,114	96,114
12/1/2001																		12,154	12,154	12,154	12,154	12,154	12,154	
12/1/2002																	5,220	5,220	5,220	5,220	5,220	5,220		
12/1/2003																16,952	16,952	16,952	16,952	16,952	16,952			
12/1/2004															11,119	11,044	11,044	11,044	11,024	11,024				
12/1/2005														4,024	4,024	4,024	4,024	4,024	4,024					
12/1/2006													10,593	10,593	10,593	10,593	10,593	10,593						
12/1/2007												1,288	1,288	1,288	1,288	1,288	1,288							
12/1/2008											7,601	7,201	5,056	5,056	5,056	5,056								
12/1/2009										1,837	1,812	1,812	1,812	1,812	1,712									
12/1/2010									2,608	5,413	5,413	8,013	8,063	7,610										
12/1/2011								4,756	4,756	4,766	2,766	2,787	2,787											
12/1/2012							2,559	6,199	6,199	5,929	5,939	5,339												
12/1/2013						13,519	6,199	6,179	6,179	6,179	5,029													
12/1/2014					27,275	27,371	27,339	18,923	19,357	19,027														
12/1/2015				11,810	13,330	13,287	10,132	10,132	4,607															
12/1/2016			8,574	6,942	6,824	6,857	6,959	5,853																
12/1/2017		8,914	9,335	9,339	11,682	12,110	7,273																	
12/1/2018	2,039	3,030	3,006	3,146	3,306	5,696																		
12/1/2019	361	840	6,066	6,566	1,424																			
12/1/2020	745	1,277	1,258	2,035																				
12/1/2021	1,093	11,295	2,002																					
12/1/2022	1,288	11,365																						
12/1/2023	35																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001																		1.000	1.000	1.000	1.000	1.000		
12/1/2002																	1.000	1.000	1.000	1.000	1.000			
12/1/2003																1.000	1.000	1.000	1.000	1.000				
12/1/2004															0.993	1.000	1.000	0.998	1.000					
12/1/2005														1.000	1.000	1.000	1.000	1.000						
12/1/2006													1.000	1.000	1.000	1.000	1.000							
12/1/2007												1.000	1.000	1.000	1.000	1.000								
12/1/2008											0.947	0.702	1.000	1.000	1.000									
12/1/2009										0.986	1.000	1.000	1.000	0.945										
12/1/2010									2.075	1.000	1.480	1.006	0.944											
12/1/2011								1.000	1.002	0.580	1.008	1.000												
12/1/2012							2.423	1.000	0.956	1.002	0.899													
12/1/2013						0.459	0.997	1.000	1.000	0.814														
12/1/2014					1.004	0.999	0.692	1.023	0.983															
12/1/2015				1.129	0.997	0.763	1.000	0.455																
12/1/2016			0.810	0.983	1.005	1.015	0.841																	
12/1/2017		1.047	1.000	1.251	1.037	0.601																		
12/1/2018	1.486	0.992	1.047	1.051	1.723																			
12/1/2019	2.330	7.223	1.082	0.217																				
12/1/2020	1.714	0.985	1.618																					
12/1/2021	10.338	0.177																						
12/1/2022	8.827																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	4.939	2.085	1.111	0.926	1.153	0.767	1.191	0.896	1.203	0.876	1.067	0.942	0.989	0.989	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	6.960	2.795	1.249	0.840	1.255	0.793	0.844	0.826	0.980	0.799	1.129	1.002	0.981	0.982	1.000	1.000	1.000	0.999	1.000	1.000	1.000	NA	NA	
5 Yr Average	4.939	2.085	1.111	0.926	1.153	0.767	1.191	0.896	1.203	0.876	1.067	0.942	0.989	0.989	0.999	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	7.660	0.695	1.137	0.861	1.131	0.755	0.786	0.856	0.981	0.814	1.143	1.004	0.970	0.988	1.000	1.000	1.000	0.999	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	5.033	0.855	0.993	0.967	1.047	0.792	0.889	0.890	1.057	0.869	1.069	0.901	0.983	0.996	0.998	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	8.827	0.985	1.082	1.051	1.037	0.763	0.841	1.000	0.983	0.814	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	4.290	1.008	1.043	1.054	1.015	0.787	0.946	1.000	0.995	0.933	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	2.610	2.185	1.150	1.146	1.075	1.025	1.052	1.051	1.027	1.007	1.007	1.007	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.001	1.001	1.001	1.001	1.001
Initial Selected	5.033	2.085	1.137	1.080	1.047	1.025	1.015	1.009	1.005	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**5.033**	**2.085**	**1.137**	**1.080**	**1.047**	**1.025**	**1.015**	**1.009**	**1.005**	**1.003**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**14.325**	**2.846**	**1.365**	**1.200**	**1.111**	**1.062**	**1.036**	**1.021**	**1.012**	**1.006**	**1.003**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests GL Occ

AON

Cook County, Illinois
Other Liability
Occurrence
Indemnity and Expense
Paid Development Triangle
Data Limited to Unlimited (000s)
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			96,113	96,113	96,113	96,113	96,113	96,113
12/1/2001																		12,154	12,154	12,154	12,154	12,154	12,154	
12/1/2002																	5,220	5,220	5,220	5,220	5,220	5,220		
12/1/2003																16,952	16,952	16,952	16,952	16,952	16,952			
12/1/2004															3,344	10,844	10,844	10,844	10,924	10,924				
12/1/2005														4,024	4,024	4,024	4,024	4,024	4,024					
12/1/2006													6,971	6,971	6,971	6,971	6,971	6,971						
12/1/2007												1,288	1,288	1,288	1,288	1,288	1,288							
12/1/2008											1,983	1,983	5,056	5,056	5,056	5,056								
12/1/2009										1,712	1,712	1,712	1,712	1,712	1,712									
12/1/2010									1,959	1,959	1,959	7,559	7,559	7,559										
12/1/2011								2,730	2,730	2,730	2,730	2,736	2,736											
12/1/2012							1,199	1,219	1,219	1,249	1,264	1,264												
12/1/2013						952	952	952	952	952	952													
12/1/2014					1,032	15,526	15,580	17,913	18,347	18,347														
12/1/2015				388	1,888	1,967	2,092	2,092	2,092															
12/1/2016			81	246	260	288	545	679																
12/1/2017		4,276	4,296	4,548	6,326	6,419	6,543																	
12/1/2018	6	647	1,307	1,477	1,537	1,607																		
12/1/2019	1	114	330	340	369																			
12/1/2020	0	52	504	721																				
12/1/2021	850	850	899																					
12/1/2022	139	252																						
12/1/2023	0																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.000	1.000	
12/1/2001																		1.000	1.000	1.000	1.000	1.000		
12/1/2002																	1.000	1.000	1.000	1.000	1.000			
12/1/2003																1.000	1.000	1.000	1.000	1.000				
12/1/2004															3.243	1.000	1.000	1.007	1.000					
12/1/2005														1.000	1.000	1.000	1.000	1.000						
12/1/2006													1.000	1.000	1.000	1.000	1.000							
12/1/2007												1.000	1.000	1.000	1.000	1.000								
12/1/2008											1.000	2.550	1.000	1.000	1.000									
12/1/2009										1.000	1.000	1.000	1.000	1.000										
12/1/2010									1.000	1.000	3.859	1.000	1.000											
12/1/2011								1.000	1.000	1.000	1.002	1.000												
12/1/2012							1.017	1.000	1.025	1.012	1.000													
12/1/2013						1.000	1.000	1.000	1.000	1.000														
12/1/2014					15.040	1.003	1.150	1.024	1.000															
12/1/2015				4.865	1.042	1.064	1.000	1.000																
12/1/2016			3.049	1.057	1.106	1.893	1.246																	
12/1/2017		1.005	1.059	1.391	1.015	1.019																		
12/1/2018	117.132	2.019	1.131	1.041	1.046																			
12/1/2019	216.667	2.899	1.030	1.085																				
12/1/2020		9.760	1.431																					
12/1/2021	1.000	1.057																						
12/1/2022	1.815																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	84.153	3.348	1.540	1.888	3.850	1.196	1.083	1.005	1.005	1.002	1.572	1.310	1.000	1.000	1.449	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	NA	4.572	1.197	1.172	1.055	1.325	1.132	1.008	1.008	1.004	1.954	1.000	1.000	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	NA	NA	
5 Yr Average	NA	3.348	1.540	1.888	3.850	1.196	1.083	1.005	1.005	1.002	1.572	1.310	1.000	1.000	1.449	1.000	1.000	1.001	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.167	1.706	1.186	1.293	1.023	1.058	1.135	1.021	1.001	1.003	1.942	1.000	1.000	1.000	1.000	1.000	1.000	1.003	1.000	1.000	NA	NA		
5 Yr Wtd Average	1.924	1.235	1.125	1.483	2.337	1.022	1.122	1.017	1.001	1.002	1.581	1.201	1.000	1.000	1.363	1.000	1.000	1.002	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	NA	2.899	1.131	1.085	1.046	1.064	1.150	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	NA	1.992	1.207	1.178	1.064	1.029	1.056	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	10.500	4.402	2.200	1.600	1.379	1.232	1.070	1.047	1.030	1.019	1.010	1.005	1.005	1.004	1.003	1.003	1.003	1.003	1.002	1.002	1.001	1.001	1.001	1.002
Initial Selected	7.070	2.899	1.450	1.207	1.120	1.083	1.057	1.040	1.028	1.019	1.013	1.005	1.003	1.002	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**7.070**	**2.899**	**1.450**	**1.207**	**1.120**	**1.083**	**1.057**	**1.040**	**1.028**	**1.019**	**1.013**	**1.005**	**1.003**	**1.002**	**1.002**	**1.001**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**51.512**	**7.286**	**2.513**	**1.733**	**1.436**	**1.282**	**1.184**	**1.120**	**1.078**	**1.049**	**1.029**	**1.015**	**1.010**	**1.007**	**1.004**	**1.003**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests GL Occ

AON

Cook County, Illinois
Other Liability
Occurrence
Indemnity and Expense
Non-Zero Claim Count Triangle
Data Limited to Retentions
As of 11/30/2024

Age in Months

Policy Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288
Prior																			1,593	1,593	1,593	1,593	1,594	1,594
12/1/2001																		162	162	162	162	162	162	
12/1/2002																	87	87	87	87	87	87		
12/1/2003																74	74	74	74	74	74	74		
12/1/2004															61	61	61	61	61	61	61			
12/1/2005														94	94	94	94	94	94	94				
12/1/2006													140	140	140	140	140	140						
12/1/2007												78	78	78	78	78	78							
12/1/2008											87	87	87	87	87	87								
12/1/2009										97	98	98	98	98	98									
12/1/2010									84	84	84	84	85	85										
12/1/2011								53	53	54	54	55	55											
12/1/2012							68	69	69	69	69	69												
12/1/2013						55	54	54	54	55	55													
12/1/2014					62	64	67	67	67	68														
12/1/2015				62	66	66	68	69	69															
12/1/2016			57	64	67	68	71	71																
12/1/2017		32	39	48	50	53	54																	
12/1/2018	31	40	46	49	50	56																		
12/1/2019	23	38	44	46	49																			
12/1/2020	14	23	31	38																				
12/1/2021	12	25	38																					
12/1/2022	42	53																						
12/1/2023	8																							

Age-to-Age

Policy Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Prior																			1.000	1.000	1.000	1.001	1.000	
12/1/2001																		1.000	1.000	1.000	1.000	1.000		
12/1/2002																	1.000	1.000	1.000	1.000	1.000			
12/1/2003																1.000	1.000	1.000	1.000	1.000				
12/1/2004															1.000	1.000	1.000	1.000	1.000					
12/1/2005														1.000	1.000	1.000	1.000	1.000						
12/1/2006													1.000	1.000	1.000	1.000	1.000							
12/1/2007												1.000	1.000	1.000	1.000	1.000								
12/1/2008											1.000	1.000	1.000	1.000	1.000									
12/1/2009										1.010	1.000	1.000	1.000	1.000										
12/1/2010									1.000	1.000	1.000	1.012	1.000											
12/1/2011								1.000	1.019	1.000	1.019	1.000												
12/1/2012							1.015	1.000	1.000	1.000	1.000													
12/1/2013						0.982	1.000	1.000	1.019	1.000														
12/1/2014					1.032	1.047	1.000	1.000	1.015															
12/1/2015				1.065	1.000	1.030	1.015	1.000																
12/1/2016			1.123	1.047	1.015	1.044	1.000																	
12/1/2017		1.219	1.231	1.042	1.060	1.019																		
12/1/2018	1.290	1.150	1.065	1.020	1.120																			
12/1/2019	1.652	1.158	1.045	1.065																				
12/1/2020	1.643	1.348	1.226																					
12/1/2021	2.083	1.520																						
12/1/2022	1.262																							
12/1/2023																								

Averages

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
All Year Average	1.586	1.279	1.138	1.048	1.045	1.024	1.006	1.000	1.010	1.002	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Average	1.663	1.342	1.112	1.042	1.065	1.031	1.005	1.000	1.011	1.000	1.006	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Average	1.586	1.279	1.138	1.048	1.045	1.024	1.006	1.000	1.010	1.002	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
3 Yr Wtd Average	1.485	1.314	1.099	1.042	1.060	1.032	1.005	1.000	1.011	1.000	1.005	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
5 Yr Wtd Average	1.467	1.253	1.129	1.048	1.041	1.026	1.006	1.000	1.009	1.003	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Avg X Hi-Lo (3yr X 2)	1.643	1.348	1.065	1.042	1.060	1.030	1.000	1.000	1.015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	
Avg X Hi-Lo (5yr X 2)	1.528	1.241	1.138	1.051	1.036	1.031	1.005	1.000	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	NA	NA	NA	NA	
Prior	2.377	1.305	1.059	1.020	1.013	1.010	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Initial Selected	1.596	1.253	1.138	1.051	1.041	1.026	1.006	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tail Factor Calculation

	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-Ult
Inverse Power Curve Fit																								1.000
Exponential Curve Fit																								1.000
Weibull Curve Fit																								1.000
Manual Entry																								
Selected Tail Method:	Manual Entry																							
																								Tail
Final Link Ratio	**1.596**	**1.253**	**1.138**	**1.051**	**1.041**	**1.026**	**1.006**	**1.004**	**1.002**	**1.001**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
Final CDF	**2.590**	**1.623**	**1.295**	**1.138**	**1.083**	**1.041**	**1.014**	**1.008**	**1.004**	**1.002**	**1.001**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**

Industry Factor Source: AM Bests GL Occ