



Cook County, Illinois

Actuarial Study of the Workers Compensation and Liability Self-Insured Programs as of November 30, 2013

May 19, 2014



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Cook County
118 North Clark Street, Room 1072
Chicago, Illinois 60602

Attn: Ms. Deanna Zalas
Director of Risk Management

**Actuarial Study of the
Workers Compensation and Liability
Self-Insured Programs
as of November 30, 2013**

This study has been completed for Cook County for the specific objectives listed in the study. It contains the analysis and conclusions of our work.

Each section and appendix of the study is an integral part of the whole. We recommend a review of the entire study prior to reliance upon this study.

No key personnel have a relationship with Cook County that may impair our objectivity.

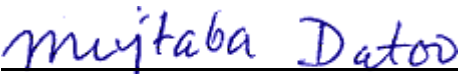
We, Tom Duffy and Mujtaba Datto, are members of the American Academy of Actuaries and meet the Academy's qualification standards to render this opinion. We performed this analysis using generally accepted actuarial principles and all relevant Actuarial Standards of Practice.

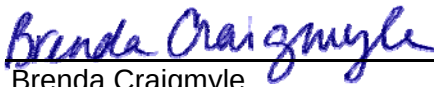
Please call if you have any questions. Thank you for the opportunity to be of service.

Respectfully submitted,

Aon Global Risk Consulting

By 
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Director and Actuary

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I. Background

The self-insurance program for Cook County, Illinois (the County) has three components: workers compensation, medical malpractice, and liability. Liability includes general, automobile, and other liability. Other liability includes public officials liability, employment practices, civil rights violations and police professional liability.

A history of self-insured retentions is shown in Table I-1 (workers compensation), Table I-2 (medical malpractice), and Table I-3 (liability).

Table I-1
History of Self-Insured Retentions
Workers Compensation

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

Table I-2
History of Self-Insured Retentions
Medical Malpractice

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 present	30,000,000	None

Table I-3
History of Self-Insured Retentions
Liability

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 present	15,000,000	None

Cook 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 Cook County State's Attorney's Office. In some cases, outside legal counsel may be assigned.

For workers compensation, "Indemnity" includes indemnity, legal, and other losses. "Medical" includes medical and rehabilitation losses. Workers compensation losses for Cermak Hospital are included with General Government. 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

Loss data valued as of November 30, 2013 was provided to us by the County. For workers compensation, the County provided loss runs containing cumulative paid and incurred amounts through November 30, 2013. For the medical malpractice and liability coverages, the County provided payments made during fiscal year 2012/13 and case reserve amounts as of November 30, 2013. Loss data was provided for claim periods beginning 1999/00 for auto and general liability, 1981/82 for other liability, 1975/76 for medical malpractice, and 1970/71 for workers compensation. Claims incurred prior to these claim periods are assumed to be closed and that there are no outstanding liabilities as of November 30, 2013. For valuations prior to November 30, 2005, we relied on a prior actuarial study performed by PriceWaterhouseCoopers.



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 for 2013/14 and medical malpractice exposures for years through 2014/15. 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. Exposure projections for 2013/14 are based on a 0% trend.

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.

Workers Compensation

Aon was advised in December, 2013 that litigated Workers Compensation claims were closed in the Risk Management System (RMS) and administratively reassigned to the State's Attorney's Office (SAO). The County believes this reassignment process started in May, 2011. These reassigned claims, with a few exceptions, appeared closed in the data files upon which our November 30, 2011 and November 30, 2012 analysis relied. As a result, we did not make a specific provision for these SAO claims in those analyses.

For the November 30, 2013 analysis, the majority of the SAO claims valuations are not reflected in the data files upon which our analysis is based. For this analysis, we were provided information (letter dated 12/24/2013) from the SAO with respect to the claims they were handling and adjusting. We have since worked with the County to better understand this information and assess how it should impact our Workers Compensation reserve estimates.

Once the SAO claims were reviewed for duplicate amounts, the estimated case reserves on these claims totaled \$22.2 million. The County has been working to set up claims in their RMS that is the source for our analysis. The SAO uses a different claim numbering system than the RMS system. The County has been able to provide us a cross reference claim number for each of the SAO claims allowing us to track these amounts. Of the \$22.2 million in SAO case reserves, the RMS system had case reserves of \$5.7 million for these claims as of November 30, 2013. Subsequent to November 30, 2013, the County has populated the remaining SAO claim amounts in the RMS system for the majority of the claims.

The County is confident the payments on the SAO claims were unaffected by the reassignment. As such, we have relied primarily on paid reserving approaches in developing our Workers Compensation reserve estimates for this analysis. This change in weighting of the actuarial methodologies increased our Workers Compensation reserve estimates approximately \$17 million.



We further tested the coverage ratios for Workers Compensation. We defined the coverage ratio as the reserves (Case + IBNR) divided by the 3 year average annual payments. The coverage ratio represents how many years of payments the reserves cover. For most of our large clients, this ratio averages between 3.0 and 3.5 for Workers Compensation. The County's Workers Compensation payments have been fairly consistent over the last several years. The coverage ratio for the County averaged 3.3 for the 11/30/2009 and 11/30/2010 analyses. After the reassignment of claims in 2011, the coverage ratio dropped below 3.0. The \$17 million increase in our reserves indicated above brings the Workers Compensation coverage ratio back to the pre-reassignment level.

II. Objectives

The specific objectives of this study are the following:

1. **Estimate Outstanding Losses.** Estimate outstanding losses as of November 30, 2013, November 30, 2014, and November 30, 2015.

The estimated outstanding losses are the cost of unpaid claims. The estimated outstanding losses include case reserves, the development of known claims and incurred but not reported (IBNR) claims. The amounts are limited to the self-insured retention.

Estimated outstanding losses for workers compensation include allocated loss adjustment expenses [ALAE]). ALAE are the direct expenses for settling specific claims. These expenses include outside legal defense fees, expert witness fees and court reporting fees. They do not include internal defense costs.

2. **Project Ultimate Limited Losses.** Project ultimate limited losses (including ALAE for workers compensation) for 2013/14, 2014/15, and 2015/16.

The projected ultimate limited losses are the accrual value of losses with accident dates during 2013/14, 2014/15, and 2015/16, regardless of report or payment date. The amounts are limited to the self-insured retention.

3. **Project Losses Paid.** Project losses paid (including ALAE for workers compensation) during the 2013/14, 2014/15, and 2015/16 claim periods.

The projected losses paid are the claim disbursements during 2013/14, 2014/15, and 2015/16, regardless of accident or report date. The amounts are limited to the self-insured retention.

4. **Affirm GASB Statement No. 10.** Provide a statement affirming the conclusions of this report are consistent with GASB Statement No. 10.

III. Conclusions

We have reached the following conclusions:

1. Estimate Outstanding Losses

We estimate outstanding losses as of November 30, 2013 to be as shown in Table III-1A. The estimated outstanding losses include case reserves, the development of known claims and IBNR claims. The amounts are limited to the self-insured retention.

Table III-1A
Estimated Outstanding Losses
November 30, 2013

Coverage (1)	Full Value			Present Value		
	Expected (2)	70% Level (3)	90% Level (4)	Expected (5)	70% Level (6)	90% Level (7)
I. Health Care Facilities						
(Ai) WC - Indemnity	\$6,333,735	\$7,220,458	\$9,183,916	\$5,516,190	\$6,288,457	\$7,998,476
(Aii) WC - Medical	<u>2,861,936</u>	<u>3,262,607</u>	<u>4,149,807</u>	<u>2,491,334</u>	<u>2,840,121</u>	<u>3,612,434</u>
(A) Workers compensation	\$9,195,671	\$10,483,065	\$13,333,723	\$8,007,524	\$9,128,578	\$11,610,910
(Bi) Cermak	8,508,900	9,955,413	13,444,062	7,497,627	8,772,224	11,846,251
(Bii) John H. Stroger	111,713,651	130,704,972	176,507,569	100,321,593	117,376,264	158,508,117
(Biii) Oak Forest	2,200,000	2,574,000	3,476,000	1,985,485	2,323,017	3,137,066
(Biv) Provident	9,800,000	11,466,000	15,484,000	8,890,551	10,401,945	14,047,071
(Bv) Unspecified	<u>715,000</u>	<u>836,550</u>	<u>1,129,700</u>	<u>626,858</u>	<u>733,424</u>	<u>990,436</u>
(B) Medical malpractice	\$132,937,551	\$155,536,935	\$210,041,331	\$119,322,114	\$139,606,874	\$188,528,941
(C) Claim expense	2,474,714	2,821,174	3,588,335	2,221,254	2,532,230	3,220,818
(D) Subtotal	\$144,607,936	\$168,841,174	\$226,963,389	\$129,550,892	\$151,267,682	\$203,360,669
II. General Government						
(Ei) WC - Indemnity	\$40,565,843	\$46,245,061	\$58,820,472	\$36,100,488	\$41,154,556	\$52,345,708
(Eii) WC - Medical	<u>19,017,669</u>	<u>21,680,143</u>	<u>27,575,620</u>	<u>16,619,908</u>	<u>18,946,695</u>	<u>24,098,867</u>
(E) Workers compensation	\$59,583,512	\$67,925,204	\$86,396,092	\$52,720,396	\$60,101,251	\$76,444,575
(F) General liability	1,689,935	1,926,526	2,450,406	1,612,958	1,838,772	2,338,789
(G) Automobile liability	10,445,678	11,908,073	15,146,233	10,101,260	11,515,436	14,646,827
(H) Other liability	84,447,605	98,803,698	133,427,216	76,912,889	89,988,080	121,522,365
(I) Claim expense	28,607,307	32,612,330	41,480,595	26,250,760	29,925,866	38,063,602
(J) Subtotal	\$184,774,037	\$213,175,831	\$278,900,542	\$167,598,263	\$193,369,405	\$253,016,158
(K) Total (D) + (J)	\$329,381,973	\$382,017,005	\$505,863,931	\$297,149,155	\$344,637,087	\$456,376,827

Note: (2) and (5) are from Summary Exhibit 1.
(3), (4), (6), and (7) are based on actuarial judgment.



The present value of the estimated outstanding losses is the estimated outstanding losses discounted to reflect future investment earnings. It is based on a 3.6% interest rate, as provided by the County.

Outstanding losses increased from \$324.4 million as of November 30, 2012, to \$329.4 million as of November 30, 2013. 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 Table III-1B.

Table III-1B
Comparison of Outstanding Loss Components (\$000s)
November 30, 2012 to November 30, 2013
All Coverages Combined
(Excluding Claim Expense Reserves)

Year (1)	As of 11/30/12			As of 11/30/13			Change		
	Case Reserves (2)	IBNR (3)	Total (4)	Case Reserves (5)	IBNR (6)	Total (7)	Case Reserves (5) – (2) (8)	IBNR (6) – (3) (9)	Total (7) – (4) (10)
to 1993/94	\$4,431	\$443	\$4,874	\$6,460	\$1,534	\$7,994	\$2,029	\$1,091	\$3,120
1994/95	656	24	680	651	175	826	- 5	151	146
1995/96	340	35	375	342	110	452	2	75	77
1996/97	104	11	115	59	90	149	- 45	79	34
1997/98	136	3	139	88	32	120	- 48	29	- 19
1998/99	3,394	340	3,734	3,349	440	3,789	- 45	100	55
1999/00	2,288	207	2,495	260	53	313	-2,028	- 154	-2,182
2000/01	198	20	218	204	144	348	6	124	130
2001/02	531	36	567	671	222	893	140	186	326
2002/03	325	48	373	190	407	597	- 135	359	224
2003/04	795	57	852	1,058	406	1,464	263	349	612
2004/05	9,751	1,810	11,561	16,663	1,233	17,896	6,912	- 577	6,335
2005/06	8,331	3,058	11,389	6,880	2,225	9,105	-1,451	- 833	-2,284
2006/07	10,020	13,870	23,890	3,464	6,216	9,680	-6,556	-7,654	-14,210
2007/08	16,681	8,402	25,083	12,573	8,829	21,402	-4,108	427	-3,681
2008/09	11,065	21,865	32,930	8,675	14,340	23,015	-2,390	-7,525	-9,915
2009/10	24,925	21,037	45,962	23,721	18,652	42,373	-1,204	-2,385	-3,589
2010/11	7,747	40,133	47,880	13,004	27,833	40,837	5,257	-12,300	-7,043
2011/12	31,219	49,880	81,099	22,267	34,315	56,582	-8,952	-15,565	-24,517
2012/13				12,111	48,355	60,466	12,111	48,355	60,466
Total	\$132,937	\$161,279	\$294,216	\$132,690	\$165,611	\$298,301	(\$ 247)	\$4,332	\$4,085

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



A comparison of estimated outstanding losses as of November 30, 2012 and November 30, 2013 is shown in Summary Exhibit 2. Detail by year and coverage is provided in Summary Exhibits 10 through 23.

Estimated outstanding losses as of November 30, 2014, and November 30, 2015 are shown in Summary Exhibit 1.

Summary Exhibit 4 splits the estimated outstanding losses and projected ultimate losses for the liability coverages among Healthcare and Government. Cumulative paid data as of November 30, 2013 was not available separately for Healthcare and Government, so independent analyses could not be completed. We therefore based the estimates on the percentage of case reserve and fiscal year 2012/13 payment data.

2. Project Ultimate Limited Losses

We project ultimate limited losses for 2013/14 to be as shown in Table III-2. The projected ultimate limited losses are the accrual value of losses with accident dates during 2013/14 regardless of report or payment date.

**Table III-2
Projected Ultimate Losses
2013/14**

Coverage (1)	Full Value			Present Value		
	Expected (2)	70% Level (3)	90% Level (4)	Expected (5)	70% Level (6)	90% Level (7)
I. Health Care Facilities						
(Ai) WC - Indemnity	\$1,756,000	\$2,054,520	\$2,774,480	\$1,541,000	\$1,802,970	\$2,434,780
(Aii) WC - Medical	<u>1,181,000</u>	<u>1,381,770</u>	<u>1,865,980</u>	<u>1,071,000</u>	<u>1,253,070</u>	<u>1,692,180</u>
(A) Workers compensation	\$2,937,000	\$3,436,290	\$4,640,460	\$2,612,000	\$3,056,040	\$4,126,960
(Bi) Cermak	2,023,000	2,427,600	3,560,480	1,628,000	1,953,600	2,865,280
(Bii) John H. Stroger	19,636,000	23,563,200	34,559,360	15,799,000	18,958,800	27,806,240
(Biii) Oak Forest	213,000	255,600	374,880	172,000	206,400	302,720
(Biv) Provident	1,744,000	2,092,800	3,069,440	1,418,000	1,701,600	2,495,680
(Bv) Unspecified	<u>152,000</u>	<u>182,400</u>	<u>267,520</u>	<u>123,000</u>	<u>147,600</u>	<u>216,480</u>
(B) Medical malpractice	\$23,768,000	\$28,521,600	\$41,831,680	\$19,140,000	\$22,968,000	\$33,686,400
(C) Subtotal	\$26,705,000	\$31,957,890	\$46,472,140	\$21,752,000	\$26,024,040	\$37,813,360
II. General Government						
(Di) WC - Indemnity	\$13,056,000	\$15,275,520	\$20,628,480	\$11,428,000	\$13,370,760	\$18,056,240
(Dii) WC - Medical	<u>8,686,000</u>	<u>10,162,620</u>	<u>13,723,880</u>	<u>7,856,000</u>	<u>9,191,520</u>	<u>12,412,480</u>
(D) Workers compensation	\$21,742,000	\$25,438,140	\$34,352,360	\$19,284,000	\$22,562,280	\$30,468,720
(E) General liability	429,000	501,930	677,820	385,000	450,450	608,300
(F) Automobile liability	1,448,000	1,694,160	2,287,840	1,338,000	1,565,460	2,114,040
(G) Other liability	16,628,000	19,953,600	29,265,280	13,860,000	16,632,000	24,393,600
(H) Subtotal	\$40,247,000	\$47,587,830	\$66,583,300	\$34,867,000	\$41,210,190	\$57,584,660
(I) Total (C) + (H)	\$66,952,000	\$79,545,720	\$113,055,440	\$56,619,000	\$67,234,230	\$95,398,020

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

The present value of the estimated outstanding losses is the estimated outstanding losses discounted to reflect future investment earnings. It is based on a 3.6% interest rate, as provided by the County.

Projected ultimate losses for 2014/15 and 2015/16 are shown in Summary Exhibit 3.

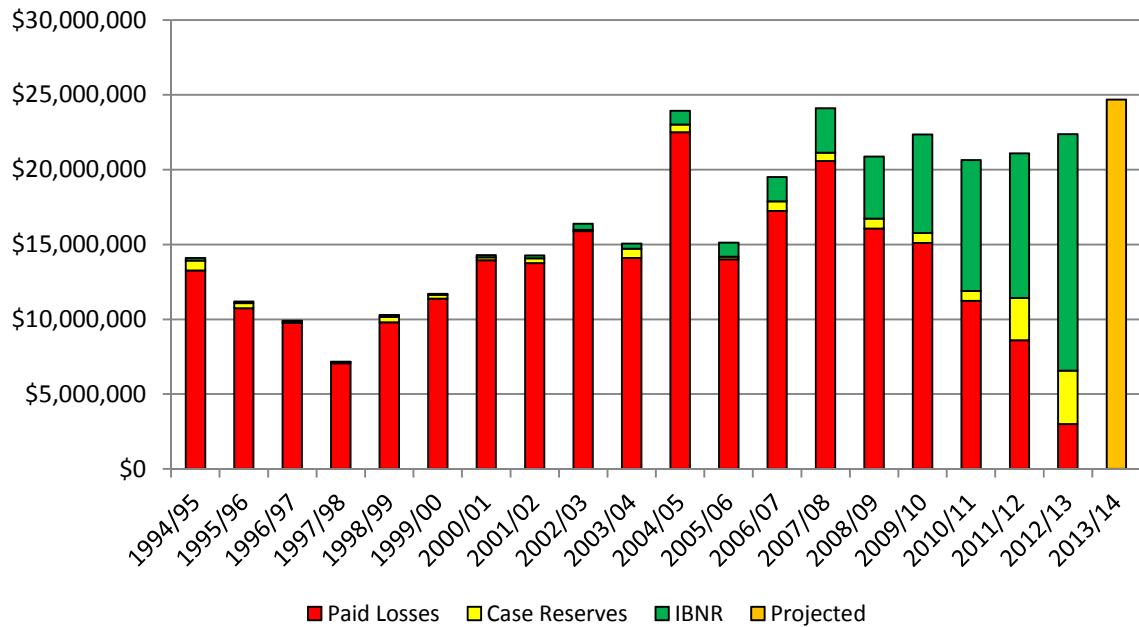
Summary Exhibit 10 shows the change in estimates from last year (inclusive of last year's forecast estimate for the 12/12-11/13 claim period). On this basis, our ultimate



loss and ALAE estimates for all years through the 12/12-11/13 claim period are down by approximately \$3 million, or 0.2%.

Graph III-1 shows the projected ultimate workers compensation losses (health care facilities and general government combined).

Graph III-1
Composition of Projected Ultimate Limited Losses
(Workers Compensation)

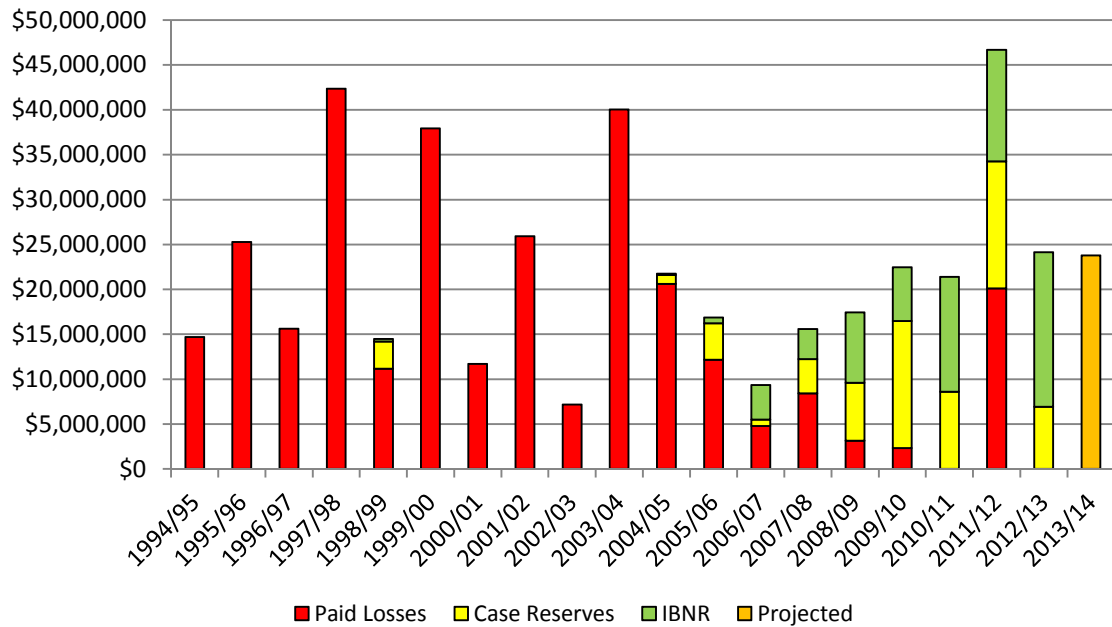


For years through 2011/12, the estimate of the ultimate workers compensation losses has increased by 3.2% from the prior report. This increase was driven primarily by an adjustment in our methodologies and weightings to make a provision for the workers compensation claims handled by the SAO in this study.

For workers compensation, we have factored in the impact of statutory benefit decreases enacted in House Bill 1698 (effective June 28, 2011). We have relied on the National Council on Compensation Insurance (NCCI) estimates in adjusting our historical losses for the impact of this change in projecting future post-Bill 1698 losses.

Graph III-2 shows the projected ultimate medical malpractice losses (all hospitals combined).

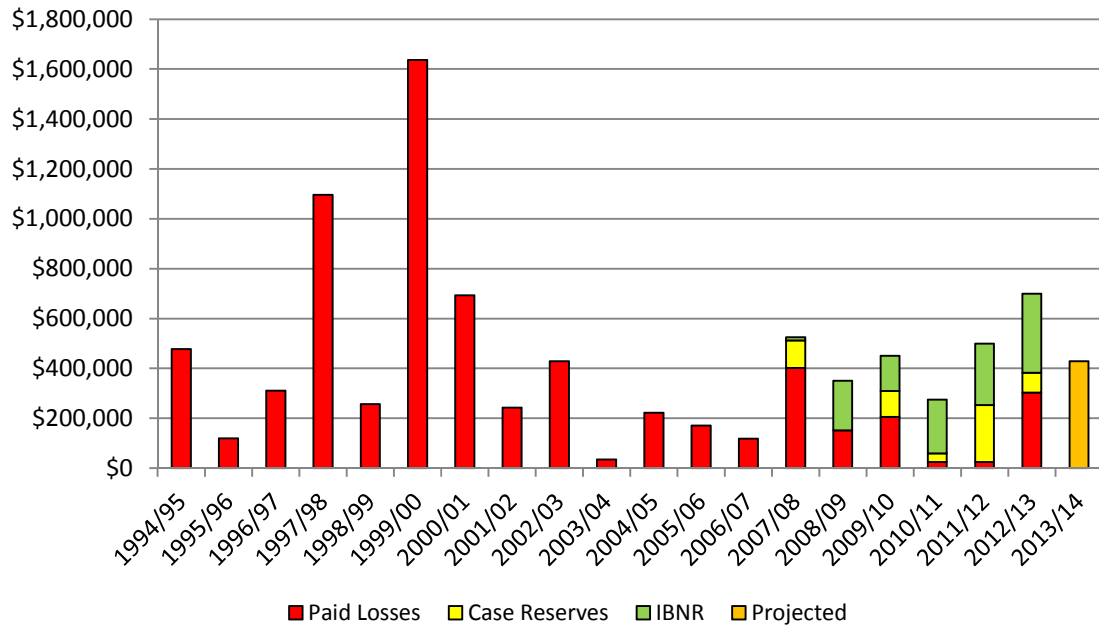
Graph III-2
Composition of Projected Ultimate Limited Losses
(Medical Malpractice)



For years through 2011/12, the estimate of the ultimate medical malpractice losses has decreased by -1.8% from the prior report. We note that there is one very large claim in 2011/12.

Graph III-3 shows the projected ultimate general liability losses.

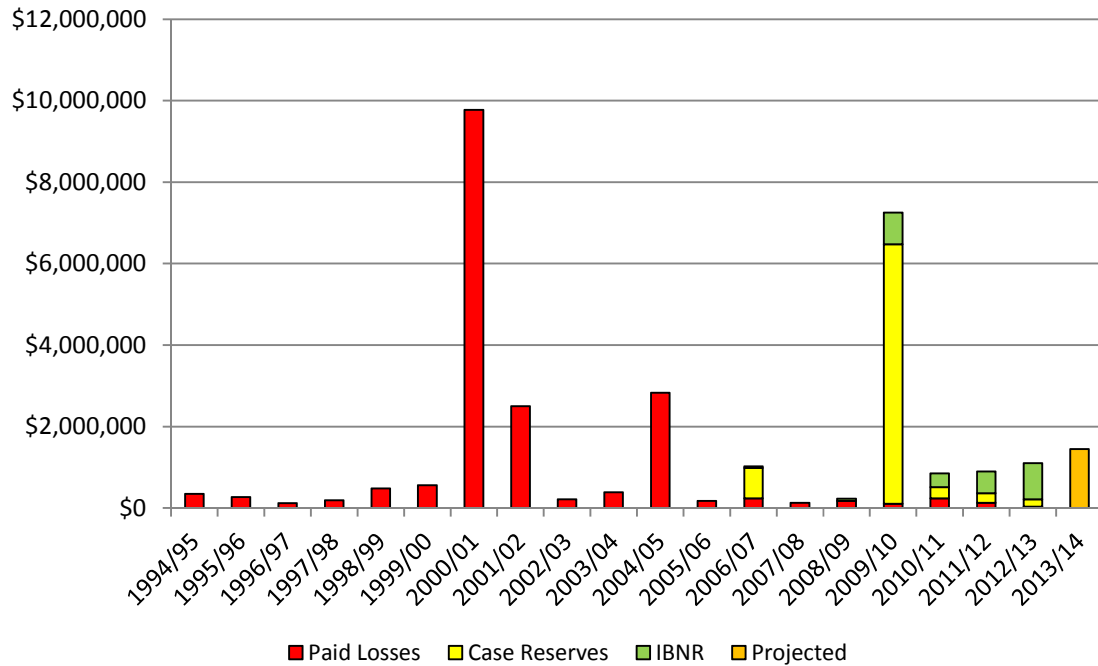
Graph III-3
Composition of Projected Ultimate Limited Losses
(General Liability)



For years through 2011/12, the estimate of the ultimate general liability losses has decreased by 13.6% from the prior report.

Graph III-4 shows the projected ultimate automobile liability losses.

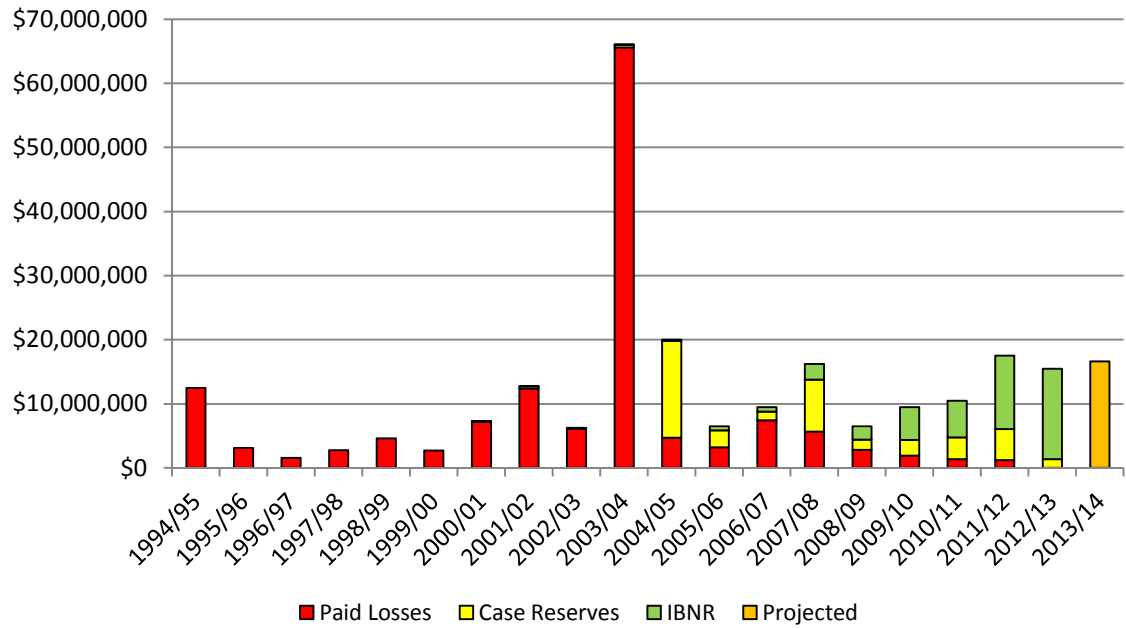
Graph III-4
Composition of Projected Ultimate Limited Losses
(Automobile Liability)



For years through 2011/12, the estimate of the ultimate automobile liability losses has increased by 14.9% from the prior report, primarily due to a large claim in the 2009/10 year.

Graph III-5 shows the projected ultimate other liability losses.

Graph III-5
Composition of Projected Ultimate Limited Losses
(Other Liability)



For years through 2011/12, the estimate of the ultimate other liability losses has decreased by 2.4% from the prior report.

3. Project Losses Paid

We project losses paid during 2013/14 through 2015/16 to be as shown in Table III-3. The projected losses paid are the claim disbursements during 2013/14, 2014/15, and 2015/16, regardless of accident or report date.

**Table III-3
Projected Losses Paid
2013/14, 2014/15, and 2015/16**

Coverage (1)	2013/14 (2)	2014/15 (3)	2015/16 (4)
I. Health Care Facilities			
(Ai) WC - Indemnity	\$2,426,921	\$2,233,744	\$2,106,323
(Aii) WC - Medical	<u>765,098</u>	<u>846,708</u>	<u>929,373</u>
(A) Workers compensation	\$3,192,019	\$3,080,452	\$3,035,696
(Bi) Cermak	966,794	1,262,878	1,404,356
(Bii) John H. Stroger	23,830,746	16,802,892	18,081,708
(Biii) Oak Forest	415,739	436,713	407,426
(Biv) Provident	2,267,241	1,891,531	1,744,041
(Bv) Unspecified	<u>72,245</u>	<u>92,277</u>	<u>122,678</u>
(B) Medical malpractice	\$27,552,765	\$20,486,291	\$21,760,209
(C) Subtotal (A) + (B)	\$30,744,784	\$23,566,743	\$24,795,905
II. General Government			
(Di) WC - Indemnity	\$12,674,313	\$12,051,071	\$12,405,562
(Dii) WC - Medical	<u>8,200,955</u>	<u>8,345,864</u>	<u>8,666,039</u>
(D) Workers compensation	\$20,875,268	\$20,396,935	\$21,071,601
(E) General liability	866,030	539,928	472,318
(F) Automobile liability	6,376,950	4,393,387	1,512,616
(G) Other liability	22,737,510	16,516,366	16,795,644
(H) Subtotal (D)+(E)+(F)+(G)	\$50,855,758	\$41,846,616	\$39,852,179
(I) Total (C) + (H)	\$81,600,542	\$65,413,359	\$64,648,084

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

4. Affirm GASB Statement No. 10

We affirm the conclusions of this report are consistent with GASB Statement No. 10.

Appendix A
Conditions and Limitations

Conditions and Limitations

It is important to understand the conditions and limitations listed below. Each chapter and section is an integral part of the whole study. If there are questions, please contact Aon Global Risk Consulting for clarification.

- **Data Quality.** We relied upon data provided by the organization shown on the transmittal page or its designated agents. The data was used without verification or audit, other than checks for reasonableness. Unless otherwise stated, we assumed the data to be correct and complete.
- **Economic Environment.** Unless otherwise stated, we assumed the current economic conditions will continue in the foreseeable future.
- **Insurance Coverage.** Unless otherwise stated, we assumed no insurance coverage changes (including coverage provided by the organization to others) subsequent to the date this study was prepared. This includes coverage language, self-insured retention, limitations and similar issues.
- **Insurance Solvency.** Unless otherwise stated, we assumed all insurance purchased by the organization is from solvent sources payable in accordance with terms of the coverage document.
- **Interest Rate.** The exhibits specify the annual interest rate used.
- **Methodology.** In this study, different actuarial methods were applied. In some instances, the methods yield significantly disparate results. The estimates, projections and recommendations in this study reflect our judgments as to the best method or combination of methods that are most reliable and reflective of the exposure to loss.
- **Reproduction.** This study may only be reproduced in its entirety.
- **Risk and Variability.** Insurance is an inherently risky enterprise. Actual losses may vary significantly from our estimates, projections and recommendations. They may emerge higher or lower.
- **Statutory and Judicial Changes.** Legislatures and judiciaries may change statutes that govern indemnification. This includes benefit levels for workers compensation, immunities and limitations for liability, and other similar issues. Unless otherwise stated, we assumed no statutory changes subsequent to the date this study was prepared.
- **Supplemental Data.** In addition to the data provided by the

organization, we supplemented our analysis with data from similar organizations and insurance industry statistics, as we deemed appropriate.

- **Usage.** This study has been prepared for the usage of the organization shown on the transmittal page. It was not prepared for and may not be appropriate for use by other organizations. Other organizations should obtain written permission from Aon Global Risk Consulting prior to use of this study.

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.
- For litigated Workers Compensation claims, the State's Attorney's Office has been managing and handling these claims. However, the SAO reserve estimates were not included in the RMS starting in May 2011. The appropriate claim valuations have not been set up in the source files being used by this analysis for the majority of these claims as of the November 30, 2013 evaluation date. The level of information available for this analysis is less detailed on these claims at present. As such, we could not effectively employ all our actuarial methodologies in developing estimates for this segment of claims. As a result, the underlying estimates are subject to a greater level of 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.
- The dollar impact of HB 1698 effective June 28, 2011 will not be clear for several more years including its impact on trend and loss development.

We believe we have made prudent selections based on the reviewed data as of November 30, 2013. Cook County should be aware that these critical assumptions could significantly influence our estimates up or down.

Appendix B
Glossary of Actuarial Terms

Glossary of Actuarial Terms

Actuarial Methods (Most Common)

A major objective of an actuarial study is to statistically project ultimate losses. The following actuarial methods are the most common:

- Developed Paid Losses
- Developed Reported Incurred Losses
- Developed Case Reserves
- Frequency Times Severity Analysis
- Loss Rate Analysis

The following describes each method:

1. **Developed Paid Losses.** Paid losses represent the amounts actually paid to claimants (less excess insurance recoveries). As time goes on, loss payments continue until all claims are closed and there are no remaining payments expected. At this time, the ultimate losses for the claim period are known. This common process is called “paid loss development.”

Paid loss development is an extrapolation of actual dollars paid. It does not depend on case reserve estimates. A potential shortcoming of utilizing this method is that only a small fraction of total payments have been made for the most recent claim periods. Extrapolating ultimate losses based on small amounts of actual payments may be speculative. A second potential shortcoming is that payment patterns can change over time.

2. **Developed Reported Incurred Losses.** Reported incurred losses are paid losses plus case reserves. In most programs, total reported incurred losses underestimate the ultimate losses. Over time, as more information about a body of claims becomes known, they are adjusted either up or down until they are closed. Though many individual claims settle for less than what was estimated, these decreases are generally more than offset by increases in the cost of other claims for which new information has emerged.

The net effect is that total estimated costs are often revised upward over time. This normal process is called “reported incurred loss development.” Actuaries typically review the development patterns of the recent past to make projections of the expected future loss development and, therefore, estimations of ultimate losses.

3. **Developed Case Reserves.** The developed case reserves method is a hybrid of the paid loss development and reported incurred loss development methods. It relies on the historical adequacy of case reserves to predict ultimate losses.
4. **Frequency Times Severity Analysis.** The frequency times severity analysis is an actuarial method that uses a preliminary projection of ultimate losses to project claims severity. The claims severity times the number of claims is a predictor of ultimate losses. The focus of the frequency times severity analysis is that ultimate losses each period are dependent on the number of claims.
5. **Loss Rate Analysis.** The loss rate analysis is based on the historical loss rates per exposure unit (such as payroll, vehicles or property value). The loss rates (projected ultimate losses divided by exposure units) are trended to reflect the effect of claim cost inflation and retention changes. The trended loss rates represent the rates that one would see if all of the claims had been handled in the claim cost environment that will be present in the upcoming period. The trended loss rate times the projected exposure units is a predictor of losses.
6. **Bornhuetter-Ferguson Method (B-F).** The B-F method is an actuarial method that weights a preliminary projection of ultimate losses with projections of ultimate losses determined by other actuarial methods (usually the developed paid losses and developed reported incurred losses methods). For less mature claim periods, the B-F method leans more heavily to the preliminary projection. It gradually converges to the projections of ultimate losses determined by the other actuarial methods as the claim periods mature.

Actuary

A specialist trained in mathematics, statistics, and finance who is responsible for rate, reserve, and dividend calculations and other statistical studies.

Allocated Loss Adjustment Expenses

Allocated loss adjustment expenses (ALAE) are the direct expenses to settle specific claims. These expenses are primarily legal expenses.

Governmental Accounting Standards Board (GASB) Statement No. 10 requires that ALAE be included in financial statements and that they be calculated by actuarial methods.

American Academy of Actuaries

A society concerned with the development of education in the field of actuarial science and with the enhancement of standards in the actuarial field. Members may use the designation MAAA (Member, American Academy of Actuaries).

Benefits

The financial reimbursement and other services provided insureds by insurers under the terms of an insurance contract. An example would be the benefits listed under a life or health insurance policy or benefits as prescribed by a workers compensation law.

Casualty Actuarial Society

A professional society for actuaries in areas of property and casualty insurance work. This society grants the designation of Associate of the Casualty Actuarial Society (ACAS) and Fellow of the Casualty Actuarial Society (FCAS).

Claim

Demand by an individual or entity to recover for a loss.

Claims Made

A policy written on this basis covers only those claims that are made during the policy period. Coverage for prior acts is provided back to what is known as the retroactive date, which is the effective date of the original claims made policy with the same insurer.

Composite Rate

A single rate with a single basis of premium (e.g., payroll or sales). For this single rate the insured is covered for a variety of hazards, such as premises and operations, completed operations, products liability, and automobile. Its primary value is to compute premium simply.

Confidence Level

A confidence level is the statistical certainty that an actuary believes funding will be sufficient. For example, an 80% confidence level means that the actuary believes funding will be sufficient in eight years out of ten.

Confidence levels are determined based on mathematical models. Coverages that are low frequency and high severity (such as excess liability) are subject to greater risk than coverages that are high frequency and low severity (such as automobile physical damage). Therefore, they need a greater margin to attain a given confidence level.

GASB Statement No. 10 requires public entities to use “expected” amounts as a liability in financial statements. Expected corresponds to approximately a 55% confidence level. Amounts above expected are prudent, but should be considered equity (not a liability).

Coverage

The scope of the protection provided under a contract of insurance.

Credibility

Credibility is the belief that the sample data is an accurate reflection of the larger population. Credibility is highest when the sample data is large and the standard deviation (discussed later) of the larger population is low.

Dates

There are at least three milestone dates in a claim. They are the date of injury or accident, the date of report and the date of closure. It is best if each of these dates is recorded. Some organizations may also keep the date a claim becomes a lawsuit, as opposed to a demand. Aon Global Risk Consulting recommends this additional level of detail, especially if the data is to be used for litigation management.

Deductible

The portion of an insured loss to be borne by the insured before he is entitled to recovery from the insurer. Deductibles may be expressed as a dollar amount, percentage or waiting period.

Disability

A condition that curtails a person's ability to carry on his normal pursuits. A disability may be partial or total, and temporary or permanent.

Dividend (Policyholder)

The return of part of the premium paid for a policy issued on a participating basis by either a mutual or a stock insurer.

Estimated Outstanding Losses

Estimated outstanding losses are the cost of claims that have occurred but have not yet been paid. They typically include indemnification and allocated loss adjustment expenses (ALAE), but not unallocated loss adjustment expenses (ULAE).

Estimated outstanding losses are calculated as projected ultimate losses less paid losses. Alternatively, they are the sum of case reserves and incurred but not reported (IBNR) claims.

Estimated outstanding losses are usually the largest single item listed as a liability on the balance sheet of a public entity's financial statement. GASB Statement No. 10 requires they be calculated by actuarial methods. Other common names for estimated outstanding losses are outstanding claims liabilities and unpaid claims.

Experience Rating

A method of adjusting the premium for a risk based on past loss experience for that risk compared to loss experience for an average risk.

Exposure Data

Exposure data refers to the activities of the organization. For example, payroll is the most common exposure measure for workers compensation. Aon Global Risk Consulting suggests collecting exposure data with the following characteristics:

- **Readily Available.** The exposure data should be easily obtained. It is best if it is a byproduct of other activities, although this is not always possible. If getting data is arduous, it may discourage collection.
- **Vary With Losses.** The exposure data should correlate directly with losses. The ideal situation is where exposure and expected losses move in tandem. The exposure base needs to be fitting to the coverage. For example, the number of employees may vary with property losses (more employees = more office space = more losses), but property value is a clearly superior exposure base for property losses.

Generally Accepted Accounting Principles (GAAP)

These principles are intended to produce financial results (in the insurance industry) consistent with those of other industries and to assure consistency in financial reporting.

Incurred But Not Reported

IBNR is really comprised of two distinct items. These are the development of known case reserves (incurred but not enough reported [IBNER] and incurred but not yet reported [IBNYR]).

IBNER are the actuary's estimate of the inadequacy of case reserves. Most claims settle at amounts close to what is set by the claims administrator. Some claims close favorably and some emerge as more expensive. On balance, case reserves tend to be too low

(especially for recent years). IBNER is the actuary's estimate of the amount total case reserves will rise upon closure.

IBNYR refers to those claims that have occurred, but have not yet been reported. A classic example is medical malpractice claim reported several years after the medical procedure was performed.

Insurance Services Office (ISO)

An organization of the property and casualty insurance business designed to gather statistics, promulgate rates, and develop policy forms.

Investment Income

The return received by entities from their investment portfolios, including interest, dividends and realized capital gains on stocks. Realized capital gains means the profit realized on assets that have actually been sold for more their purchase price.

Limited

Most programs purchase excess insurance for catastrophic claims. For example, they may purchase coverage for claims above a \$500,000 per occurrence self-insured retention. "Limited" refers to an estimate or projection being limited to the self-insured retention. In contrast, "unlimited" means a loss projection not limited to the self-insured retention.

Other common names for limited are net of excess insurance or capped losses.

Loss Development

The difference between the amount of losses initially estimated by the insurer and the amount reported in an evaluation on a later date. Loss development is typically measured for paid losses, reported incurred losses and claim counts.

Manual Rates

Usually, the published rate for some unit of insurance. An example is in the workers compensation manual, where the rates shown apply to each \$100 of the payroll of the insured, \$100 being the "unit."

National Council on Compensation Insurance (NCCI)

An association of workers compensation insurance companies whose main functions are collecting statistics and calculating rates, establishing policy wording, developing experience and retrospective rating plans, and serving as the filing organization for member companies.

Net

Many pooling programs assign deductibles to members. For example, each member may have a \$5,000 per claim deductible. "Net" refers to a loss estimate or projection that excludes amounts below member deductibles.

Occurrence

An event that results in an insured loss. In some lines of insurance, such as general liability, it is distinguished from accident in that the loss does not have to be sudden and fortuitous and can result from continuous or repeated exposure that results in bodily injury or property damage neither expected nor intended by the insured.

Pool

An organization of entities through which particular types of risks are written with the premiums, losses, and expenses shared in agreed amounts among the members belonging to the organization.

Premium

The price of insurance protection for a specified risk for a specified period of time.

Present Value

The amount of money that future amounts receivable are currently worth. For example, a Life Insurance policy may provide for payments to be made monthly for ten years. The present value of that money would be less than the total amount of the regular periodic payments for 10 years because of the amount of interest that a present lump sum could earn during the term than the payments otherwise would have been made.

Probability

The probability is the likelihood of an event. It is a measure of how likely a value or event is to occur. It can be measured from data by calculating the number of occurrences of the value or event divided by the total number of occurrences. This calculation can be converted to a percentage. For example, tossing a coin has a 50% probability of heads or tails.

Projected Losses Paid



Projected losses paid are the projected claims disbursements in a period, regardless of when the claim occurred. They typically include indemnification and ALAE, but not unallocated loss adjustment expenses (ULAE).

"Projected losses paid" is a cash-flow analysis that can be used in making investment decisions.

Projected Ultimate Losses

Projected ultimate losses are the accrual value of claims. They are the total amount that is expected to be paid in a particular claim period after all claims are closed. Projected ultimate losses are the total loss costs for a particular period. They typically include indemnification and ALAE, but not ULAE.

Other common names for projected ultimate losses are expected losses, ultimate losses and total losses.

Rate

The cost of a given unit of insurance. For example, in life insurance, it is the price of \$1,000 of the face amount. In property insurance, it is the rate per \$100 of value to be insured. The premium is the rate multiplied by the number of units of insurance purchased.

Retrospective Rating

A method for which the final premium is not determined until the end of the coverage period, and is based on the insured's own loss experience for that same period. It is usually subject to a maximum and minimum premium. A plan of this type can be used in various types of insurance, especially workers compensation and liability, and is usually elected by only very large insureds.

Salvage

Property taken over by an entity to reduce its loss. Automobile physical damage losses can be reduced by the sale of recovered vehicles.

Schedule Rating

The application of debits or credits within established ranges for various characteristics of a risk according to an established schedule of items. Under liability and automobile insurance, the schedule rating plan allows credits and debits for various good or bad features of a particular commercial risk. An example in automobile schedule rating would be allowing credits for driver training classes or fleet maintenance programs.

Self-Insurance Retention (SIR)

That portion of a risk or potential loss assumed by an insured. It is often in the form of a per occurrence deductible.

Society of Actuaries (SOA)

A professional society for actuaries in areas of pensions, and life and health insurance work. The SOA grants the designation Associate of the Society of Actuaries (ASA) and Fellow of the Society of Actuaries (FSA).

Standard Premium

Most often used in connection with retrospective rating for Workers Compensation and General Liability Insurance. It is the premium of which the basic premium is a percentage and is developed by applying the regular rates to an insured's payroll.

State Fund

A fund set up by a state government to finance a mandatory insurance system, such as Workers Compensation or non-occupational disability benefits. Such a fund may be monopolistic, i.e., purchasers of the type of insurance required must place it in the state fund; or it may be competitive, i.e., an alternative to private insurance if the purchaser desires to use it.

Statutory Accounting Principles (SAP)

Those principles required by statute that must be followed by an insurance company or other similar entity when submitting its financial statement to the state insurance department. Such principles differ from (GAAP) in some important respects. For one thing SAP requires that expenses must be recorded immediately and cannot be deferred to track with premiums as they are earned and taken into revenue.

Unallocated Loss Adjustment Expenses

Unallocated loss adjustment expenses (ULAE) are the indirect expenses to settle claims. These expenses are primarily administration and claims handling expenses.

GASB Statement No. 10 requires that ULAE be included in financial statements and that they be calculated by actuarial methods.

Appendix C

Exhibits

Exhibits

The attached exhibits detail our analysis.



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 1 (page 1)

Estimated Outstanding Losses

A. Estimated Outstanding Losses as of 11/30/13

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	\$6,333,735	\$7,220,458	\$9,183,916	\$5,516,190	\$6,288,457	\$7,998,476
(Aii) WC - Medical	2,861,936	3,262,607	4,149,807	2,491,334	2,840,121	3,612,434
(A) Workers compensation	\$9,195,671	\$10,483,065	\$13,333,723	\$8,007,524	\$9,128,577	\$11,610,910
(Bi) Cermak	8,508,900	9,955,413	13,444,062	7,497,627	8,772,224	11,846,251
(Bii) John H. Stroger	111,713,651	130,704,972	176,507,569	100,321,593	117,376,264	158,508,117
(Biii) Oak Forest	2,200,000	2,574,000	3,476,000	1,985,485	2,323,017	3,137,066
(Biv) Provident	9,800,000	11,466,000	15,484,000	8,890,551	10,401,945	14,047,071
(Bv) Unspecified	715,000	836,550	1,129,700	626,858	733,424	990,436
(B) Medical malpractice	\$132,937,551	\$155,536,935	\$210,041,331	\$119,322,114	\$139,606,873	\$188,528,940
(C) Claim Expense Reserves	2,474,714	2,821,174	3,588,335	2,221,254	2,532,230	3,220,818
(D) Subtotal	\$144,607,936	\$168,841,173	\$226,963,389	\$129,550,892	\$151,267,680	\$203,360,668
II. General Government						
(Ei) WC - Indemnity	40,565,843	46,245,061	58,820,472	36,100,488	41,154,556	52,345,708
(Eii) WC - Medical	19,017,669	21,680,143	27,575,620	16,619,908	18,946,695	24,098,867
(E) Workers compensation	\$59,583,512	\$67,925,204	\$86,396,092	\$52,720,396	\$60,101,251	\$76,444,574
(F) General liability	1,689,935	1,926,526	2,450,406	1,612,958	1,838,772	2,338,789
(G) Automobile liability	10,445,678	11,908,073	15,146,233	10,101,260	11,515,436	14,646,827
(H) Other liability	84,447,605	98,803,698	133,427,216	76,912,889	89,988,080	121,522,365
(I) Claim Expense Reserves	28,607,307	32,612,330	41,480,595	26,250,760	29,925,866	38,063,602
(J) Subtotal	\$184,774,037	\$213,175,830	\$278,900,542	\$167,598,263	\$193,369,406	\$253,016,157
Total	\$329,381,973	\$382,017,004	\$505,863,931	\$297,149,155	\$344,637,087	\$456,376,825

B. Estimated Outstanding Losses as of 11/30/14

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	\$5,662,814	\$6,455,608	\$8,211,080	\$4,933,316	\$5,623,980	\$7,153,308
(Aii) WC - Medical	3,277,838	3,736,735	4,752,865	2,838,868	3,236,310	4,116,359
(A) Workers compensation	\$8,940,652	\$10,192,343	\$12,963,945	\$7,772,184	\$8,860,290	\$11,269,667
(Bi) Cermak	9,565,106	11,191,174	15,112,867	8,469,774	9,909,636	13,382,243
(Bii) John H. Stroger	107,518,905	125,797,119	169,879,870	95,885,066	112,185,527	151,498,404
(Biii) Oak Forest	1,997,261	2,336,795	3,155,672	1,811,354	2,119,284	2,861,939
(Biv) Provident	9,276,759	10,853,808	14,657,279	8,371,559	9,794,724	13,227,063
(Bv) Unspecified	794,755	929,863	1,255,713	702,591	822,031	1,110,094
(B) Medical malpractice	\$129,152,786	\$151,108,760	\$204,061,402	\$115,240,344	\$134,831,202	\$182,079,744
(C) Claim Expense Reserves	2,404,258	2,740,854	3,486,174	2,158,014	2,460,136	3,129,121
(D) Subtotal	\$140,497,696	\$164,041,957	\$220,511,521	\$125,170,542	\$146,151,629	\$196,478,531
II. General Government						
(Ei) WC - Indemnity	40,947,530	46,680,184	59,373,919	36,443,065	41,545,094	52,842,444
(Eii) WC - Medical	19,502,714	22,233,094	28,278,935	17,023,225	19,406,477	24,683,676
(E) Workers compensation	\$60,450,244	\$68,913,278	\$87,652,854	\$53,466,290	\$60,951,571	\$77,526,121
(F) General liability	1,252,905	1,428,312	1,816,712	1,188,829	1,355,265	1,723,802
(G) Automobile liability	5,516,728	6,289,070	7,999,256	5,345,374	6,093,726	7,750,792
(H) Other liability	78,338,095	91,655,571	123,774,190	70,901,776	82,955,078	112,024,806
(I) Claim Expense Reserves	25,208,343	28,737,511	36,552,098	23,131,788	26,370,238	33,541,093
(J) Subtotal	\$170,766,315	\$197,023,742	\$257,795,110	\$154,034,057	\$177,725,878	\$232,566,614
Total	\$311,264,011	\$361,065,699	\$478,306,631	\$279,204,600	\$323,877,507	\$429,045,145

C. Estimated Outstanding Losses as of 11/30/15

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	\$5,212,070	\$5,941,760	\$7,557,502	\$4,538,932	\$5,174,382	\$6,581,451
(Aii) WC - Medical	3,660,130	4,172,548	5,307,189	3,149,795	3,590,766	4,567,203
(A) Workers compensation	\$8,872,200	\$10,114,308	\$12,864,690	\$7,688,727	\$8,765,149	\$11,148,654
(Bi) Cermak	10,463,228	12,241,977	16,531,900	9,290,580	10,869,979	14,679,116
(Bii) John H. Stroger	111,970,013	131,004,915	176,912,621	99,950,544	116,942,136	157,921,860
(Biii) Oak Forest	1,784,548	2,087,921	2,819,586	1,618,773	1,893,964	2,557,661
(Biv) Provident	9,200,228	10,764,267	14,536,360	8,276,083	9,683,017	13,076,211
(Bv) Unspecified	862,478	1,009,099	1,362,715	767,330	897,776	1,212,381
(B) Medical malpractice	\$134,280,495	\$157,108,179	\$212,163,182	\$119,903,310	\$140,286,873	\$189,447,230
(C) Claim Expense Reserves	2,499,713	2,849,673	3,624,585	2,243,693	2,557,810	3,253,355
(D) Subtotal	\$145,652,408	\$170,072,161	\$228,652,457	\$129,835,730	\$151,609,832	\$203,849,239
II. General Government						
(Ei) WC - Indemnity	42,147,459	48,048,103	61,113,816	37,502,040	42,752,326	54,377,958
(Eii) WC - Medical	20,190,850	23,017,569	29,276,733	17,611,130	20,076,688	25,536,139
(E) Workers compensation	\$62,338,309	\$71,065,672	\$90,390,548	\$55,113,170	\$62,829,014	\$79,914,097
(F) General liability	1,162,977	1,325,794	1,686,317	1,100,900	1,255,026	1,596,305
(G) Automobile liability	2,629,341	2,997,449	3,812,544	2,507,088	2,858,080	3,635,278
(H) Other liability	79,280,729	92,758,453	125,263,552	71,719,823	83,912,193	113,317,320
(I) Claim Expense Reserves	24,605,684	28,050,480	35,678,242	22,578,774	25,739,802	32,739,222
(J) Subtotal	\$170,017,040	\$196,197,848	\$256,831,203	\$153,019,755	\$176,594,115	\$231,202,221
Total	\$315,669,449	\$366,270,008	\$485,483,660	\$282,855,485	\$328,203,947	\$435,051,460



Estimated Outstanding Losses

Footnotes:

Section I, Ai is from Exhibit WC-HC-Ind-11.

Section I, Aii is from Exhibit WC-HC-Med-11.

Section I, Bi is from Exhibit MM-Cermak-11.

Section I, Bii is from Exhibit MM-Stroger-11.

Section I, Biii is from Exhibit MM-OakForest-11.

Section I, Biv is from Exhibit MM-Provident-11.

Section I, Bv is from Exhibit MM-Unspecified-11.

Section I, C is from Summary Exhibit 7.

Section II, Ei is from Exhibit WC-Gov-Ind-11.

Section II, Eii is from Exhibit WC-Gov-Med-11.

Section II, F is from Exhibit GL-11.

Section II, G is from Exhibit AL-11.

Section II, H is from Exhibit OL-11.

Section II, I is from Summary Exhibit 7.



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 2

Comparison of Estimated Outstanding Losses

	As of November 30, 2012			As of November 30, 2013			Change		
	Case Reserves	IBNR	Total	Case Reserves	IBNR	Total	Case Reserves	IBNR	Total
I. Health Care Facilities									
(Ai) WC - Indemnity	\$1,665,613	\$3,437,083	\$5,102,696	\$1,795,400	\$4,538,338	\$6,333,738	\$129,787	\$1,101,255	\$1,231,042
(Aii) WC - Medical	895,277	1,495,451	2,390,727	1,026,208	1,835,728	2,861,936	130,931	340,277	471,209
(A) Workers compensation	\$2,560,890	\$4,932,533	\$7,493,423	\$2,821,607	\$6,374,066	\$9,195,674	\$260,718	\$1,441,533	\$1,702,251
(Bi) Cermak	4,080,500	5,791,400	9,871,900	3,250,500	5,258,400	8,508,900	-830,000	-533,000	-1,363,000
(Bii) John H. Stroger	64,292,500	60,260,673	124,553,173	61,327,500	50,386,151	111,713,651	-2,965,000	-9,874,522	-12,839,522
(Biii) Oak Forest	51,000	2,399,000	2,450,000	150,000	2,050,000	2,200,000	99,000	-349,000	-250,000
(Biv) Provident	3,580,000	7,576,000	11,156,000	3,080,000	6,720,000	9,800,000	-500,000	-856,000	-1,356,000
(Bv) Unspecified	105,000	561,000	666,000	90,000	625,000	715,000	-15,000	64,000	49,000
(B) Medical malpractice	\$72,109,000	\$76,588,073	\$148,697,073	\$67,898,000	\$65,039,551	\$132,937,551	-\$4,211,000	-\$11,548,522	-\$15,759,522
(C) Claim Expense Reserves		2,816,064	2,816,064		2,474,714	2,474,714	0	-341,351	-341,351
(D) Subtotal	\$74,669,890	\$84,336,671	\$159,006,560	\$70,719,607	\$73,888,331	\$144,607,938	-\$3,950,282	-\$10,448,340	-\$14,398,622
II. General Government									
(Ei) WC - Indemnity	6,824,060	23,339,588	30,163,648	8,078,326	32,487,515	40,565,841	1,254,266	9,147,928	10,402,193
(Eii) WC - Medical	3,347,978	11,971,815	15,319,793	3,761,561	15,256,108	19,017,669	413,583	3,284,293	3,697,876
(E) Workers compensation	\$10,172,039	\$35,311,403	\$45,483,441	\$11,839,887	\$47,743,624	\$59,583,511	\$1,667,848	\$12,432,221	\$14,100,069
(F) General liability	2,651,300	1,372,825	4,024,125	558,500	1,131,434	1,689,934	-2,092,800	-241,390	-2,334,190
(G) Automobile liability	3,610,800	1,906,342	5,517,142	7,815,800	2,629,878	10,445,678	4,205,000	723,536	4,928,536
(H) Other liability	41,834,750	41,168,835	83,003,585	41,755,600	42,692,005	84,447,605	-79,150	1,523,170	1,444,020
(I) Claim Expense Reserves		27,398,571	27,398,571		28,607,307	28,607,307	0	1,208,736	1,208,736
(J) Subtotal	\$58,268,889	\$107,157,975	\$165,426,864	\$61,969,787	\$122,804,248	\$184,774,035	\$3,700,898	\$15,646,273	\$19,347,172
Total	\$132,938,778	\$191,494,645	\$324,433,424	\$132,689,394	\$196,692,579	\$329,381,974	-\$249,384	\$5,197,934	\$4,948,550



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 3 (page 1)

Projected Ultimate Losses

A. 2013/14 Projected Ultimate Losses

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	\$1,756,000	\$2,054,520	\$2,774,480	\$1,541,000	\$1,802,970	\$2,434,780
(Aii) WC - Medical	1,181,000	1,381,770	1,865,980	1,071,000	1,253,070	1,692,180
(A) Workers compensation	\$2,937,000	\$3,436,290	\$4,640,460	\$2,612,000	\$3,056,040	\$4,126,960
(Bi) Cermak	2,023,000	2,427,600	3,560,480	1,628,000	1,953,600	2,865,280
(Bii) John H. Stroger	19,636,000	23,563,200	34,559,360	15,799,000	18,958,800	27,806,240
(Biii) Oak Forest	213,000	255,600	374,880	172,000	206,400	302,720
(Biv) Provident	1,744,000	2,092,800	3,069,440	1,418,000	1,701,600	2,495,680
(Bv) Unspecified	152,000	182,400	267,520	123,000	147,600	216,480
(B) Medical malpractice	\$23,768,000	\$28,521,600	\$41,831,680	\$19,140,000	\$22,968,000	\$33,686,400
(C) Subtotal	\$26,705,000	\$31,957,890	\$46,472,140	\$21,752,000	\$26,024,040	\$37,813,360
II. General Government						
(Di) WC - Indemnity	13,056,000	15,275,520	20,628,480	11,428,000	13,370,760	18,056,240
(Dii) WC - Medical	8,686,000	10,162,620	13,723,880	7,856,000	9,191,520	12,412,480
(D) Workers compensation	\$21,742,000	\$25,438,140	\$34,352,360	\$19,284,000	\$22,562,280	\$30,468,720
(E) General liability	429,000	501,930	677,820	385,000	450,450	608,300
(F) Automobile liability	1,448,000	1,694,160	2,287,840	1,338,000	1,565,460	2,114,040
(G) Other liability	16,628,000	19,953,600	29,265,280	13,860,000	16,632,000	24,393,600
(H) Subtotal	\$40,247,000	\$47,587,830	\$66,583,300	\$34,867,000	\$41,210,190	\$57,584,660
Total	\$66,952,000	\$79,545,720	\$113,055,440	\$56,619,000	\$67,234,230	\$95,398,020

B. 2014/15 Projected Ultimate Losses

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	\$1,783,000	\$2,086,110	\$2,817,140	\$1,564,000	\$1,829,880	\$2,471,120
(Aii) WC - Medical	1,229,000	1,437,930	1,941,820	1,114,000	1,303,380	1,760,120
(A) Workers compensation	\$3,012,000	\$3,524,040	\$4,758,960	\$2,678,000	\$3,133,260	\$4,231,240
(Bi) Cermak	2,161,000	2,593,200	3,803,360	1,739,000	2,086,800	3,060,640
(Bii) John H. Stroger	21,254,000	25,504,800	37,407,040	17,101,000	20,521,200	30,097,760
(Biii) Oak Forest	224,000	268,800	394,240	180,000	216,000	316,800
(Biv) Provident	1,815,000	2,178,000	3,194,400	1,475,000	1,770,000	2,596,000
(Bv) Unspecified	160,000	192,000	281,600	129,000	154,800	227,040
(B) Medical malpractice	\$25,614,000	\$30,736,800	\$45,080,640	\$20,624,000	\$24,748,800	\$36,298,240
(C) Subtotal	\$28,626,000	\$34,260,840	\$49,839,600	\$23,302,000	\$27,882,060	\$40,529,480
II. General Government						
(Di) WC - Indemnity	13,251,000	15,503,670	20,936,580	11,599,000	13,570,830	18,326,420
(Dii) WC - Medical	9,034,000	10,569,780	14,273,720	8,171,000	9,560,070	12,910,180
(D) Workers compensation	\$22,285,000	\$26,073,450	\$35,210,300	\$19,770,000	\$23,130,900	\$31,236,600
(E) General liability	450,000	526,500	711,000	404,000	472,680	638,320
(F) Automobile liability	1,506,000	1,762,020	2,379,480	1,391,000	1,627,470	2,197,780
(G) Other liability	17,459,000	20,950,800	30,727,840	14,553,000	17,463,600	25,613,280
(H) Subtotal	\$41,700,000	\$49,312,770	\$69,028,620	\$36,118,000	\$42,694,650	\$59,685,980
Total	\$70,326,000	\$83,573,610	\$118,868,220	\$59,420,000	\$70,576,710	\$100,215,460

C. 2015/16 Projected Ultimate Losses

	Full Value			Present Value		
	Expected	70%	90%	Expected	70%	90%
I. Health Care Facilities						
(Ai) WC - Indemnity	\$1,809,000	\$2,116,530	\$2,858,220	\$1,588,000	\$1,857,960	\$2,509,040
(Aii) WC - Medical	1,278,000	1,495,260	2,019,240	1,159,000	1,356,030	1,831,220
(A) Workers compensation	\$3,087,000	\$3,611,790	\$4,877,460	\$2,747,000	\$3,213,990	\$4,340,260
(Bi) Cermak	2,269,000	2,722,800	3,993,440	1,826,000	2,191,200	3,213,760
(Bii) John H. Stroger	22,317,000	26,780,400	39,277,920	17,956,000	21,547,200	31,602,560
(Biii) Oak Forest	235,000	282,000	413,600	189,000	226,800	332,640
(Biv) Provident	1,906,000	2,287,200	3,354,560	1,549,000	1,858,800	2,726,240
(Bv) Unspecified	168,000	201,600	295,680	135,000	162,000	237,600
(B) Medical malpractice	\$26,895,000	\$32,274,000	\$47,335,200	\$21,655,000	\$25,986,000	\$38,112,800
(C) Subtotal	\$29,982,000	\$35,885,790	\$52,212,660	\$24,402,000	\$29,199,990	\$42,453,060
II. General Government						
(Di) WC - Indemnity	13,450,000	15,736,500	21,251,000	425,000	497,250	671,500
(Dii) WC - Medical	9,395,000	10,992,150	14,844,100	8,498,000	9,942,660	13,426,840
(D) Workers compensation	\$22,845,000	\$26,728,650	\$36,095,100	\$8,923,000	\$10,439,910	\$14,098,340
(E) General liability	473,000	553,410	747,340	425,000	497,250	671,500
(F) Automobile liability	1,566,000	1,832,220	2,474,280	1,447,000	1,692,990	2,286,260
(G) Other liability	18,332,000	21,998,400	32,264,320	15,280,000	18,336,000	26,892,800
(H) Subtotal	\$43,216,000	\$51,112,680	\$71,581,040	\$26,075,000	\$30,966,150	\$43,948,900
Total	\$73,198,000	\$86,998,470	\$123,793,700	\$50,477,000	\$60,166,140	\$86,401,960



Projected Ultimate Losses

Footnotes:

Section I, Ai is from Exhibit WC-HC-Ind-10.

Section I, Aii is from Exhibit WC-HC-Med-10.

Section I, Bi is from Exhibit MM-Cermak-10.

Section I, Bii is from Exhibit MM-Stroger-10.

Section I, Biii is from Exhibit MM-OakForest-10.

Section I, Biv is from Exhibit MM-Provident-10.

Section I, Bv is from Exhibit MM-Unspecified-10.

Section II, Ei is from Exhibit WC-Gov-Ind-10.

Section II, Eii is from Exhibit WC-Gov-Med-10.

Section II, F is from Exhibit GL-10.

Section II, G is from Exhibit AL-10.

Section II, H is from Exhibit OL-10.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE AND LIABILITY

Summary Exhibit 4

Split of Liability Losses Among Healthcare and Government

	Coverage (1)	Total (2)	Healthcare (3)	Government (4)
1. 12/12 - 11/13 Payments				
General liability		\$1,430,190	\$1,989	\$1,428,201
Automobile liability		235,577	10,000	225,577
Other liability		8,253,563	3,485,400	4,768,163
Average		\$3,306,443	\$1,165,796	\$2,140,647
2. 11/30/13 Case Reserves				
General liability		\$558,500	\$168,500	\$390,000
Automobile liability		7,815,800	3,500	7,812,300
Other liability		41,755,600	3,252,500	38,503,100
Average		\$16,709,967	\$1,141,500	\$15,568,467
3. Ratio to Total		Payments	35.3%	64.7%
		Case Reserves	6.8%	93.2%
		Prior	10.0%	90.0%
		Selected	10.0%	90.0%
4. Estimated Outstanding Losses				
Estimated Outstanding Losses as of 11/30/13				
a. General Liability		\$1,689,935	\$168,994	\$1,520,942
b. Automobile Liability		10,445,678	1,044,568	9,401,110
c. Other Liability		84,447,605	8,444,761	76,002,845
Estimated Outstanding Losses as of 11/30/14				
a. General Liability		\$1,252,905	\$125,291	\$1,127,615
b. Automobile Liability		5,516,728	551,673	4,965,055
c. Other Liability		78,338,095	7,833,810	70,504,286
Estimated Outstanding Losses as of 11/30/15				
a. General Liability		\$1,162,977	\$116,298	\$1,046,679
b. Automobile Liability		2,629,341	262,934	2,366,407
c. Other Liability		79,280,729	7,928,073	71,352,656
5. Projected Ultimate Losses				
2013/14				
a. General Liability		\$429,000	\$42,900	\$386,100
b. Automobile Liability		1,448,000	144,800	1,303,200
c. Other Liability		16,628,000	1,662,800	14,965,200
2014/15				
a. General Liability		\$450,000	\$45,000	\$405,000
b. Automobile Liability		1,506,000	150,600	1,355,400
c. Other Liability		17,459,000	1,745,900	15,713,100
2015/16				
a. General Liability		\$473,000	\$47,300	\$425,700
b. Automobile Liability		1,566,000	156,600	1,409,400
c. Other Liability		18,332,000	1,833,200	16,498,800



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 5

Actual and Projected Paid Losses (\$Millions)

	Actual Limited Paid Losses 2009/10	Actual Limited Paid Losses 2010/11	Actual Limited Paid Losses 2011/12	Actual Limited Paid Losses 2012/13	Average Paid Losses 2009/10 to 2012/13	Projected Paid Losses 2013/14	Projected Paid Losses 2014/15	Projected Paid Losses 2015/16
I. Health Care Facilities								
(Ai) WC - Indemnity	\$2.12	\$2.19	\$1.87	\$1.65	\$1.96	\$2.43	\$2.23	\$2.11
(Aii) WC - Medical	0.86	0.72	0.70	0.78	0.77	0.77	0.85	0.93
(A) Workers compensation	\$2.98	\$2.91	\$2.57	\$2.42	\$2.72	\$3.19	\$3.08	\$3.04
(Bi) Cermak	0.45	1.00	0.00	1.00	0.61	0.97	1.26	1.40
(Bii) John H. Stroger	16.31	16.41	3.14	27.39	15.81	23.83	16.80	18.08
(Biii) Oak Forest	0.00	1.35	0.00	0.10	0.36	0.42	0.44	0.41
(Biv) Provident	0.00	0.00	0.60	0.80	0.35	2.27	1.89	1.74
(Bv) Unspecified	0.00	0.00	0.00	0.00	0.00	0.07	0.09	0.12
(B) Medical malpractice	\$16.76	\$18.76	\$3.74	\$29.29	\$17.14	\$27.55	\$20.49	\$21.76
(C) Subtotal	\$19.74	\$21.68	\$6.31	\$31.72	\$19.86	\$30.74	\$23.57	\$24.80
II. General Government								
(Di) WC - Indemnity	9.94	10.91	10.73	10.13	10.43	12.67	12.05	12.41
(Dii) WC - Medical	6.32	7.83	6.84	6.34	6.83	8.20	8.35	8.67
(D) Workers compensation	\$16.26	\$18.74	\$17.57	\$16.47	\$17.26	\$20.88	\$20.40	\$21.07
(E) General liability	0.07	0.09	0.40	1.43	0.50	0.87	0.54	0.47
(F) Automobile liability	0.11	0.23	3.92	0.24	1.12	6.38	4.39	1.51
(G) Other liability	12.56	51.17	13.86	8.25	21.46	22.74	16.52	16.80
(H) Subtotal	\$29.00	\$70.23	\$35.75	\$26.39	\$40.34	\$50.86	\$41.85	\$39.85
Total	\$48.74	\$91.90	\$42.06	\$58.10	\$60.20	\$81.60	\$65.41	\$64.65

Section I, Ai is from Exhibits WC-HC-Indem-12, WC-HC-Indem-13, and WC-HC-Indem-14.

Section I, Aii is from Exhibits WC-HC-Med-12, WC-HC-Med-13, and WC-HC-Med-14.

Section I, Bi is from Exhibits MM-Cermak-12, MM-Cermak-13, and MM-Cermak-14.

Section I, Bii is from Exhibits MM-Stroger-12, MM-Stroger-13, and MM-Stroger-14.

Section I, Biii is from Exhibits MM-Oak Forest-12, MM-Oak Forest-13, and MM-Oak Forest-14.

Section I, Biv is from Exhibits MM-Provident-12, MM-Provident-13, and MM-Provident-14.

Section I, Bv is from Exhibits MM-Unspecified-12, MM-Unspecified-13, and MM-Unspecified-14.

Section II, Ei is from Exhibits WC-Gov-Indem-12, WC-Gov-Indem-13, and WC-Gov-Indem-14.

Section II, Eii is from Exhibits WC-Gov-Med-12, WC-Gov-Med-13, and WC-Gov-Med-14.

Section II, F is from Exhibits GL-12, GL-13, and GL-14.

Section II, G is from Exhibits AL-12, AL-13, and AL-14.

Section II, H is from Exhibits OL-12, OL-13, and OL-14.



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 6

Projected Ultimate Limited Losses (\$Millions)

	Projected Ultimate Limited Losses 2009/10	Projected Ultimate Limited Losses 2010/11	Projected Ultimate Limited Losses 2011/12	Projected Ultimate Limited Losses 2012/13	Average Ultimate Limited Losses 2009/10 to 2012/13	Projected Ultimate Limited Losses 2013/14	Projected Ultimate Limited Losses 2014/15	Projected Ultimate Limited Losses 2015/16
I. Health Care Facilities								
(Ai) WC - Indemnity	\$1.46	\$1.70	\$1.80	\$1.70	\$1.67	\$1.76	\$1.78	\$1.81
(Aii) WC - Medical	0.67	0.90	1.00	1.10	0.92	1.18	1.23	1.28
(A) Workers compensation	\$2.13	\$2.60	\$2.80	\$2.80	\$2.58	\$2.94	\$3.01	\$3.09
(Bi) Cermak	1.75	1.25	2.30	2.00	1.83	2.02	2.16	2.27
(Bii) John H. Stroger	18.50	18.00	42.00	20.00	24.63	19.64	21.25	22.32
(Biii) Oak Forest	0.60	0.50	0.20	0.20	0.38	0.21	0.22	0.24
(Biv) Provident	1.50	1.50	2.00	1.75	1.69	1.74	1.82	1.91
(Bv) Unspecified	0.10	0.15	0.18	0.20	0.16	0.15	0.16	0.17
(B) Medical malpractice	\$22.45	\$21.40	\$46.68	\$24.15	\$28.67	\$23.77	\$25.61	\$26.90
(C) Subtotal	\$24.58	\$24.00	\$49.48	\$26.95	\$31.25	\$26.71	\$28.63	\$29.98
II. General Government								
(Di) WC - Indemnity	12.82	11.54	11.68	11.98	12.01	13.06	13.25	13.45
(Dii) WC - Medical	7.41	6.50	6.60	7.60	7.03	8.69	9.03	9.40
(D) Workers compensation	\$20.23	\$18.04	\$18.28	\$19.58	\$19.03	\$21.74	\$22.29	\$22.85
(E) General liability	0.45	0.28	0.50	0.70	0.48	0.43	0.45	0.47
(F) Automobile liability	7.25	0.85	0.90	1.10	2.53	1.45	1.51	1.57
(G) Other liability	9.50	10.50	17.50	15.50	13.25	16.63	17.46	18.33
(H) Subtotal	\$37.43	\$29.66	\$37.18	\$36.88	\$35.29	\$40.25	\$41.70	\$43.22
Total	\$62.01	\$53.66	\$86.66	\$63.83	\$66.54	\$66.95	\$70.33	\$73.20

Section I, Ai is from Exhibits WC-HC-Indem-9 and WC-HC-Indem-10.

Section I, Aii is from Exhibits WC-HC-Med-9 and WC-HC-Med-10.

Section I, Bi is from Exhibits MM-Cermak-9 and MM-Cermak-10.

Section I, Bii is from Exhibits MM-Stroger-9 and MM-Stroger-10.

Section I, Biii is from Exhibits MM-Oak Forest-9 and MM-Oak Forest-10.

Section I, Biv is from Exhibits MM-Provident-9 and MM-Provident-10.

Section I, Bv is from Exhibits MM-Unspecified-9 and MM-Unspecified-10.

Section II, Ei is from Exhibits WC-Gov-Indem-9 and WC-Gov-Indem-10.

Section II, Eii is from Exhibits WC-Gov-Med-9 and WC-Gov-Med-10.

Section II, F is from Exhibits GL-9 and GL-10.

Section II, G is from Exhibits AL-9 and AL-10.

Section II, H is from Exhibits OL-9 and OL-10.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE AND LIABILITY

Summary Exhibit 7

Calculation of Claims-Related Expense Reserves

	Fiscal Year (1)	Medical Malpractice and Liability (2)	Medical Malpractice (3)	Liability (4)
1. Expense Payments				
	2000/01	\$2,388,809	\$238,881	\$2,149,928
	2001/02	2,400,000	240,000	2,160,000
	2002/03	3,300,699	330,070	2,970,629
	2003/04	5,625,222	562,522	5,062,700
	2004/05	5,813,337	581,334	5,232,004
	2005/06	5,333,045	533,305	4,799,741
	2006/07	7,372,403	737,240	6,635,162
	2007/08	9,439,841	943,984	8,495,856
	2008/09	10,508,333	1,050,833	9,457,500
	2009/10	10,557,734	1,055,773	9,501,961
	2010/11	8,848,598	884,860	7,963,739
	2011/12	7,002,846	700,285	6,302,562
	2012/13	9,003,473	900,347	8,103,126
	Average	\$6,738,026	\$673,803	\$6,064,224
2. Average FY 2001-2013 Loss Payments		\$38,278,551	\$24,102,081	\$14,176,470
3. Ratio of Expense Payments to Loss Payments (Section 1 / Section 2)		Actual	2.80%	42.78%
		Prior	2.50%	40.00%
		Selected	2.50%	40.00%
4. Case Reserves as of 11/30/13		\$118,027,900	\$67,898,000	\$50,129,900
5. IBNR Reserves as of 11/30/13		111,492,868	65,039,551	46,453,317
6. Estimated Undiscounted Expense Reserves as of 11/30/13		31,082,021	2,474,714	28,607,307
7. Discount Factor		0.916	0.898	0.918
8. Estimated Discounted Expense Reserves as of 11/30/13		28,472,014	2,221,254	26,250,760
9. Estimated Outstanding Losses as of 11/30/14		214,260,514	129,152,786	85,107,728
9a. Estimated Case Reserves as of 11/30/14		110,138,667	65,964,927	44,173,740
9b. Estimated IBNR Reserves as of 11/30/14		104,121,847	63,187,859	40,933,988
10. Estimated Undiscounted Expense Reserves as of 11/30/14		27,612,601	2,404,258	25,208,343
11. Estimated Discounted Expense Reserves as of 11/30/14		25,289,803	2,158,014	23,131,788
12. Estimated Outstanding Losses as of 11/30/15		217,353,542	134,280,495	83,073,047
12a. Estimated Case Reserves as of 11/30/15		111,701,583	68,583,910	43,117,673
12b. Estimated IBNR Reserves as of 11/30/15		105,651,959	65,696,585	39,955,374
13. Estimated Undiscounted Expense Reserves as of 11/30/15		27,105,398	2,499,713	24,605,684
14. Estimated Discounted Expense Reserves as of 11/30/15		24,822,467	2,243,693	22,578,774

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

Summary Exhibit 8

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/12 (5)-(4) (6)	Estimated Outstanding Losses 11/30/12 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/12 (7)X(8) (9)
to 1993/94	\$160,483,585	\$5,000,000	\$165,483,585	\$165,983,585	\$500,000	\$5,500,000	1.00	\$5,500,000
1994/95	14,699,500	0	14,699,500	14,699,500	0	0	1.00	0
1995/96	25,279,041	0	25,279,041	25,279,041	0	0	1.00	0
1996/97	15,627,700	0	15,627,700	15,627,700	0	0	1.00	0
1997/98	42,341,900	0	42,341,900	42,341,900	0	0	1.00	0
1998/99	11,175,000	3,000,000	14,175,000	14,475,000	300,000	3,300,000	1.00	3,300,000
1999/00	37,925,000	0	37,925,000	37,925,000	0	0	1.00	0
2000/01	11,706,000	0	11,706,000	11,706,000	0	0	1.00	0
2001/02	25,910,540	0	25,910,540	25,910,540	0	0	1.00	0
2002/03	7,165,500	0	7,165,500	7,165,500	0	0	0.98	0
2003/04	40,021,000	0	40,021,000	40,021,000	0	0	0.97	0
2004/05	20,614,850	1,000,000	21,614,850	21,758,000	143,150	1,143,150	0.96	1,094,000
2005/06	12,154,320	4,070,000	16,224,320	16,849,320	625,000	4,695,000	0.96	4,494,890
2006/07	4,766,100	730,000	5,496,100	9,350,000	3,853,900	4,583,900	0.94	4,329,857
2007/08	8,427,000	3,800,000	12,227,000	15,600,000	3,373,000	7,173,000	0.93	6,669,785
2008/09	3,155,000	6,450,000	9,605,000	17,440,000	7,835,000	14,285,000	0.93	13,299,524
2009/10	2,317,500	14,150,000	16,467,500	22,450,000	5,982,500	20,132,500	0.92	18,423,479
2010/11	0	8,610,000	8,610,000	21,400,000	12,790,000	21,400,000	0.89	19,099,799
2011/12	20,099,999	14,153,000	34,252,999	46,675,000	12,422,001	26,575,001	0.86	22,965,961
2012/13	0	6,935,000	6,935,000	24,150,000	17,215,000	24,150,000	0.83	20,144,819
Total	\$463,869,535	\$67,898,000	\$531,767,535	\$596,807,086	\$65,039,551	\$132,937,551		\$119,322,114

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					
1995/96	\$10,993,178	\$2,423,315	\$17,479,600	\$750,000	\$31,646,093
1996/97	8,868,321	3,072,412	6,189,500	0	18,130,233
1997/98	9,055,271	2,956,966	23,423,000	0	35,435,237
1998/99	9,294,766	3,339,344	19,898,900	15,772,220	48,305,230
1999/00	9,777,906	3,779,701	36,918,877	11,635,555	62,112,039
2000/01	10,377,014	3,842,381	30,313,000	17,894,722	62,427,117
2001/02	11,711,329	1,231,819	21,071,700	2,975,000	36,989,848
2002/03	11,743,398	2,184,184	28,420,541	5,200,000	47,548,123
2003/04	14,846,640	3,467,845	17,786,500	625,000	36,725,985
2004/05	16,136,301	2,754,958	13,779,500	17,750,000	50,420,759
2005/06	16,824,867	2,573,671	16,605,040	29,567,543	65,571,121
2006/07	16,278,694	7,784,841	24,334,820	16,760,000	65,158,355
2007/08	19,695,589	9,983,268	22,141,450	29,450,250	81,270,557
2008/09	24,349,162	8,530,865	16,469,000	0	49,349,027
2009/10	19,238,537	12,743,402	16,758,000	0	48,739,939
2010/11	21,648,616	6,855,702	18,765,000	44,634,001	91,903,319
2011/12	20,142,760	18,175,329	3,740,000	0	42,058,088
2012/13	18,890,070	9,919,330	9,292,499	20,000,000	58,101,899
II. Estimated Future Payments					
2013/14	24,067,287	29,980,490	27,552,765		81,600,542
2014/15	23,477,387	21,449,681	20,486,291		65,413,359
2015/16	24,107,297	18,780,578	21,760,209		64,648,084

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

Section I, (3) excludes liability claims with actual or expected value greater than \$500,000.

Section I, (5) for 2004/05 through 2006/07 is the actual payments on large medical malpractice claims with a total ultimate value of \$51 million, plus payments over \$500,000 on liability claims.

Section II, (3) and (4) exclude claims included in Section II, (5).

Section III, (5) assumes open large claims will all be paid in 2010/11. Large claims are defined as at least \$1 million for liability and \$5 million for medical malpractice.



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 10

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 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9)	Estimated Outstanding Losses 11/30/13 (7) - (10)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Percentage Change in Ultimate (7) / (6) - 1 (9)	Limited Paid Losses 11/30/12 (10)	Limited Paid Losses 11/30/13 (11)	Limited Case Reserves 11/30/12 (2) - (10) (12)	Limited Case Reserves 11/30/13 (3) - (11) (13)	Estimated IBNR 11/30/12 (4)-(12) (14)	Estimated IBNR 11/30/13 (5)-(13) (15)
A. Health Care Facilities														
(Ai) WC - Indemnity	\$60,608	\$62,385	\$5,103	\$6,334	\$65,745	\$66,924	\$1,179	1.8%	\$58,942	\$60,590	\$1,666	\$1,795	\$3,437	\$4,538
(Aii) WC - Medical	24,334	25,240	2,391	2,862	27,144	27,076	(68)	-0.3%	23,438	24,214	895	1,026	1,495	1,836
(Bi) Cermak	21,923	22,093	9,872	8,509	29,774	27,352	(2,422)	-8.1%	17,843	18,843	4,081	3,251	5,791	5,258
(Bii) John H. Stroger	384,688	409,116	124,553	111,714	465,926	459,502	(6,424)	-1.4%	320,396	347,788	64,293	61,328	60,261	50,386
(Biii) Oak Forest	26,776	26,975	2,450	2,200	29,566	29,025	(541)	-1.8%	26,725	26,825	51	150	2,399	2,050
(Biv) Provident	27,920	28,220	11,156	9,800	37,247	34,940	(2,307)	-6.2%	24,340	25,140	3,580	3,080	7,576	6,720
(Bv) Unspecified	45,379	45,364	666	715	46,185	45,989	(196)	-0.4%	45,274	45,274	105	90	561	625
B. General Government														
(Ei) WC - Indemnity	160,931	172,314	30,164	40,566	195,417	204,802	9,385	4.8%	154,107	164,236	6,824	8,078	23,340	32,488
(Eii) WC - Medical	98,169	104,920	15,320	19,018	118,390	120,176	1,787	1.5%	94,821	101,159	3,348	3,762	11,972	15,256
(F) General liability	10,437	9,774	4,024	1,690	12,289	10,906	(1,383)	-11.3%	7,786	9,216	2,651	559	1,373	1,131
(G) Automobile liability	25,442	29,883	5,517	10,446	28,517	32,513	3,995	14.0%	21,831	22,067	3,611	7,816	1,906	2,630
(H) Other liability	204,778	212,952	83,004	84,448	261,634	255,644	(5,989)	-2.3%	162,943	171,197	41,835	41,756	41,169	42,692
Total	\$1,091,385	\$1,149,237	\$294,219	\$298,300	\$1,317,833	\$1,314,848	(\$2,985)	-0.2%	\$958,446	\$1,016,548	\$132,939	\$132,689	\$161,280	\$165,611



COOK COUNTY, ILLINOIS
SUMMARY EXHIBITS

Summary Exhibit 11

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 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9)	Estimated Outstanding Losses 11/30/13 (7) - (10)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Percentage Change in Ultimate (7) / (6) - 1 (9)	Limited Paid Losses 11/30/12 (10)	Limited Paid Losses 11/30/13 (11)	Limited Case Reserves 11/30/12 (2) - (10) (12)	Limited Case Reserves 11/30/13 (3) - (11) (13)	Estimated IBNR 11/30/12 (4)-(12) (14)	Estimated IBNR 11/30/13 (5)-(13) (15)
to 1993/94	\$296,578	\$298,924	\$4,874	\$7,993	\$297,021	\$300,457	\$3,436	1.2%	\$292,147	\$292,464	\$4,431	\$6,460	\$444	\$1,534
1994/95	41,835	41,932	680	826	41,860	42,108	248	0.6%	41,179	41,282	656	651	24	175
1995/96	39,771	39,830	375	452	39,806	39,940	134	0.3%	39,431	39,488	340	342	35	110
1996/97	27,427	27,427	115	149	27,438	27,517	79	0.3%	27,323	27,369	104	59	11	90
1997/98	53,524	53,538	139	120	53,527	53,570	43	0.1%	53,389	53,450	136	88	3	32
1998/99	29,609	29,675	3,735	3,789	29,949	30,115	166	0.6%	26,214	26,326	3,394	3,349	340	440
1999/00	55,552	54,477	2,495	313	55,759	54,530	(1,229)	-2.2%	53,264	54,217	2,288	260	207	53
2000/01	43,488	43,582	218	348	43,508	43,727	218	0.5%	43,290	43,378	198	204	20	144
2001/02	55,178	55,473	568	893	55,214	55,695	481	0.9%	54,647	54,802	531	671	36	222
2002/03	29,918	29,974	373	597	29,967	30,381	415	1.4%	29,593	29,784	325	190	48	407
2003/04	120,772	121,166	853	1,464	120,830	121,572	742	0.6%	119,977	120,108	795	1,058	57	406
2004/05	60,285	67,523	11,562	17,896	62,095	68,756	6,661	10.7%	50,533	50,861	9,751	16,663	1,810	1,233
2005/06	36,260	36,589	11,389	9,104	39,317	38,814	(504)	-1.3%	27,929	29,709	8,331	6,880	3,058	2,225
2006/07	32,873	33,289	23,889	9,680	46,743	39,505	(7,239)	-15.5%	22,854	29,825	10,020	3,464	13,870	6,216
2007/08	47,239	47,781	25,083	21,402	55,641	56,610	969	1.7%	30,558	35,208	16,681	12,573	8,402	8,829
2008/09	30,091	31,052	32,930	23,015	51,956	45,392	(6,564)	-12.6%	19,026	22,377	11,065	8,675	21,865	14,340
2009/10	39,175	43,359	45,962	42,373	60,212	62,011	1,799	3.0%	14,250	19,638	24,925	23,721	21,037	18,652
2010/11	16,859	25,830	47,880	40,837	56,992	53,663	(3,329)	-5.8%	9,112	12,826	7,747	13,004	40,133	27,833
2011/12	34,949	52,343	81,099	56,582	84,829	86,658	1,829	2.2%	3,730	30,076	31,219	22,267	49,880	34,315
2012/13		15,472		60,466	65,168	63,827	(1,341)	-2.1%		3,361		12,111		48,355
Total	\$1,091,385	\$1,149,237	\$294,219	\$298,300	\$1,317,833	\$1,314,848	(\$2,985)	-0.2%	\$958,446	\$1,016,548	\$132,939	\$132,689	\$161,280	\$165,611
Total (ex FY13)	\$1,091,385	\$1,133,766	\$294,219	\$237,834	\$1,252,665	\$1,251,021	(\$1,644)	-0.1%	\$958,446	\$1,013,187	\$132,939	\$120,579	\$161,280	\$117,255



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

Summary Exhibit 12

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$30,781	\$30,974	\$760	\$909	\$30,850	\$31,194	\$344	\$30,090	\$30,285	\$691	\$689	\$69	\$220
1994/95	3,174	3,179	67	98	3,180	3,245	65	3,113	3,147	60	31	6	66
1995/96	2,284	2,257	32	0	2,287	2,257	(30)	2,255	2,257	29	0	3	0
1996/97	3,451	3,451	99	120	3,460	3,526	66	3,361	3,406	90	45	9	75
1997/98	1,289	1,289	0	0	1,289	1,289	0	1,289	1,289	0	0	0	0
1998/99	2,097	2,163	288	265	2,123	2,187	64	1,835	1,922	262	241	26	24
1999/00	1,496	1,496	0	0	1,496	1,496	0	1,496	1,496	0	0	0	0
2000/01	1,270	1,279	0	0	1,270	1,279	9	1,270	1,279	0	0	0	0
2001/02	939	941	0	0	939	941	2	939	941	0	0	0	0
2002/03	2,593	2,593	51	160	2,598	2,725	127	2,547	2,565	46	28	5	132
2003/04	1,575	1,580	0	123	1,575	1,703	128	1,575	1,580	0	0	0	123
2004/05	1,778	1,781	183	172	1,860	1,896	36	1,677	1,724	101	56	82	115
2005/06	1,243	1,248	0	0	1,243	1,248	5	1,243	1,248	0	0	0	0
2006/07	1,710	2,028	270	320	1,971	2,176	205	1,701	1,856	9	172	261	148
2007/08	1,558	1,555	349	0	1,890	1,555	(335)	1,541	1,555	17	0	332	0
2008/09	1,008	1,127	343	451	1,315	1,546	231	972	1,095	36	32	307	419
2009/10	776	854	645	643	1,400	1,462	62	755	819	21	34	624	608
2010/11	827	1,101	853	763	1,600	1,700	100	747	937	80	164	773	599
2011/12	762	958	1,162	938	1,700	1,800	100	538	862	224	96	938	842
2012/13		535		1,373	1,700	1,700	0		327		207		1,165
Total	\$60,608	\$62,385	\$5,103	\$6,334	\$65,745	\$66,924	\$1,179	\$58,942	\$60,590	\$1,666	\$1,795	\$3,437	\$4,538
Total (ex FY13)	\$60,608	\$61,850	\$5,103	\$4,961	\$64,045	\$65,224	\$1,179	\$58,942	\$60,262	\$1,666	\$1,588	\$3,437	\$3,373



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

Summary Exhibit 13

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$10,125	\$10,173	\$346	\$374	\$10,157	\$10,207	\$50	\$9,811	\$9,833	\$315	\$340	\$32	\$34
1994/95	1,360	1,360	97	97	1,368	1,368	0	1,271	1,271	88	88	9	9
1995/96	638	632	7	0	638	632	(7)	632	632	6	0	1	0
1996/97	787	787	16	29	788	801	13	772	772	14	14	1	14
1997/98	423	423	0	0	423	423	0	423	423	0	0	0	0
1998/99	517	517	43	43	521	521	0	478	478	39	39	4	4
1999/00	858	858	0	0	858	858	0	858	858	0	0	0	0
2000/01	765	765	0	0	765	765	0	765	765	0	0	0	0
2001/02	686	686	0	0	686	686	0	686	686	0	0	0	0
2002/03	957	959	6	63	958	1,017	59	952	954	5	5	1	58
2003/04	1,051	1,075	5	0	1,051	1,075	24	1,046	1,075	5	0	0	0
2004/05	1,388	1,388	92	113	1,441	1,472	31	1,349	1,359	39	29	53	84
2005/06	830	832	53	0	883	832	(51)	830	832	0	0	53	0
2006/07	969	977	0	0	969	977	7	969	977	0	0	0	0
2007/08	796	824	71	101	866	925	59	795	824	1	0	70	101
2008/09	682	715	91	145	755	845	90	664	700	18	15	73	130
2009/10	489	474	293	209	700	671	(29)	407	462	82	12	211	197
2010/11	663	749	324	202	900	900	0	576	698	86	51	237	151
2011/12	350	676	948	472	1,100	1,000	(100)	152	528	198	148	750	324
2012/13		371		1,013	1,315	1,100	(215)		87		285		729
Total	\$24,334	\$25,240	\$2,391	\$2,862	\$27,144	\$27,076	(\$68)	\$23,438	\$24,214	\$895	\$1,026	\$1,495	\$1,836
Total (ex FY13)	\$24,334	\$24,869	\$2,391	\$1,849	\$25,829	\$25,976	\$147	\$23,438	\$24,127	\$895	\$742	\$1,495	\$1,107



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Summary Exhibit 14

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$259	\$259	\$0	\$0	\$259	\$259	\$0	\$259	\$259	\$0	\$0	\$0	\$0
1994/95	0	0	0	0	0	0	0	0	0	0	0	0	0
1995/96	8,000	8,000	0	0	8,000	8,000	0	8,000	8,000	0	0	0	0
1996/97	0	0	0	0	0	0	0	0	0	0	0	0	0
1997/98	503	503	0	0	503	503	0	503	503	0	0	0	0
1998/99	50	50	0	0	50	50	0	50	50	0	0	0	0
1999/00	2,250	2,250	0	0	2,250	2,250	0	2,250	2,250	0	0	0	0
2000/01	950	950	0	0	950	950	0	950	950	0	0	0	0
2001/02	1,213	1,213	0	0	1,213	1,213	0	1,213	1,213	0	0	0	0
2002/03	22	22	0	0	22	22	0	22	22	0	0	0	0
2003/04	3,409	3,409	0	0	3,409	3,409	0	3,409	3,409	0	0	0	0
2004/05	18	18	0	0	18	18	0	18	18	0	0	0	0
2005/06	1,028	1,028	1,152	0	1,180	1,028	(152)	28	1,028	1,000	0	152	0
2006/07	246	246	265	284	281	300	19	16	16	230	230	35	54
2007/08	1,125	1,125	125	75	1,250	1,200	(50)	1,125	1,125	0	0	125	75
2008/09	0	0	1,500	850	1,500	850	(650)	0	0	0	0	1,500	850
2009/10	2,800	1,200	3,080	1,750	3,080	1,750	(1,330)	0	0	2,800	1,200	280	550
2010/11	50	50	1,750	1,250	1,750	1,250	(500)	0	0	50	50	1,700	1,200
2011/12	1	1,501	2,000	2,300	2,000	2,300	300	0	0	1	1,501	2,000	800
2012/13		270		2,000	2,059	2,000	(59)		0		270		1,730
Total	\$21,923	\$22,093	\$9,872	\$8,509	\$29,774	\$27,352	(\$2,422)	\$17,843	\$18,843	\$4,081	\$3,251	\$5,791	\$5,258
Total (ex FY13)	\$21,923	\$21,823	\$9,872	\$6,509	\$27,715	\$25,352	(\$2,363)	\$17,843	\$18,843	\$4,081	\$2,981	\$5,791	\$3,528



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

Summary Exhibit 15

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$123,302	\$125,302	\$3,300	\$5,500	\$123,602	\$125,802	\$2,200	\$120,302	\$120,302	\$3,000	\$5,000	\$300	\$500
1994/95	14,328	14,328	0	0	14,328	14,328	0	14,328	14,328	0	0	0	0
1995/96	16,727	16,727	0	0	16,727	16,727	0	16,727	16,727	0	0	0	0
1996/97	11,237	11,237	0	0	11,237	11,237	0	11,237	11,237	0	0	0	0
1997/98	30,084	30,084	0	0	30,084	30,084	0	30,084	30,084	0	0	0	0
1998/99	12,880	12,880	3,300	3,300	13,180	13,180	0	9,880	9,880	3,000	3,000	300	300
1999/00	33,190	33,190	0	0	33,190	33,190	0	33,190	33,190	0	0	0	0
2000/01	10,411	10,411	0	0	10,411	10,411	0	10,411	10,411	0	0	0	0
2001/02	23,648	23,648	0	0	23,648	23,648	0	23,648	23,648	0	0	0	0
2002/03	4,269	4,269	0	0	4,269	4,269	0	4,269	4,269	0	0	0	0
2003/04	8,378	8,378	0	0	8,378	8,378	0	8,378	8,378	0	0	0	0
2004/05	19,607	19,607	1,215	1,143	19,822	19,750	(72)	18,607	18,607	1,000	1,000	215	143
2005/06	10,830	12,575	1,195	2,495	11,075	13,000	1,925	9,880	10,505	950	2,070	245	425
2006/07	4,900	4,750	13,000	3,750	15,000	8,500	(6,500)	2,000	4,750	2,900	0	10,100	3,750
2007/08	11,502	10,802	10,398	6,498	15,000	13,500	(1,500)	4,602	7,002	6,900	3,800	3,498	2,698
2008/09	9,955	9,255	14,645	12,145	17,500	15,000	(2,500)	2,855	2,855	7,100	6,400	7,545	5,745
2009/10	11,800	14,368	17,500	16,983	17,500	18,500	1,000	0	1,518	11,800	12,850	5,700	4,133
2010/11	3,850	8,480	20,000	18,000	20,000	18,000	(2,000)	0	0	3,850	8,480	16,150	9,520
2011/12	23,793	32,172	40,000	21,900	40,000	42,000	2,000	0	20,100	23,793	12,073	16,208	9,828
2012/13		6,655		20,000	20,977	20,000	(977)		0		6,655		13,345
Total	\$384,688	\$409,116	\$124,553	\$111,714	\$465,926	\$459,502	(\$6,424)	\$320,396	\$347,788	\$64,293	\$61,328	\$60,261	\$50,386
Total (ex FY13)	\$384,688	\$402,461	\$124,553	\$91,714	\$444,949	\$439,502	(\$5,447)	\$320,396	\$347,788	\$64,293	\$54,673	\$60,261	\$37,041



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Summary Exhibit 16

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$2,775	\$2,775	\$0	\$0	\$2,775	\$2,775	\$0	\$2,775	\$2,775	\$0	\$0	\$0	\$0
1994/95	3	3	0	0	3	3	0	3	3	0	0	0	0
1995/96	2	2	0	0	2	2	0	2	2	0	0	0	0
1996/97	0	0	0	0	0	0	0	0	0	0	0	0	0
1997/98	0	0	0	0	0	0	0	0	0	0	0	0	0
1998/99	0	0	0	0	0	0	0	0	0	0	0	0	0
1999/00	0	0	0	0	0	0	0	0	0	0	0	0	0
2000/01	0	0	0	0	0	0	0	0	0	0	0	0	0
2001/02	0	100	0	0	0	100	100	0	100	0	0	0	0
2002/03	1,050	1,050	0	0	1,050	1,050	0	1,050	1,050	0	0	0	0
2003/04	20,375	20,375	0	0	20,375	20,375	0	20,375	20,375	0	0	0	0
2004/05	1,900	1,900	0	0	1,900	1,900	0	1,900	1,900	0	0	0	0
2005/06	620	620	0	0	620	620	0	620	620	0	0	0	0
2006/07	0	0	0	0	0	0	0	0	0	0	0	0	0
2007/08	0	0	250	200	250	200	(50)	0	0	0	0	250	200
2008/09	50	50	800	500	800	500	(300)	0	0	50	50	750	450
2009/10	0	100	600	600	600	600	0	0	0	0	100	600	500
2010/11	0	0	600	500	600	500	(100)	0	0	0	0	600	500
2011/12	1	0	200	200	200	200	0	0	0	1	0	199	200
2012/13		0		200	391	200	(191)		0		0		200
Total	\$26,776	\$26,975	\$2,450	\$2,200	\$29,566	\$29,025	(\$541)	\$26,725	\$26,825	\$51	\$150	\$2,399	\$2,050
Total (ex FY13)	\$26,776	\$26,975	\$2,450	\$2,000	\$29,175	\$28,825	(\$350)	\$26,725	\$26,825	\$51	\$150	\$2,399	\$1,850



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Summary Exhibit 17

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$1,925	\$1,925	\$0	\$0	\$1,925	\$1,925	\$0	\$1,925	\$1,925	\$0	\$0	\$0	\$0
1994/95	369	369	0	0	369	369	0	369	369	0	0	0	0
1995/96	550	550	0	0	550	550	0	550	550	0	0	0	0
1996/97	4,391	4,391	0	0	4,391	4,391	0	4,391	4,391	0	0	0	0
1997/98	3,255	3,255	0	0	3,255	3,255	0	3,255	3,255	0	0	0	0
1998/99	1,245	1,245	0	0	1,245	1,245	0	1,245	1,245	0	0	0	0
1999/00	2,485	2,485	0	0	2,485	2,485	0	2,485	2,485	0	0	0	0
2000/01	345	345	0	0	345	345	0	345	345	0	0	0	0
2001/02	200	200	0	0	200	200	0	200	200	0	0	0	0
2002/03	1,025	1,025	0	0	1,025	1,025	0	1,025	1,025	0	0	0	0
2003/04	7,860	7,860	0	0	7,860	7,860	0	7,860	7,860	0	0	0	0
2004/05	90	90	0	0	90	90	0	90	90	0	0	0	0
2005/06	2,000	2,000	2,200	2,200	2,200	2,200	0	0	0	2,000	2,000	200	200
2006/07	500	500	556	550	556	550	(6)	0	0	500	500	56	50
2007/08	300	300	700	400	1,000	700	(300)	300	300	0	0	700	400
2008/09	300	300	1,200	700	1,500	1,000	(500)	300	300	0	0	1,200	700
2009/10	950	800	2,000	700	2,000	1,500	(500)	0	800	950	0	1,050	700
2010/11	0	0	2,000	1,500	2,000	1,500	(500)	0	0	0	0	2,000	1,500
2011/12	130	580	2,500	2,000	2,500	2,000	(500)	0	0	130	580	2,370	1,420
2012/13		0		1,750	1,751	1,750	(1)		0		0		1,750
Total	\$27,920	\$28,220	\$11,156	\$9,800	\$37,247	\$34,940	(\$2,307)	\$24,340	\$25,140	\$3,580	\$3,080	\$7,576	\$6,720
Total (ex FY13)	\$27,920	\$28,220	\$11,156	\$8,050	\$35,496	\$33,190	(\$2,306)	\$24,340	\$25,140	\$3,580	\$3,080	\$7,576	\$4,970



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Summary Exhibit 18

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$35,223	\$35,223	\$0	\$0	\$35,223	\$35,223	\$0	\$35,223	\$35,223	\$0	\$0	\$0	\$0
1994/95	0	0	0	0	0	0	0	0	0	0	0	0	0
1995/96	0	0	0	0	0	0	0	0	0	0	0	0	0
1996/97	0	0	0	0	0	0	0	0	0	0	0	0	0
1997/98	8,500	8,500	0	0	8,500	8,500	0	8,500	8,500	0	0	0	0
1998/99	0	0	0	0	0	0	0	0	0	0	0	0	0
1999/00	0	0	0	0	0	0	0	0	0	0	0	0	0
2000/01	0	0	0	0	0	0	0	0	0	0	0	0	0
2001/02	750	750	0	0	750	750	0	750	750	0	0	0	0
2002/03	800	800	0	0	800	800	0	800	800	0	0	0	0
2003/04	0	0	0	0	0	0	0	0	0	0	0	0	0
2004/05	0	0	0	0	0	0	0	0	0	0	0	0	0
2005/06	1	1	0	0	1	1	0	1	1	0	0	0	0
2006/07	0	0	0	0	0	0	0	0	0	0	0	0	0
2007/08	0	0	0	0	0	0	0	0	0	0	0	0	0
2008/09	0	0	114	90	114	90	(24)	0	0	0	0	114	90
2009/10	0	0	139	100	139	100	(39)	0	0	0	0	139	100
2010/11	5	80	164	150	164	150	(14)	0	0	5	80	159	70
2011/12	100	0	249	175	249	175	(74)	0	0	100	0	149	175
2012/13		10		200	245	200	(45)		0		10		190
Total	\$45,379	\$45,364	\$666	\$715	\$46,185	\$45,989	(\$196)	\$45,274	\$45,274	\$105	\$90	\$561	\$625
Total (ex FY13)	\$45,379	\$45,354	\$666	\$515	\$45,940	\$45,789	(\$151)	\$45,274	\$45,274	\$105	\$80	\$561	\$435



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

Summary Exhibit 19

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$44,331	\$44,436	\$374	\$661	\$44,365	\$44,752	\$387	\$43,991	\$44,091	\$340	\$345	\$34	\$316
1994/95	6,977	7,139	419	565	6,977	7,191	214	6,558	6,626	419	513	0	52
1995/96	5,520	5,611	335	375	5,550	5,645	95	5,215	5,271	304	341	30	34
1996/97	3,843	3,843	0	0	3,843	3,843	0	3,843	3,843	0	0	0	0
1997/98	3,644	3,658	104	66	3,644	3,664	20	3,540	3,599	104	60	0	6
1998/99	4,730	4,730	102	94	4,740	4,756	16	4,638	4,662	92	68	10	26
1999/00	6,255	6,255	223	215	6,255	6,274	20	6,031	6,059	223	195	0	20
2000/01	7,182	7,207	120	180	7,193	7,328	135	7,073	7,148	109	59	11	121
2001/02	7,853	7,879	342	329	7,869	7,909	40	7,527	7,580	326	299	16	30
2002/03	7,747	7,785	69	258	7,753	7,991	238	7,684	7,733	62	52	6	206
2003/04	7,896	7,898	698	635	7,936	7,956	20	7,237	7,321	659	577	40	58
2004/05	7,355	7,605	494	432	7,500	7,699	199	7,006	7,267	349	338	145	94
2005/06	7,756	7,876	827	786	8,417	8,517	100	7,590	7,731	166	146	661	641
2006/07	8,953	9,526	1,338	1,435	9,967	10,579	612	8,629	9,144	324	382	1,014	1,053
2007/08	8,008	8,888	1,908	2,213	9,397	10,693	1,296	7,489	8,480	519	408	1,389	1,805
2008/09	7,884	9,184	3,120	3,222	10,457	11,983	1,526	7,337	8,761	546	423	2,573	2,799
2009/10	7,307	8,308	4,760	4,837	11,429	12,822	1,393	6,669	7,985	638	323	4,122	4,514
2010/11	4,774	5,669	6,349	6,112	10,518	11,538	1,020	4,169	5,426	605	243	5,744	5,869
2011/12	2,916	5,948	8,579	7,708	10,460	11,683	1,223	1,881	3,975	1,035	1,973	7,544	5,735
2012/13		2,867		10,443	11,146	11,977	831		1,534		1,333		9,110
Total	\$160,931	\$172,314	\$30,164	\$40,566	\$195,417	\$204,802	\$9,385	\$154,107	\$164,236	\$6,824	\$8,078	\$23,340	\$32,488
Total (ex FY13)	\$160,931	\$169,448	\$30,164	\$30,123	\$184,271	\$192,825	\$8,554	\$154,107	\$162,702	\$6,824	\$6,746	\$23,340	\$23,377



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

Summary Exhibit 20

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$17,983	\$17,984	\$83	\$538	\$17,991	\$18,446	\$455	\$17,908	\$17,908	\$75	\$75	\$8	\$462
1994/95	2,316	2,245	98	67	2,325	2,294	(31)	2,227	2,227	89	18	9	49
1995/96	2,574	2,574	1	77	2,574	2,650	76	2,573	2,573	1	1	0	76
1996/97	1,731	1,731	0	0	1,731	1,731	0	1,731	1,731	0	0	0	0
1997/98	1,776	1,776	34	54	1,779	1,802	23	1,745	1,748	31	28	3	26
1998/99	2,747	2,747	2	88	2,748	2,834	86	2,746	2,746	1	1	1	87
1999/00	3,035	3,035	72	98	3,041	3,068	27	2,970	2,970	65	65	7	33
2000/01	4,834	4,898	92	167	4,842	4,921	79	4,750	4,754	83	143	8	23
2001/02	4,657	4,575	116	179	4,668	4,732	64	4,552	4,553	105	22	11	157
2002/03	4,629	4,646	2	0	4,630	4,646	16	4,628	4,646	2	0	1	0
2003/04	4,231	4,168	112	201	4,241	4,328	87	4,129	4,127	102	41	10	160
2004/05	12,236	12,236	585	719	12,733	12,876	143	12,148	12,157	88	79	497	640
2005/06	4,217	4,225	252	316	4,455	4,526	71	4,203	4,210	15	14	238	301
2006/07	5,243	5,345	431	509	5,578	5,780	202	5,147	5,271	95	74	335	435
2007/08	8,872	9,872	980	1,206	9,616	10,934	1,318	8,636	9,728	236	145	744	1,062
2008/09	5,657	5,705	993	989	6,288	6,503	215	5,295	5,514	362	190	631	798
2009/10	5,492	6,141	1,885	1,563	7,100	7,406	306	5,215	5,843	278	297	1,608	1,265
2010/11	3,686	4,373	3,483	2,325	6,700	6,500	(200)	3,217	4,175	469	198	3,014	2,127
2011/12	2,252	3,840	6,100	3,367	7,100	6,600	(500)	1,000	3,233	1,252	608	4,848	2,760
2012/13		2,805		6,556	8,249	7,600	(649)		1,044		1,761		4,795
Total	\$98,169	\$104,920	\$15,320	\$19,018	\$118,390	\$120,176	\$1,787	\$94,821	\$101,159	\$3,348	\$3,762	\$11,972	\$15,256
Total (ex FY13)	\$98,169	\$102,116	\$15,320	\$12,462	\$110,141	\$112,576	\$2,436	\$94,821	\$100,115	\$3,348	\$2,001	\$11,972	\$10,461



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Summary Exhibit 21

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$2,298	\$2,298	\$0	\$0	\$2,298	\$2,298	\$0	\$2,298	\$2,298	\$0	\$0	\$0	\$0
1994/95	477	477	0	0	477	477	0	477	477	0	0	0	0
1995/96	120	120	0	0	120	120	0	120	120	0	0	0	0
1996/97	311	311	0	0	311	311	0	311	311	0	0	0	0
1997/98	1,096	1,096	0	0	1,096	1,096	0	1,096	1,096	0	0	0	0
1998/99	256	256	0	0	256	256	0	256	256	0	0	0	0
1999/00	2,711	1,636	2,200	0	2,911	1,636	(1,275)	711	1,636	2,000	0	200	0
2000/01	693	693	0	0	693	693	0	693	693	0	0	0	0
2001/02	243	243	0	0	243	243	0	243	243	0	0	0	0
2002/03	429	429	0	0	429	429	0	429	429	0	0	0	0
2003/04	35	35	0	0	35	35	0	35	35	0	0	0	0
2004/05	222	222	0	0	222	222	0	222	222	0	0	0	0
2005/06	170	170	0	0	170	170	0	170	170	0	0	0	0
2006/07	118	118	0	0	118	118	0	118	118	0	0	0	0
2007/08	453	512	61	123	459	525	66	398	402	55	110	6	13
2008/09	47	152	453	198	500	350	(150)	47	152	0	0	453	198
2009/10	332	310	381	245	500	450	(50)	119	205	213	105	168	140
2010/11	219	59	430	251	450	275	(175)	20	24	199	35	231	216
2011/12	205	253	500	476	520	500	(20)	20	24	185	229	315	247
2012/13		383		397	479	700	221		303		80		317
Total	\$ 10,437	\$ 9,774	\$ 4,024	\$ 1,690	\$ 12,289	\$ 10,906	\$ (1,383)	\$ 7,786	\$ 9,216	\$ 2,651	\$ 559	\$ 1,373	\$ 1,131
Total (ex FY13)	\$ 10,437	\$ 9,391	\$ 4,024	\$ 1,293	\$ 11,810	\$ 10,206	\$ (1,604)	\$ 7,786	\$ 8,913	\$ 2,651	\$ 479	\$ 1,373	\$ 814



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Summary Exhibit 22

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$3,206	\$3,206	\$0	\$0	\$3,206	\$3,206	\$0	\$3,206	\$3,206	\$0	\$0	\$0	\$0
1994/95	345	345	0	0	345	345	0	345	345	0	0	0	0
1995/96	266	266	0	0	266	266	0	266	266	0	0	0	0
1996/97	120	120	0	0	120	120	0	120	120	0	0	0	0
1997/98	188	188	0	0	188	188	0	188	188	0	0	0	0
1998/99	479	479	0	0	479	479	0	479	479	0	0	0	0
1999/00	559	559	0	0	559	559	0	559	559	0	0	0	0
2000/01	9,771	9,771	0	0	9,771	9,771	0	9,771	9,771	0	0	0	0
2001/02	2,498	2,498	0	0	2,498	2,498	0	2,498	2,498	0	0	0	0
2002/03	213	213	0	0	213	213	0	213	213	0	0	0	0
2003/04	385	385	0	0	385	385	0	385	385	0	0	0	0
2004/05	2,833	2,833	0	0	2,833	2,833	0	2,833	2,833	0	0	0	0
2005/06	171	171	0	0	171	171	0	171	171	0	0	0	0
2006/07	834	984	660	791	894	1,025	131	234	234	600	750	60	41
2007/08	130	128	10	0	132	128	(4)	122	128	7	0	2	0
2008/09	173	173	227	52	400	225	(175)	173	173	0	0	227	52
2009/10	2,725	6,473	2,893	7,147	2,988	7,250	4,262	95	103	2,630	6,370	263	777
2010/11	380	514	768	616	900	850	(50)	132	234	247	280	520	336
2011/12	166	363	960	775	1,000	900	(100)	40	125	126	239	834	537
2012/13		213		1,065	1,169	1,100	(69)		35		177		887
Total	\$ 25,442	\$ 29,883	\$ 5,517	\$ 10,446	\$ 28,517	\$ 32,513	\$ 3,995	\$ 21,831	\$ 22,067	\$ 3,611	\$ 7,816	\$ 1,906	\$ 2,630
Total (ex FY13)	\$ 25,442	\$ 29,670	\$ 5,517	\$ 9,381	\$ 27,348	\$ 31,413	\$ 4,064	\$ 21,831	\$ 22,032	\$ 3,611	\$ 7,639	\$ 1,906	\$ 1,743



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Summary Exhibit 23

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

Losses Limited to Actual Retention

Claim Period (1)	Limited Reported Incurred Losses 11/30/12 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Estimated Outstanding Losses 11/30/12 (6) - (9) (4)	Estimated Outstanding Losses 11/30/13 (7) - (10) (5)	Projected Ultimate Limited Losses 11/30/12 (6)	Projected Ultimate Limited Losses 11/30/13 (7)	Change in Ultimate (7) - (6) (8)	Limited Paid Losses 11/30/12 (9)	Limited Paid Losses 11/30/13 (10)	Limited Case Reserves 11/30/12 (2) - (9) (11)	Limited Case Reserves 11/30/13 (3) - (10) (12)	Estimated IBNR 11/30/12 (4)-(11) (13)	Estimated IBNR 11/30/13 (5)-(12) (14)
to 1993/94	\$ 24,370	\$ 24,370	\$11	\$11	\$ 24,371	\$ 24,371	\$0	\$ 24,360	\$24,360	\$10	\$10	\$1	\$1
1994/95	12,488	12,488	0	0	12,488	12,488	0	12,488	12,488	0	0	0	0
1995/96	3,091	3,091	0	0	3,091	3,091	0	3,091	3,091	0	0	0	0
1996/97	1,557	1,557	0	0	1,557	1,557	0	1,557	1,557	0	0	0	0
1997/98	2,765	2,765	0	0	2,765	2,765	0	2,765	2,765	0	0	0	0
1998/99	4,606	4,606	0	0	4,606	4,606	0	4,606	4,606	0	0	0	0
1999/00	2,713	2,713	0	0	2,713	2,713	0	2,713	2,713	0	0	0	0
2000/01	7,268	7,264	6	1	7,269	7,264	(5)	7,263	7,263	5	1	1	0
2001/02	12,491	12,741	110	385	12,501	12,776	275	12,391	12,391	100	350	10	35
2002/03	6,184	6,184	246	116	6,220	6,195	(25)	5,974	6,079	210	105	36	11
2003/04	65,578	66,003	37	505	65,585	66,068	483	65,548	65,563	30	440	7	65
2004/05	12,858	19,843	8,993	15,317	13,676	20,000	6,324	4,683	4,683	8,175	15,160	818	157
2005/06	7,393	5,843	5,709	3,307	8,902	6,500	(2,402)	3,193	3,193	4,200	2,650	1,509	657
2006/07	9,400	8,815	7,370	2,041	11,409	9,500	(1,909)	4,039	7,459	5,361	1,356	2,009	685
2007/08	14,495	13,775	10,232	10,586	15,781	16,250	469	5,549	5,664	8,946	8,111	1,286	2,475
2008/09	4,335	4,391	9,445	3,674	10,827	6,500	(4,327)	1,382	2,826	2,953	1,565	6,492	2,109
2009/10	6,505	4,332	11,785	7,596	12,776	9,500	(3,276)	991	1,904	5,514	2,428	6,271	5,168
2010/11	2,406	4,757	11,160	9,167	11,410	10,500	(910)	250	1,333	2,156	3,424	9,004	5,743
2011/12	4,276	6,052	17,900	16,271	18,000	17,500	(500)	100	1,229	4,176	4,823	13,724	11,448
2012/13		1,364		15,470	15,687	15,500	(187)		31	0	1,333		14,136
Total	\$204,778	\$212,952	\$ 83,004	\$ 84,448	\$261,634	\$255,644	\$ (5,989)	\$162,943	\$171,197	\$ 41,835	\$ 41,756	\$ 41,169	\$ 42,692
Total (ex FY13)	\$204,778	\$211,589	\$ 83,004	\$ 68,978	\$245,947	\$240,144	\$ (5,802)	\$162,943	\$171,166	\$ 41,835	\$ 40,423	\$ 41,169	\$ 28,556



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

Exhibit WC-HC-Indem-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	3,038	15	\$30,284,974	\$689,032	\$30,974,006
1994/95	Unlimited	None	228.0	Not Provided	486	2	3,147,472	31,091	3,178,563
1995/96	Unlimited	None	216.0	Not Provided	464	0	2,256,895	0	2,256,895
1996/97	Unlimited	None	204.0	Not Provided	435	1	3,406,136	44,505	3,450,641
1997/98	Unlimited	None	192.0	Not Provided	600	0	1,288,564	0	1,288,564
1998/99	Unlimited	None	180.0	Not Provided	715	1	1,922,431	240,513	2,162,944
1999/00	Unlimited	None	168.0	Not Provided	599	0	1,495,978	0	1,495,978
2000/01	9,500,000	40,000,000	156.0	404,285	583	0	1,279,025	0	1,279,025
2001/02	9,500,000	40,000,000	144.0	411,607	458	0	940,571	0	940,571
2002/03	9,500,000	45,000,000	132.0	418,059	487	1	2,564,727	28,201	2,592,929
2003/04	Unlimited	None	120.0	430,838	547	1	1,579,623	2	1,579,625
2004/05	Unlimited	None	108.0	435,632	487	2	1,724,279	56,319	1,780,598
2005/06	Unlimited	None	96.0	441,459	485	0	1,247,553	0	1,247,553
2006/07	Unlimited	None	84.0	425,394	300	2	1,855,864	172,222	2,028,086
2007/08	Unlimited	None	72.0	424,893	260	1	1,554,940	0	1,554,940
2008/09	Unlimited	None	60.0	476,861	260	4	1,094,795	32,252	1,127,047
2009/10	Unlimited	None	48.0	498,064	192	2	819,131	34,416	853,547
2010/11	Unlimited	None	36.0	455,500	183	12	937,000	163,601	1,100,601
2011/12	Unlimited	None	24.0	480,078	148	20	862,442	95,890	958,332
2012/13	Unlimited	None	12.0	449,829	125	75	327,389	207,355	534,745
Total					10,852	139	\$60,589,789	\$1,795,400	\$62,385,189

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/77	Unlimited
12/01/00	9,500,000
12/01/03	Unlimited

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-HC-Indem-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	3,038	15	\$30,284,974	\$689,032	\$30,974,006
1994/95	Unlimited	None	228.0	Not Provided	486	2	3,147,472	31,091	3,178,563
1995/96	Unlimited	None	216.0	Not Provided	464	0	2,256,895	0	2,256,895
1996/97	Unlimited	None	204.0	Not Provided	435	1	3,406,136	44,505	3,450,641
1997/98	Unlimited	None	192.0	Not Provided	600	0	1,288,564	0	1,288,564
1998/99	Unlimited	None	180.0	Not Provided	715	1	1,922,431	240,513	2,162,944
1999/00	Unlimited	None	168.0	Not Provided	599	0	1,495,978	0	1,495,978
2000/01	Unlimited	40,000,000	156.0	404,285	583	0	1,279,025	0	1,279,025
2001/02	Unlimited	40,000,000	144.0	411,607	458	0	940,571	0	940,571
2002/03	Unlimited	45,000,000	132.0	418,059	487	1	2,564,727	28,201	2,592,929
2003/04	Unlimited	None	120.0	430,838	547	1	1,579,623	2	1,579,625
2004/05	Unlimited	None	108.0	435,632	487	2	1,724,279	56,319	1,780,598
2005/06	Unlimited	None	96.0	441,459	485	0	1,247,553	0	1,247,553
2006/07	Unlimited	None	84.0	425,394	300	2	1,855,864	172,222	2,028,086
2007/08	Unlimited	None	72.0	424,893	260	1	1,554,940	0	1,554,940
2008/09	Unlimited	None	60.0	476,861	260	4	1,094,795	32,252	1,127,047
2009/10	Unlimited	None	48.0	498,064	192	2	819,131	34,416	853,547
2010/11	Unlimited	None	36.0	455,500	183	12	937,000	163,601	1,100,601
2011/12	Unlimited	None	24.0	480,078	148	20	862,442	95,890	958,332
2012/13	Unlimited	None	12.0	449,829	125	75	327,389	207,355	534,745
Total					10,852	139	\$60,589,789	\$1,795,400	\$62,385,189

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-HC-Indem-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	99.9%	100.0%	100.0%	354.0	99.9%	100.0%	100.0%
348.0	99.9%	100.0%	100.0%	342.0	99.9%	100.0%	100.0%
336.0	99.8%	100.0%	100.0%	330.0	99.8%	100.0%	100.0%
324.0	99.8%	100.0%	100.0%	318.0	99.7%	100.0%	100.0%
312.0	99.7%	100.0%	100.0%	306.0	99.6%	100.0%	100.0%
300.0	99.5%	100.0%	100.0%	294.0	99.4%	100.0%	100.0%
288.0	99.3%	100.0%	100.0%	282.0	99.2%	100.0%	100.0%
276.0	99.0%	100.0%	100.0%	270.0	98.8%	100.0%	100.0%
264.0	98.6%	100.0%	100.0%	258.0	98.3%	100.0%	100.0%
252.0	98.0%	100.0%	100.0%	246.0	97.5%	100.0%	100.0%
240.0	97.1%	100.0%	100.0%	234.0	97.0%	100.0%	100.0%
228.0	97.0%	100.0%	100.0%	222.0	96.9%	100.0%	100.0%
216.0	96.8%	100.0%	100.0%	210.0	96.7%	100.0%	100.0%
204.0	96.6%	100.0%	100.0%	198.0	96.5%	100.0%	100.0%
192.0	96.4%	100.0%	100.0%	186.0	96.3%	100.0%	100.0%
180.0	96.2%	100.0%	100.0%	174.0	96.1%	100.0%	100.0%
168.0	95.9%	100.0%	100.0%	162.0	95.7%	100.0%	100.0%
156.0	95.5%	100.0%	100.0%	150.0	95.3%	100.0%	100.0%
144.0	95.1%	100.0%	100.0%	138.0	94.6%	100.0%	100.0%
132.0	94.1%	100.0%	100.0%	126.0	93.4%	99.9%	100.0%
120.0	92.7%	99.8%	100.0%	114.0	91.8%	99.6%	100.0%
108.0	90.9%	99.3%	100.0%	102.0	89.6%	98.8%	100.0%
96.0	88.3%	98.3%	100.0%	90.0	86.8%	97.6%	100.0%
84.0	85.3%	96.9%	100.0%	78.0	82.9%	95.9%	100.0%
72.0	80.5%	95.0%	100.0%	66.0	77.5%	93.8%	100.0%
60.0	74.5%	92.7%	99.9%	54.0	70.2%	90.9%	99.8%
48.0	65.9%	89.1%	99.7%	42.0	60.4%	85.8%	99.6%
36.0	54.9%	82.5%	99.4%	30.0	47.8%	77.7%	99.2%
24.0	40.7%	73.0%	99.0%	18.0	30.5%	63.5%	97.8%
12.0	20.3%	54.1%	96.6%	6.0	10.2%	27.0%	48.3%

(2) is from Exhibit WC-HC-Indem-2 (page 2).

(3) is from Exhibit WC-HC-Indem-2 (page 3).

(4) is from Exhibit WC-HC-Indem-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



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

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	Months of Development:			60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
			36	48																	
to 1993/04																					
1994/05	645	1197	1437	1,811	2,038	2,301	2,718	2,753	2,818	2,840	2,903	2,979	3,012	3,046	3,083	3,113	\$27,971	\$27,971	\$29,143	\$29,303	\$30,285
1995/06	452	751	908	1,105	1,362	1,788	2,038	2,084	2,227	2,332	2,437	2,441	2,446	2,506	2,555	2,557	3,083	3,083	3,113	3,147	
1996/07	522	951	1,067	1,859	2,083	2,518	2,842	2,655	3,084	3,176	3,237	3,241	3,270	3,361	3,406		3,046	3,046	3,113		
1997/08	318	576	838	1,025	1,216	1,238	1,238	1,238	1,262	1,265	1,269	1,289	1,289	1,289			2,250	2,255	2,257		
1998/09	302	582	774	984	1,071	1,238	1,446	1,556	1,565	1,615	1,689	1,689	1,689	1,689			1,289	1,289	1,289		
1999/00	449	670	912	1,096	1,189	1,216	1,284	1,285	1,308	1,326	1,392	1,392	1,492	1,496			1,835	1,835	1,835		
2000/01	405	666	828	976	1,065	1,192	1,207	1,229	1,270	1,270	1,270	1,270	1,270	1,279			1,496	1,496	1,496		
2001/02	309	461	569	692	808	860	912	915	915	915	939	941									
2002/03	524	808	962	1,224	1,303	1,479	2,212	2,276	2,424	2,547	2,565										
2003/04	524	824	1,055	1,159	1,319	1,474	1,574	1,575	1,575	1,580											
2004/05	386	747	897	1,031	1,308	1,578	1,625	1,677	1,724												
2005/06	289	486	784	942	1,069	1,150	1,243	1,248													
2006/07	363	804	1,178	1,406	1,616	1,701	1,856														
2007/08	441	912	1,238	1,457	1,541	1,555															
2008/09	286	552	733	972	1,095																
2009/10	288	600	755	819																	
2010/11	493	747	937																		
2011/12	538	862																			
2012/13	327																				

II. Limited Paid Loss Development

Claim Period	12	24	Months of Development:			60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
			36	48																	
to 1993/04																					
1994/05	1,857	1,200	1,260	1,126	1,129	1,071	1,055	1,045	1,033	1,024	1,013	1,008	1,022	1,026	1,011	1,011	1,008	1,042	1,006	1,033	
1995/06	1,662	1,208	1,218	1,232	1,129	1,100	1,035	1,033	1,033	1,024	1,002	1,002	1,002	1,002	1,002	1,002	1,002	1,012	1,010	1,011	
1996/07	1,820	1,691	1,157	1,121	1,113	1,010	1,025	1,065	1,098	1,014	1,015	1,015	1,017	1,013	1,014	1,013	1,013	1,001	1,001		
1997/08	1,811	1,455	1,223	1,186	1,018	1,000	1,000	1,019	1,003	1,000	1,019	1,019	1,000	1,000	1,000	1,000	1,013	1,001	1,001		
1998/09	1,923	1,331	1,271	1,088	1,157	1,168	1,076	1,006	1,032	1,048	1,032	1,048	1,055	1,012	1,017	1,048	1,013	1,001	1,001		
1999/00	1,490	1,362	1,202	1,085	1,023	1,056	1,000	1,018	1,033	1,014	1,014	1,050	1,072	1,002	1,000		1,008	1,012	1,010		
2000/01	1,643	1,244	1,179	1,091	1,119	1,012	1,018	1,033	1,000	1,000	1,000	1,000	1,000	1,000	1,000		1,012	1,010	1,011		
2001/02	1,492	1,235	1,215	1,169	1,135	1,064	1,004	1,000	1,000	1,000	1,000	1,002	1,002	1,000			1,008	1,042	1,006		
2002/03	1,542	1,190	1,273	1,064	1,135	1,068	1,029	1,065	1,051	1,007							1,008	1,012	1,010		
2003/04	1,572	1,201	1,099	1,138	1,118	1,068	1,000	1,000	1,000	1,003							1,008	1,012	1,006		
2004/05	1,936	1,281	1,150	1,268	1,206	1,118	1,032	1,028									1,011	1,012	1,002		
2005/06	1,679	1,613	1,203	1,135	1,075	1,081	1,004										1,011	1,012	1,002		
2006/07	2,215	1,467	1,193	1,149	1,053	1,091											1,011	1,012	1,002		
2007/08	2,069	1,357	1,177	1,058	1,009												1,011	1,012	1,002		
2008/09	1,932	1,328	1,325	1,127													1,011	1,012	1,002		
2009/10	2,084	1,259	1,085														1,011	1,012	1,002		
2010/11	1,515	1,254															1,011	1,012	1,002		
2011/12	1,604																1,011	1,012	1,002		
2012/13																	1,011	1,012	1,002		

Average All
Wtd 3
Last 3
Last 5
x-til low

Similar Previous	2,000	1,350	1,200	1,130	1,080	1,060	1,035	1,030	1,029	1,022	1,015	1,010	1,005	1,004	1,003	1,002	1,002	1,002	1,002	1,001	1,030
Selected	2,000	1,350	1,200	1,130	1,080	1,060	1,035	1,030	1,029	1,022	1,015	1,010	1,005	1,004	1,003	1,002	1,002	1,002	1,002	1,001	1,030
Cumulative	4,914	2,457	1,820	1,517	1,342	1,243	1,172	1,133	1,035	1,026	1,009	1,028	1,052	1,047	1,042	1,039	1,037	1,036	1,033	1,031	1,030
Percent	20.3%	40.7%	54.9%	65.9%	74.5%	80.5%	85.3%	88.3%	88.3%	90.9%	92.7%	94.1%	95.1%	95.5%	95.9%	96.2%	96.4%	96.6%	96.8%	97.0%	97.1%

Amounts are limited (net of excess insurance).

Data was provided by the County.



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

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12-24	24-36	36-48	Months of Development:	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																					
1994/05	4,510	3,238	3,864	3,733	3,583	3,004	3,004	3,206	3,245	3,297	3,285	3,358	3,358	3,401	3,646	3,174	\$30,094	\$30,838	\$30,950	\$30,931	\$30,974
1995/06	3,678	4,071	4,088	4,049	3,866	4,364	4,364	4,501	4,494	4,341	4,341	4,435	4,435	4,485	2,244	3,174	3,174	3,174	3,174	3,174	3,179
1996/07	4,428	4,885	5,067	4,755	4,611	5,002	5,002	5,007	5,356	5,490	5,419	5,298	5,481	5,433	3,343	2,259	2,259	2,284	2,284	2,257	
1997/08	1,901	2,196	2,430	2,525	2,571	2,579	2,579	2,445	2,462	2,092	2,115	2,115	2,189	2,189	1,289	1,289	1,289	3,451	3,451		
1998/09	1,410	1,932	2,152	2,323	2,399	2,467	2,467	2,555	2,636	2,795	2,958	2,205	2,215	2,080	2,097	2,163	1,289	3,451	3,451		
1999/00	1,439	1,824	2,122	2,269	2,259	2,211	2,211	2,364	2,371	2,385	1,456	1,585	1,492	1,496	1,496						
2000/01	1,028	1,366	1,529	1,573	1,610	1,689	1,739	1,739	1,754	1,283	1,283	1,270	1,270	1,279							
2001/02	713	972	987	1,146	1,122	1,202	1,202	1,251	927	927	915	939	941								
2002/03	1,120	1,492	1,696	1,946	2,036	2,036	2,213	2,362	2,548	2,486	2,593	2,593									
2003/04	1,052	1,417	1,740	1,741	1,885	1,537	1,628	1,628	1,601	1,575	1,580										
2004/05	964	1,477	1,663	1,874	1,625	1,718	1,672	1,778	1,778	1,781											
2005/06	1,103	1,306	1,673	1,096	1,228	1,150	1,243	1,248													
2006/07	1,048	1,588	1,503	1,620	1,640	1,710	2,028														
2007/08	1,050	1,266	1,684	1,482	1,558	1,555															
2008/09	821	1,113	825	1,008	1,127																
2009/10	731	672	776	854																	
2010/11	773	827	776																		
2011/12	762	958																			
2012/13	535																				

II. Limited Reported Incurred Loss Development

Claim Period	12-24	24-36	36-48	Months of Development:	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-Ult
to 1993/04																					
1994/05	0.718	1.193	0.966	0.960	0.839	1.067	1.067	1.012	1.015	0.996	1.022	1.000	1.033	1.072	0.870	1.000	1.025	1.004	0.999	1.001	
1995/06	1.107	0.999	0.985	0.979	1.100	1.031	1.031	0.988	0.966	1.000	1.022	1.000	0.989	0.966	1.007	1.000	1.000	1.000	1.002		
1996/07	1.103	1.037	0.938	1.012	1.040	1.001	1.001	1.070	1.025	0.623	0.964	1.055	0.960	1.000	1.007	1.000	1.032	0.988			
1997/08	1.155	1.107	1.039	1.018	1.033	0.948	0.948	1.007	0.850	1.011	1.000	0.609	1.000	1.000	1.000	1.000	1.000				
1998/09	1.370	1.114	1.079	1.033	1.028	1.036	1.036	1.032	1.060	1.058	0.746	1.004	0.944	1.003	1.032						
1999/00	1.267	1.163	1.069	0.996	0.978	1.069	1.069	1.003	1.006	0.610	1.089	0.941	1.002	1.000							
2000/01	1.328	1.120	1.029	1.024	1.049	1.030	1.030	1.009	0.731	1.000	0.990	1.000	1.007								
2001/02	1.363	1.015	1.161	0.979	1.072	1.040	1.040	0.741	1.000	0.987	1.026	1.002									
2002/03	1.332	1.137	1.148	1.046	1.087	1.067	1.067	1.078	0.976	1.043	1.000										
2003/04	1.347	1.229	1.000	1.083	0.815	1.060	1.060	0.983	0.984	1.003											
2004/05	1.532	1.126	1.127	0.867	1.057	0.973	0.973	1.064													
2005/06	1.184	1.281	0.655	1.120	0.936	1.081	1.081	1.004	1.001												
2006/07	1.516	0.947	1.078	1.078	1.043	1.186															
2007/08	1.206	1.331	0.880	1.051	0.998																
2008/09	1.356	0.741	1.222	1.118																	
2009/10	0.920	1.154	1.100																		
2010/11	1.070	1.331																			
2011/12	1.258																				
2012/13																					

Average
All
Wtd 3
Last 3
Last 5
x-Hi,Low

Similar Previous	1.350	1.130	1.080	1.040	1.025	1.020	1.015	1.015	1.010	1.005	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.350	1.130	1.080	1.040	1.025	1.020	1.015	1.015	1.010	1.005	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	1.849	1.370	1.212	1.122	1.079	1.053	1.032	1.017	1.017	1.007	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%
Percent	54.1%	73.0%	82.5%	89.1%	92.7%	95.0%	96.9%	98.3%	98.3%	99.3%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.



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

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1993/05				481	482	485	485	485	486	486	486	486	486	486	486	3,038	3,038	3,038	3,038	3,038
1995/06			459	482	483	484	464	464	464	464	464	464	464	464	464	486	486	486	486	486
1996/07			434	435	435	435	435	435	435	435	435	435	435	435	435	464	464	464	464	464
1997/08		430	585	597	599	599	599	599	600	600	600	600	600	600	600	600	600	600	600	600
1998/09			707	711	712	713	715	715	715	715	715	715	715	715	715	715	715	715	715	715
1999/00	583		699	595	596	596	597	598	598	598	599	599	599	599	599	599	599	599	599	599
2000/01	699		594	582	582	583	583	583	583	583	583	583	583	583	583	583	583	583	583	583
2001/02	583		579	582	582	583	583	583	583	583	583	583	583	583	583	583	583	583	583	583
2002/03	583		454	456	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458
2003/04	454		481	486	486	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487
2004/05	481		541	545	545	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547
2005/06	547		486	486	486	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487
2006/07	487		481	483	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485
2007/08	485		299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299
2008/09	299		256	261	261	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
2009/10	260		234	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259
2010/11	259		191	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192
2011/12	192		183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183
2012/13	183		148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04																				
1994/05				1.002	1.006	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.003	0.997	1.000	
1995/06			1.007	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	
1996/07			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	
1997/08		1.009	1.002	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	
1998/09	1.021		1.004	1.001	1.001	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	
1999/00	1.011		1.002	1.002	1.002	1.002	1.002	1.000	1.002	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2000/01	1.030		1.005	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	
2001/02	1.026		1.004	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	
2002/03	1.026		1.006	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	
2003/04	1.087		1.007	1.002	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	
2004/05	1.087		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	
2005/06	1.008		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	
2006/07	1.024		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	
2007/08	1.012		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	
2008/09	1.017		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	
2009/10	1.124		1.005	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	
2010/11	1.028		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2011/12	1.021																			
2012/13																				
Average All	1.028	1.010	1.003	1.001	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	0.999	1.000	
Wtd 3	1.059	1.043	1.003	1.000	1.001	0.999	1.000	1.001	1.000	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.002	1.000	1.000	
Last 3	1.058	1.037	1.003	1.000	1.001	0.999	1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	
Last 5 x-til low	1.022	1.003	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	
Similar Previous	1.025	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	
Selected	1.025	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	
Cumulative	1.035	1.010	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	
Percent	96.6%	99.0%	99.4%	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

Data was provided by the County.



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

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	Months of Development:															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
10/1993/04 to 10/2012/13	14.3%	37.0%	37.2%	48.5%	56.0%	76.6%	76.9%	80.1%	82.4%	83.8%	83.9%	84.6%	85.3%	81.7%	94.9%	92.2%
	12.3%	18.4%	22.3%	27.3%	34.3%	41.0%	43.7%	43.9%	47.0%	47.1%	50.2%	50.3%	50.5%	99.9%	99.4%	96.0%
	11.8%	18.5%	31.7%	39.1%	43.3%	46.3%	46.8%	49.2%	51.1%	50.2%	94.8%	91.2%	96.6%	97.6%	99.3%	96.0%
	16.7%	26.2%	34.5%	40.6%	47.3%	48.0%	50.6%	50.3%	60.3%	59.8%	58.8%	100.0%	100.0%	100.0%	100.0%	97.4%
	21.5%	30.1%	36.0%	42.4%	44.6%	50.2%	56.6%	59.0%	56.0%	54.6%	76.7%	80.6%	86.4%	100.0%	100.0%	100.0%
	31.2%	36.7%	43.0%	48.3%	52.6%	55.0%	54.3%	54.2%	54.8%	91.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	39.4%	48.8%	54.2%	62.1%	66.1%	70.6%	69.4%	70.0%	98.0%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	43.3%	47.4%	57.7%	60.4%	72.1%	71.5%	72.9%	98.7%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	46.8%	54.2%	56.7%	62.9%	64.0%	66.8%	93.6%	88.3%	97.5%	98.2%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%
	49.8%	58.1%	60.6%	66.6%	70.0%	66.8%	96.7%	98.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	40.0%	50.6%	53.9%	55.0%	80.5%	91.8%	97.2%	94.3%	96.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	26.2%	37.2%	46.8%	86.0%	87.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	34.6%	50.6%	78.4%	86.8%	98.5%	99.5%	91.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Average	36.8%	50.3%	56.3%	63.5%	67.6%	72.4%	73.1%	74.0%	76.7%	82.4%	83.6%	88.3%	88.4%	94.5%	96.5%	97.0%	96.3%	97.4%	96.9%	97.8%
All	65.2%	89.8%	90.4%	96.9%	98.2%	99.8%	96.2%	97.6%	98.1%	99.4%	99.6%	100.0%	95.5%	95.8%	96.0%	99.0%	98.2%	97.4%	96.9%	97.8%
Last 3	54.8%	83.7%	84.1%	93.1%	94.3%	98.5%	95.8%	97.1%	98.4%	99.1%	95.6%	100.0%	98.9%	99.2%	97.9%	97.7%	98.2%	97.4%	96.9%	97.8%
Last 5																				
x-high																				
Low																				
Implicit	37.6%	55.8%	66.6%	74.0%	80.4%	84.7%	88.0%	89.8%	91.6%	92.9%	94.1%	95.1%	95.5%	95.9%	96.2%	96.4%	96.6%	96.8%	97.0%	97.1%



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

Exhibit WC-HC-Indem-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$30,284,974	97.1%	\$31,193,523
1994/95	228.0	3,147,472	97.0%	3,245,138
1995/96	216.0	2,256,895	96.8%	2,331,581
1996/97	204.0	3,406,136	96.6%	3,525,890
1997/98	192.0	1,288,564	96.4%	1,336,536
1998/99	180.0	1,922,431	96.2%	1,997,988
1999/00	168.0	1,495,978	95.9%	1,559,439
2000/01	156.0	1,279,025	95.5%	1,338,616
2001/02	144.0	940,571	95.1%	989,315
2002/03	132.0	2,564,727	94.1%	2,724,617
2003/04	120.0	1,579,623	92.7%	1,703,271
2004/05	108.0	1,724,279	90.9%	1,896,435
2005/06	96.0	1,247,553	88.3%	1,413,275
2006/07	84.0	1,855,864	85.3%	2,175,977
2007/08	72.0	1,554,940	80.5%	1,932,535
2008/09	60.0	1,094,795	74.5%	1,469,503
2009/10	48.0	819,131	65.9%	1,242,423
2010/11	36.0	937,000	54.9%	1,705,441
2011/12	24.0	862,442	40.7%	2,119,147
2012/13	12.0	327,389	20.3%	1,608,888

(3) is from Exhibit WC-HC-Indem-1.

(4) is from Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$30,974,006	100.0%	\$30,974,006
1994/95	228.0	3,178,563	100.0%	3,178,563
1995/96	216.0	2,256,895	100.0%	2,256,895
1996/97	204.0	3,450,641	100.0%	3,450,641
1997/98	192.0	1,288,564	100.0%	1,288,564
1998/99	180.0	2,162,944	100.0%	2,162,944
1999/00	168.0	1,495,978	100.0%	1,495,978
2000/01	156.0	1,279,025	100.0%	1,279,025
2001/02	144.0	940,571	100.0%	940,571
2002/03	132.0	2,592,929	100.0%	2,592,929
2003/04	120.0	1,579,625	99.8%	1,582,784
2004/05	108.0	1,780,598	99.3%	1,793,080
2005/06	96.0	1,247,553	98.3%	1,268,861
2006/07	84.0	2,028,086	96.9%	2,093,667
2007/08	72.0	1,554,940	95.0%	1,637,325
2008/09	60.0	1,127,047	92.7%	1,216,430
2009/10	48.0	853,547	89.1%	958,089
2010/11	36.0	1,100,601	82.5%	1,334,235
2011/12	24.0	958,332	73.0%	1,312,795
2012/13	12.0	534,745	54.1%	988,920

(3) is from Exhibit WC-HC-Indem-1.

(4) is from Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	97.1%	100.0%	100.0%	\$30,284,974	\$689,032	\$30,974,006
1994/95	228.0	97.0%	100.0%	100.0%	3,147,472	31,091	3,178,563
1995/96	216.0	96.8%	100.0%	100.0%	2,256,895	0	2,256,895
1996/97	204.0	96.6%	100.0%	100.0%	3,406,136	44,505	3,450,641
1997/98	192.0	96.4%	100.0%	100.0%	1,288,564	0	1,288,564
1998/99	180.0	96.2%	100.0%	100.0%	1,922,431	240,513	2,162,944
1999/00	168.0	95.9%	100.0%	100.0%	1,495,978	0	1,495,978
2000/01	156.0	95.5%	100.0%	100.0%	1,279,025	0	1,279,025
2001/02	144.0	95.1%	100.0%	100.0%	940,571	0	940,571
2002/03	132.0	94.1%	100.0%	100.0%	2,564,727	28,201	2,592,929
2003/04	120.0	92.7%	99.8%	97.3%	1,579,623	2	1,579,625
2004/05	108.0	90.9%	99.3%	92.3%	1,724,279	56,319	1,785,275
2005/06	96.0	88.3%	98.3%	85.7%	1,247,553	0	1,247,553
2006/07	84.0	85.3%	96.9%	78.7%	1,855,864	172,222	2,074,676
2007/08	72.0	80.5%	95.0%	74.2%	1,554,940	0	1,554,940
2008/09	60.0	74.5%	92.7%	71.2%	1,094,795	32,252	1,140,103
2009/10	48.0	65.9%	89.1%	68.0%	819,131	34,416	869,763
2010/11	36.0	54.9%	82.5%	61.1%	937,000	163,601	1,204,595
2011/12	24.0	40.7%	73.0%	54.5%	862,442	95,890	1,038,485
2012/13	12.0	20.3%	54.1%	42.3%	327,389	207,355	817,121

(3) and (4) are from Exhibit WC-HC-Indem-2.

(6) and (7) are from Exhibit WC-HC-Indem-1.



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

Exhibit WC-HC-Indem-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$31,193,523	\$30,974,006	\$30,974,006	\$31,193,523
1994/95	3,245,138	3,178,563	3,178,563	3,245,138
1995/96	2,331,581	2,256,895	2,256,895	2,256,895
1996/97	3,525,890	3,450,641	3,450,641	3,525,890
1997/98	1,336,536	1,288,564	1,288,564	1,288,564
1998/99	1,997,988	2,162,944	2,162,944	2,186,995
1999/00	1,559,439	1,495,978	1,495,978	1,495,978
2000/01	1,338,616	1,279,025	1,279,025	1,279,025
2001/02	989,315	940,571	940,571	940,571
2002/03	2,724,617	2,592,929	2,592,929	2,724,617
2003/04	1,703,271	1,582,784	1,579,625	1,703,271
2004/05	1,896,435	1,793,080	1,785,275	1,896,435
2005/06	1,413,275	1,268,861	1,247,553	1,247,553
2006/07	2,175,977	2,093,667	2,074,676	2,175,977
2007/08	1,932,535	1,637,325	1,554,940	1,554,940
2008/09	1,469,503	1,216,430	1,140,103	1,469,503
2009/10	1,242,423	958,089	869,763	1,242,423
2010/11	1,705,441	1,334,235	1,204,595	1,705,441
2011/12	2,119,147	1,312,795	1,038,485	2,119,147
2012/13	1,608,888	988,920	817,121	1,608,888

(2) is from Exhibit WC-HC-Indem-3.

(3) is from Exhibit WC-HC-Indem-4.

(4) is from Exhibit WC-HC-Indem-5.

(5) is based on (2) to (4) and actuarial judgment.



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

Exhibit WC-HC-Indem-7

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	Projected A-priori Loss Rate per \$100 of Payroll (7)/(5) (8)
2003/04	\$1,703,271	\$430,838	\$0.40	1.253	\$0.50	\$0.31
2004/05	1,896,435	435,632	0.44	1.201	0.52	0.33
2005/06	1,247,553	441,459	0.28	1.142	0.32	0.34
2006/07	2,175,977	425,394	0.51	1.105	0.57	0.36
2007/08	1,554,940	424,893	0.37	1.080	0.40	0.36
2008/09	1,469,503	476,861	0.31	1.058	0.33	0.37
2009/10	1,242,423	498,064	0.25	1.035	0.26	0.38
2010/11	1,705,441	455,500	0.37	1.026	0.38	0.38
2011/12	2,119,147	480,078	0.44	1.030	0.45	0.38
2012/13	1,608,888	449,829	0.36	1.015	0.36	0.39

(7) Projected 2013/14 a-priori loss rate per \$100 of Payroll \$0.39

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$1,094,795	74.5%	\$0.37	\$476,861	\$451,126	\$1,545,921
2009/10	819,131	65.9%	0.38	498,064	643,182	1,462,313
2010/11	937,000	54.9%	0.38	455,500	784,678	1,721,677
2011/12	862,442	40.7%	0.38	480,078	1,084,398	1,946,840
2012/13	327,389	20.3%	0.39	449,829	1,385,195	1,712,585

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$1,127,047	92.7%	\$0.37	\$476,861	\$130,000	\$1,257,047
2009/10	853,547	89.1%	0.38	498,064	205,992	1,059,539
2010/11	1,100,601	82.5%	0.38	455,500	304,944	1,405,545
2011/12	958,332	73.0%	0.38	480,078	493,731	1,452,063
2012/13	534,745	54.1%	0.39	449,829	798,695	1,333,439

Section I, (2) is from Exhibit WC-HC-Indem-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit WC-HC-Indem-10.

Section I, (5) is from Exhibit WC-HC-Indem-15.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit WC-HC-Indem-1.

Sections II and III, (3) are from Exhibit WC-HC-Indem-2.

Sections II and III, (4) are from Section I, (8).



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

Exhibit WC-HC-Indem-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Payroll (000) (6)	Frequency (per \$1M of Payroll) (5)/(6)X1,000 (7)
2003/04	120.0	547	100.0%	547	\$430,838	1.27
2004/05	108.0	487	100.0%	487	435,632	1.12
2005/06	96.0	485	100.0%	485	441,459	1.10
2006/07	84.0	300	100.0%	300	425,394	0.71
2007/08	72.0	260	100.0%	260	424,893	0.61
2008/09	60.0	260	99.9%	260	476,861	0.55
2009/10	48.0	192	99.7%	193	498,064	0.39
2010/11	36.0	183	99.4%	184	455,500	0.40
2011/12	24.0	148	99.0%	149	480,078	0.31
2012/13	12.0	125	96.6%	129	449,829	0.29

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$1,703,271	547	\$3,114	1.685	\$5,245	\$6,020	\$3,292,723
2004/05	1,896,435	487	3,894	1.566	6,100	6,474	3,152,612
2005/06	1,247,553	485	2,572	1.447	3,721	7,010	3,399,926
2006/07	2,175,977	300	7,253	1.359	9,857	7,462	2,238,477
2007/08	1,554,940	260	5,981	1.290	7,715	7,861	2,043,806
2008/09	1,469,503	260	5,652	1.226	6,930	8,270	2,150,220
2009/10	1,242,423	193	6,437	1.165	7,501	8,702	1,679,573
2010/11	1,705,441	184	9,269	1.122	10,395	9,041	1,663,593
2011/12	2,119,147	149	14,222	1.093	15,545	9,278	1,382,385
2012/13	1,608,888	129	12,472	1.045	13,039	9,699	1,251,226
(7) Projected 2013/14 average claim severity					\$10,140		

Section I, (3) is from Exhibit WC-HC-Indem-1.

Section I, (4) is from Exhibit WC-HC-Indem-2.

Section I, (6) is from Exhibit WC-HC-Indem-10.

Section II, (2) is from Exhibit WC-HC-Indem-6.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit WC-HC-Indem-15.

Section II, (7) is based on (6) and actuarial judgment.



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

Exhibit WC-HC-Indem-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (9)
to 1993/94	\$31,193,523	\$30,974,006	\$30,974,006				\$30,850,027	\$31,194,000
1994/95	3,245,138	3,178,563	3,178,563				3,180,000	3,245,000
1995/96	2,331,581	2,256,895	2,256,895				2,287,000	2,256,895
1996/97	3,525,890	3,450,641	3,450,641				3,460,000	3,526,000
1997/98	1,336,536	1,288,564	1,288,564				1,288,564	1,288,564
1998/99	1,997,988	2,162,944	2,162,944				2,123,004	2,187,000
1999/00	1,559,439	1,495,978	1,495,978				1,495,978	1,495,978
2000/01	1,338,616	1,279,025	1,279,025				1,270,043	1,279,025
2001/02	989,315	940,571	940,571				939,071	940,571
2002/03	2,724,617	2,592,929	2,592,929				2,598,000	2,725,000
2003/04	1,703,271	1,582,784	1,579,625				1,574,754	1,703,000
2004/05	1,896,435	1,793,080	1,785,275				1,860,000	1,896,000
2005/06	1,413,275	1,268,861	1,247,553				1,242,553	1,247,553
2006/07	2,175,977	2,093,667	2,074,676				1,971,000	2,176,000
2007/08	1,932,535	1,637,325	1,554,940				1,890,000	1,554,940
2008/09	1,469,503	1,216,430	1,140,103	1,545,921	1,257,047	2,150,220	1,315,000	1,546,000
2009/10	1,242,423	958,089	869,763	1,462,313	1,059,539	1,679,573	1,400,000	1,462,000
2010/11	1,705,441	1,334,235	1,204,595	1,721,677	1,405,545	1,663,593	1,600,000	1,700,000
2011/12	2,119,147	1,312,795	1,038,485	1,946,840	1,452,063	1,382,385	1,700,000	1,800,000
2012/13	1,608,888	988,920	817,121	1,712,585	1,333,439	1,251,226	1,700,000	1,700,000

(2) is from Exhibit WC-HC-Indem-3.

(3) is from Exhibit WC-HC-Indem-4.

(4) is from Exhibit WC-HC-Indem-5.

(5) and (6) are from Exhibit WC-HC-Indem-7.

(7) is from Exhibit WC-HC-Indem-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



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

Exhibit WC-HC-Indem-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)/10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	
2003/04	\$1,703,000	\$430,838	\$0.40	1.253	\$0.50	
2004/05	1,896,000	435,632	0.44	1.201	0.52	
2005/06	1,247,553	441,459	0.28	1.142	0.32	
2006/07	2,176,000	425,394	0.51	1.105	0.57	
2007/08	1,554,940	424,893	0.37	1.080	0.40	
2008/09	1,546,000	476,861	0.32	1.058	0.34	
2009/10	1,462,000	498,064	0.29	1.035	0.30	
2010/11	1,700,000	455,500	0.37	1.026	0.38	
2011/12	1,800,000	480,078	0.37	1.030	0.39	
2012/13	1,700,000	449,829	0.38	1.015	0.38	
Total	\$16,785,493	\$4,518,547	\$0.37		\$0.41	

Claim Period (1)	Projected Limited Loss Rate per \$100 of Payroll (7)	Projected Payroll (000) (8)	Projected Ultimate Limited Losses (7)X(8)X10 (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per \$100 of Payroll (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11)X10 (12)
2013/14	\$0.39	\$445,366	\$1,756,000	0.88	\$0.35	\$1,541,000
2014/15	0.40	445,366	1,783,000	0.88	0.35	1,564,000
2015/16	0.41	445,366	1,809,000	0.88	0.36	1,588,000

(2) is from Exhibit WC-HC-Indem-9.

(3) was provided by the County.

(5) is from Exhibit WC-HC-Indem-15.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus the trend in Exhibit WC-HC-Indem-15.

(8) to 2013/14 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$30,284,974	\$689,032	\$30,974,006	\$31,194,000	\$219,994	\$909,026	0.92	\$833,264
1994/95	3,147,472	31,091	3,178,563	3,245,000	66,437	97,528	0.89	86,609
1995/96	2,256,895	0	2,256,895	2,256,895	0	0	0.86	0
1996/97	3,406,136	44,505	3,450,641	3,526,000	75,359	119,864	0.84	101,105
1997/98	1,288,564	0	1,288,564	1,288,564	0	0	0.82	0
1998/99	1,922,431	240,513	2,162,944	2,187,000	24,056	264,569	0.80	212,869
1999/00	1,495,978	0	1,495,978	1,495,978	0	0	0.79	0
2000/01	1,279,025	0	1,279,025	1,279,025	0	0	0.78	0
2001/02	940,571	0	940,571	940,571	0	0	0.78	0
2002/03	2,564,727	28,201	2,592,929	2,725,000	132,071	160,272	0.79	126,410
2003/04	1,579,623	2	1,579,625	1,703,000	123,375	123,377	0.80	99,217
2004/05	1,724,279	56,319	1,780,598	1,896,000	115,402	171,721	0.82	140,455
2005/06	1,247,553	0	1,247,553	1,247,553	0	0	0.83	0
2006/07	1,855,864	172,222	2,028,086	2,176,000	147,914	320,136	0.84	269,158
2007/08	1,554,940	0	1,554,940	1,554,940	0	0	0.85	0
2008/09	1,094,795	32,252	1,127,047	1,546,000	418,953	451,205	0.86	388,658
2009/10	819,131	34,416	853,547	1,462,000	608,453	642,869	0.87	558,994
2010/11	937,000	163,601	1,100,601	1,700,000	599,399	763,000	0.87	667,084
2011/12	862,442	95,890	958,332	1,800,000	841,668	937,558	0.88	822,462
2012/13	327,389	207,355	534,745	1,700,000	1,165,255	1,372,610	0.88	1,209,905
Total	\$60,589,789	\$1,795,400	\$62,385,189	\$66,923,527	\$4,538,336	\$6,333,735		\$5,516,190

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit WC-HC-Indem-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	97.1%	252.0	98.0%	30.0% *	\$909,026	\$272,708	\$636,318	0.92	\$584,906
1994/95	228.0	97.0%	240.0	97.1%	30.0% *	97,528	29,258	68,270	0.92	62,580
1995/96	216.0	96.8%	228.0	97.0%	30.0% *	0	0	0	0.89	0
1996/97	204.0	96.6%	216.0	96.8%	30.0% *	119,864	35,959	83,905	0.86	72,574
1997/98	192.0	96.4%	204.0	96.6%	30.0% *	0	0	0	0.84	0
1998/99	180.0	96.2%	192.0	96.4%	30.0% *	264,569	79,371	185,198	0.82	152,500
1999/00	168.0	95.9%	180.0	96.2%	30.0% *	0	0	0	0.80	0
2000/01	156.0	95.5%	168.0	95.9%	30.0% *	0	0	0	0.79	0
2001/02	144.0	95.1%	156.0	95.5%	30.0% *	0	0	0	0.78	0
2002/03	132.0	94.1%	144.0	95.1%	30.0% *	160,272	48,082	112,190	0.78	87,297
2003/04	120.0	92.7%	132.0	94.1%	30.0% *	123,377	37,013	86,364	0.79	68,117
2004/05	108.0	90.9%	120.0	92.7%	30.0% *	171,721	51,516	120,205	0.80	96,667
2005/06	96.0	88.3%	108.0	90.9%	30.0% *	0	0	0	0.82	0
2006/07	84.0	85.3%	96.0	88.3%	30.0% *	320,136	96,041	224,095	0.83	186,759
2007/08	72.0	80.5%	84.0	85.3%	30.0% *	0	0	0	0.84	0
2008/09	60.0	74.5%	72.0	80.5%	30.0% *	451,205	135,362	315,843	0.85	269,716
2009/10	48.0	65.9%	60.0	74.5%	30.0% *	642,869	192,861	450,008	0.86	387,627
2010/11	36.0	54.9%	48.0	65.9%	30.0% *	763,000	228,900	534,100	0.87	464,416
2011/12	24.0	40.7%	36.0	54.9%	30.0% *	937,558	281,267	656,291	0.87	573,789
2012/13	12.0	20.3%	24.0	40.7%	30.0% *	1,372,610	411,783	960,827	0.88	842,874
2013/14	0.0	0.0%	12.0	20.3%	30.0% *	1,756,000	526,800	1,229,200	0.88	1,083,494
Total						\$8,089,735	\$2,426,921	\$5,662,814		\$4,933,316

* - Limited to a minimum of 30% per actuarial judgment.

(3) and (5) are from Exhibit WC-HC-Indem-2.

(7) to 2012/13 is from Exhibit WC-HC-Indem-11. The amount for 2013/14 is from Exhibit WC-HC-Indem-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	98.0%	264.0	98.6%	30.0% *	\$636,318	\$190,895	\$445,423	0.92	\$410,897
1994/95	240.0	97.1%	252.0	98.0%	30.0% *	68,270	20,481	47,789	0.92	43,928
1995/96	228.0	97.0%	240.0	97.1%	30.0% *	0	0	0	0.92	0
1996/97	216.0	96.8%	228.0	97.0%	30.0% *	83,905	25,172	58,733	0.89	52,157
1997/98	204.0	96.6%	216.0	96.8%	30.0% *	0	0	0	0.86	0
1998/99	192.0	96.4%	204.0	96.6%	30.0% *	185,198	55,559	129,639	0.84	109,350
1999/00	180.0	96.2%	192.0	96.4%	30.0% *	0	0	0	0.82	0
2000/01	168.0	95.9%	180.0	96.2%	30.0% *	0	0	0	0.80	0
2001/02	156.0	95.5%	168.0	95.9%	30.0% *	0	0	0	0.79	0
2002/03	144.0	95.1%	156.0	95.5%	30.0% *	112,190	33,657	78,533	0.78	61,499
2003/04	132.0	94.1%	144.0	95.1%	30.0% *	86,364	25,909	60,455	0.78	47,041
2004/05	120.0	92.7%	132.0	94.1%	30.0% *	120,205	36,062	84,143	0.79	66,365
2005/06	108.0	90.9%	120.0	92.7%	30.0% *	0	0	0	0.80	0
2006/07	96.0	88.3%	108.0	90.9%	30.0% *	224,095	67,229	156,866	0.82	128,305
2007/08	84.0	85.3%	96.0	88.3%	30.0% *	0	0	0	0.83	0
2008/09	72.0	80.5%	84.0	85.3%	30.0% *	315,843	94,753	221,090	0.84	185,884
2009/10	60.0	74.5%	72.0	80.5%	30.0% *	450,008	135,002	315,006	0.85	269,002
2010/11	48.0	65.9%	60.0	74.5%	30.0% *	534,100	160,230	373,870	0.86	322,043
2011/12	36.0	54.9%	48.0	65.9%	30.0% *	656,291	196,887	459,404	0.87	399,466
2012/13	24.0	40.7%	36.0	54.9%	30.0% *	960,827	288,248	672,579	0.87	588,030
2013/14	12.0	20.3%	24.0	40.7%	30.0% *	1,229,200	368,760	860,440	0.88	754,811
2014/15	0.0	0.0%	12.0	20.3%	30.0% *	1,783,000	534,900	1,248,100	0.88	1,100,154
Total						\$7,445,814	\$2,233,744	\$5,212,070		\$4,538,932

* - Limited to a minimum of 30% per actuarial judgment.

(3) and (5) are from Exhibit WC-HC-Indem-2.

(7) to 2013/14 is from Exhibit WC-HC-Indem-12, (9). The amount for 2014/15 is from Exhibit WC-HC-Indem-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	98.6%	276.0	99.0%	30.0% *	\$445,423	\$133,627	\$311,796	0.93	\$288,933
1994/95	252.0	98.0%	264.0	98.6%	30.0% *	47,789	14,337	33,452	0.92	30,859
1995/96	240.0	97.1%	252.0	98.0%	30.0% *	0	0	0	0.92	0
1996/97	228.0	97.0%	240.0	97.1%	30.0% *	58,733	17,620	41,113	0.92	37,686
1997/98	216.0	96.8%	228.0	97.0%	30.0% *	0	0	0	0.89	0
1998/99	204.0	96.6%	216.0	96.8%	30.0% *	129,639	38,892	90,747	0.86	78,492
1999/00	192.0	96.4%	204.0	96.6%	30.0% *	0	0	0	0.84	0
2000/01	180.0	96.2%	192.0	96.4%	30.0% *	0	0	0	0.82	0
2001/02	168.0	95.9%	180.0	96.2%	30.0% *	0	0	0	0.80	0
2002/03	156.0	95.5%	168.0	95.9%	30.0% *	78,533	23,560	54,973	0.79	43,510
2003/04	144.0	95.1%	156.0	95.5%	30.0% *	60,455	18,137	42,318	0.78	33,139
2004/05	132.0	94.1%	144.0	95.1%	30.0% *	84,143	25,243	58,900	0.78	45,831
2005/06	120.0	92.7%	132.0	94.1%	30.0% *	0	0	0	0.79	0
2006/07	108.0	90.9%	120.0	92.7%	30.0% *	156,866	47,060	109,806	0.80	88,304
2007/08	96.0	88.3%	108.0	90.9%	30.0% *	0	0	0	0.82	0
2008/09	84.0	85.3%	96.0	88.3%	30.0% *	221,090	66,327	154,763	0.83	128,978
2009/10	72.0	80.5%	84.0	85.3%	30.0% *	315,006	94,502	220,504	0.84	185,391
2010/11	60.0	74.5%	72.0	80.5%	30.0% *	373,870	112,161	261,709	0.85	223,488
2011/12	48.0	65.9%	60.0	74.5%	30.0% *	459,404	137,821	321,583	0.86	277,004
2012/13	36.0	54.9%	48.0	65.9%	30.0% *	672,579	201,774	470,805	0.87	409,380
2013/14	24.0	40.7%	36.0	54.9%	30.0% *	860,440	258,132	602,308	0.87	526,592
2014/15	12.0	20.3%	24.0	40.7%	30.0% *	1,248,100	374,430	873,670	0.88	766,417
2015/16	0.0	0.0%	12.0	20.3%	30.0% *	1,809,000	542,700	1,266,300	0.88	1,116,197
Total						\$7,021,070	\$2,106,323	\$4,914,747		\$4,280,201

* - Limited to a minimum of 30% per actuarial judgment.

(3) and (5) are from Exhibit WC-HC-Indem-2.

(7) to 2014/15 is from Exhibit WC-HC-Indem-13, (9). The amount for 2015/16 is from Exhibit WC-HC-Indem-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Indem-2.



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

Exhibit WC-HC-Indem-15

Loss Rate and Severity Trend

I. Benefit Level Changes

Effective Date (1)	Benefit Level Change (2)	Cumulative Benefit Level Change (3)
07/01/05	1.002	1.002
07/15/05	1.000	1.002
07/20/05	1.084	1.086
11/16/05	0.923	1.002
01/15/06	1.003	1.005
02/01/06	1.071	1.076
07/01/06	1.002	1.078
07/15/06	1.002	1.081
01/15/07	1.003	1.084
07/01/07	1.002	1.086
07/15/07	1.002	1.088
01/15/08	1.003	1.091
07/01/08	1.003	1.095
07/15/08	1.002	1.097
01/15/09	1.002	1.099
07/01/09	1.001	1.100
07/15/09	1.002	1.102
01/15/10	1.004	1.106
07/01/10	1.001	1.107
07/15/10	1.002	1.110
06/28/11	0.989	1.098
07/01/11	1.001	1.099
09/01/11	0.983	1.080

II. Loss Rate and Severity Trend

Claim Period (1)	Benefit Trend (2013/14 = 1.000) (2)	Residual Trend (2013/14 = 1.000) (3)	Retention Index (2013/14 = 1.000) (4)	Loss Rate Trend (2013/14 = 1.000) (2)X(3)X(4) (5)	Wage Trend (2013/14 = 1.000) (6)	Severity Trend (2013/14 = 1.000) (5)X(6) (7)
2003/04	1.080	1.161	1.000	1.253	1.344	1.685
2004/05	1.050	1.143	1.000	1.201	1.305	1.566
2005/06	1.014	1.126	1.000	1.142	1.267	1.447
2006/07	0.996	1.110	1.000	1.105	1.230	1.359
2007/08	0.988	1.093	1.000	1.080	1.194	1.290
2008/09	0.982	1.077	1.000	1.058	1.159	1.226
2009/10	0.975	1.061	1.000	1.035	1.126	1.165
2010/11	0.982	1.046	1.000	1.026	1.093	1.122
2011/12	1.000	1.030	1.000	1.030	1.061	1.093
2012/13	1.000	1.015	1.000	1.015	1.030	1.045
2013/14	1.000	1.000	1.000	1.000	1.000	1.000
2014/15	1.000	0.985	1.000	0.985	0.971	0.957
2015/16	1.000	0.971	1.000	0.971	0.943	0.915

Section I, (2) and (3) reflect NCCI data.

Section II, (2) is based on Section I, (2).

Section II, (3) is based on 1.5% trend per actuarial judgment.

Section II, (4) is based on industry statistics and actuarial judgment.

Section II, (6) is based on 3% trend.



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

Exhibit WC-HC-Indem-16

Size of Loss Distribution

I. Reported Claim Count

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	4,094	154	102	86	34	27	4,497		
0.01 - 5,000	4,293	74	60	61	80	78	4,646	4,646	73.1%
5,000 - 10,000	527	9	9	10	7	3	565	5,211	82.0%
10,000 - 25,000	532	9	12	12	15	9	589	5,800	91.3%
25,000 - 50,000	253	7	4	8	10	6	288	6,088	95.8%
50,000 - 100,000	142	6	4	4	1	2	159	6,247	98.3%
100,000 - 250,000	79	1	1	2	1	0	84	6,331	99.6%
250,000 - 500,000	16	0	0	0	0	0	16	6,347	99.9%
500,000 - 750,000	7	0	0	0	0	0	7	6,354	100.0%
750,000 - 1,000,000	1	0	0	0	0	0	1	6,355	100.0%
Over 1,000,000	0	0	0	0	0	0	0	6,355	100.0%
Total	9,944	260	192	183	148	125	10,852	6,355	

II. Total Reported Incurred Losses

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
0.01 - 5,000	4,297,704	102,058	73,271	45,167	98,111	56,673	4,672,982	4,672,982	7.5%
5,000 - 10,000	3,776,130	64,883	60,020	67,487	58,212	24,208	4,050,939	8,723,921	14.0%
10,000 - 25,000	8,373,447	152,162	188,813	180,666	224,348	142,033	9,261,469	17,985,390	28.8%
25,000 - 50,000	8,868,094	229,529	120,004	256,851	365,700	198,464	10,038,643	28,024,033	44.9%
50,000 - 100,000	9,810,027	443,569	263,467	305,802	92,590	113,367	11,028,824	39,052,856	62.6%
100,000 - 250,000	12,050,713	134,845	147,971	244,629	119,370	0	12,697,529	51,750,385	83.0%
250,000 - 500,000	5,434,073	0	0	0	0	0	5,434,073	57,184,458	91.7%
500,000 - 750,000	4,329,482	0	0	0	0	0	4,329,482	61,513,940	98.6%
750,000 - 1,000,000	871,249	0	0	0	0	0	871,249	62,385,189	100.0%
Over 1,000,000	0	0	0	0	0	0	0	62,385,189	100.0%
Total	\$57,810,917	\$1,127,047	\$853,547	\$1,100,601	\$958,332	\$534,745	\$62,385,189	\$62,385,189	

Data was provided by the County.



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

Exhibit WC-HC-Med-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	3,038	15	\$9,832,656	\$340,105	\$10,172,761
1994/95	Unlimited	None	228.0	Not Provided	486	2	1,271,336	88,217	1,359,553
1995/96	Unlimited	None	216.0	Not Provided	464	0	631,580	0	631,580
1996/97	Unlimited	None	204.0	Not Provided	435	1	772,325	14,429	786,755
1997/98	Unlimited	None	192.0	Not Provided	600	0	423,474	0	423,474
1998/99	Unlimited	None	180.0	Not Provided	715	1	477,994	39,267	517,260
1999/00	Unlimited	None	168.0	Not Provided	599	0	857,787	0	857,787
2000/01	9,500,000	40,000,000	156.0	404,285	583	0	764,720	0	764,720
2001/02	9,500,000	40,000,000	144.0	411,607	458	0	686,284	0	686,284
2002/03	9,500,000	45,000,000	132.0	418,059	487	1	954,157	4,816	958,973
2003/04	Unlimited	None	120.0	430,838	547	1	1,075,449	0	1,075,449
2004/05	Unlimited	None	108.0	435,632	487	2	1,358,686	28,946	1,387,632
2005/06	Unlimited	None	96.0	441,459	485	0	832,495	0	832,495
2006/07	Unlimited	None	84.0	425,394	300	2	976,814	0	976,814
2007/08	Unlimited	None	72.0	424,893	260	1	824,304	99	824,403
2008/09	Unlimited	None	60.0	476,861	260	4	700,114	14,751	714,865
2009/10	Unlimited	None	48.0	498,064	192	2	461,537	12,464	474,001
2010/11	Unlimited	None	36.0	455,500	183	12	697,630	50,984	748,615
2011/12	Unlimited	None	24.0	480,078	148	20	528,072	147,558	675,630
2012/13	Unlimited	None	12.0	449,829	125	75	86,814	284,572	371,386
Total					10,852	139	\$24,214,228	\$1,026,208	\$25,240,436

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/77	Unlimited
12/01/00	9,500,000
12/01/03	Unlimited

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-HC-Med-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	3,038	15	\$9,832,656	\$340,105	\$10,172,761
1994/95	Unlimited	None	228.0	Not Provided	486	2	1,271,336	88,217	1,359,553
1995/96	Unlimited	None	216.0	Not Provided	464	0	631,580	0	631,580
1996/97	Unlimited	None	204.0	Not Provided	435	1	772,325	14,429	786,755
1997/98	Unlimited	None	192.0	Not Provided	600	0	423,474	0	423,474
1998/99	Unlimited	None	180.0	Not Provided	715	1	477,994	39,267	517,260
1999/00	Unlimited	None	168.0	Not Provided	599	0	857,787	0	857,787
2000/01	Unlimited	40,000,000	156.0	404,285	583	0	764,720	0	764,720
2001/02	Unlimited	40,000,000	144.0	411,607	458	0	686,284	0	686,284
2002/03	Unlimited	45,000,000	132.0	418,059	487	1	954,157	4,816	958,973
2003/04	Unlimited	None	120.0	430,838	547	1	1,075,449	0	1,075,449
2004/05	Unlimited	None	108.0	435,632	487	2	1,358,686	28,946	1,387,632
2005/06	Unlimited	None	96.0	441,459	485	0	832,495	0	832,495
2006/07	Unlimited	None	84.0	425,394	300	2	976,814	0	976,814
2007/08	Unlimited	None	72.0	424,893	260	1	824,304	99	824,403
2008/09	Unlimited	None	60.0	476,861	260	4	700,114	14,751	714,865
2009/10	Unlimited	None	48.0	498,064	192	2	461,537	12,464	474,001
2010/11	Unlimited	None	36.0	455,500	183	12	697,630	50,984	748,615
2011/12	Unlimited	None	24.0	480,078	148	20	528,072	147,558	675,630
2012/13	Unlimited	None	12.0	449,829	125	75	86,814	284,572	371,386
Total					10,852	139	\$24,214,228	\$1,026,208	\$25,240,436

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-HC-Med-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	99.9%	100.0%	100.0%	354.0	99.9%	100.0%	100.0%
348.0	99.9%	100.0%	100.0%	342.0	99.8%	100.0%	100.0%
336.0	99.8%	100.0%	100.0%	330.0	99.8%	100.0%	100.0%
324.0	99.7%	100.0%	100.0%	318.0	99.7%	100.0%	100.0%
312.0	99.6%	100.0%	100.0%	306.0	99.5%	100.0%	100.0%
300.0	99.4%	100.0%	100.0%	294.0	99.3%	100.0%	100.0%
288.0	99.2%	100.0%	100.0%	282.0	99.0%	100.0%	100.0%
276.0	98.8%	100.0%	100.0%	270.0	98.6%	100.0%	100.0%
264.0	98.3%	100.0%	100.0%	258.0	98.0%	100.0%	100.0%
252.0	97.6%	100.0%	100.0%	246.0	97.1%	100.0%	100.0%
240.0	96.6%	100.0%	100.0%	234.0	96.6%	100.0%	100.0%
228.0	96.6%	100.0%	100.0%	222.0	96.6%	100.0%	100.0%
216.0	96.5%	100.0%	100.0%	210.0	96.5%	100.0%	100.0%
204.0	96.4%	100.0%	100.0%	198.0	96.3%	100.0%	100.0%
192.0	96.2%	100.0%	100.0%	186.0	96.1%	100.0%	100.0%
180.0	95.9%	100.0%	100.0%	174.0	95.8%	100.0%	100.0%
168.0	95.6%	100.0%	100.0%	162.0	95.3%	100.0%	100.0%
156.0	95.1%	100.0%	100.0%	150.0	94.8%	100.0%	100.0%
144.0	94.5%	100.0%	100.0%	138.0	94.2%	100.0%	100.0%
132.0	93.9%	100.0%	100.0%	126.0	93.5%	100.0%	100.0%
120.0	93.1%	100.0%	100.0%	114.0	92.7%	100.0%	100.0%
108.0	92.3%	100.0%	100.0%	102.0	91.8%	100.0%	100.0%
96.0	91.4%	99.9%	100.0%	90.0	90.9%	99.8%	100.0%
84.0	90.5%	99.7%	100.0%	78.0	89.8%	99.6%	100.0%
72.0	89.1%	99.4%	100.0%	66.0	88.3%	99.2%	100.0%
60.0	87.4%	99.0%	99.9%	54.0	85.3%	98.5%	99.8%
48.0	83.2%	98.0%	99.7%	42.0	79.4%	97.1%	99.6%
36.0	75.7%	96.1%	99.4%	30.0	69.4%	91.7%	99.2%
24.0	63.0%	87.4%	99.0%	18.0	44.1%	77.3%	97.8%
12.0	25.2%	67.2%	96.6%	6.0	12.6%	33.6%	48.3%

(2) is from Exhibit WC-HC-Med-2 (page 2).

(3) is from Exhibit WC-HC-Med-2 (page 3).

(4) is from Exhibit WC-HC-Med-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



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

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	Months of Development:			60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
			36	48																	
to 1993/04																					
1994/05	218	668	830	907	977	1015	1085	1110	1131	1147	1191	1219	1251	1262	1271	1271	\$9,274	\$9,425	\$9,608	\$9,760	\$9,833
1995/06	224	477	558	586	599	620	622	628	628	628	632	632	632	632	632	632	1,271	1,271	1,271	1,271	
1996/07	185	497	587	656	755	758	761	770	770	772	772	772	772	772	772	772	632	632	632	632	
1997/08	150	359	397	410	410	430	411	412	412	412	423	423	423	423	423	423	423	423	423	423	
1998/09	181	369	410	421	430	439	462	464	471	477	478	478	478	478	478	478	423	423	423	423	
1999/00	248	537	690	791	844	847	857	858	858	858	858	858	858	858	858	858	423	423	423	423	
2000/01	193	489	664	722	739	747	759	764	764	764	765	765	765	765	765	765	423	423	423	423	
2001/02	237	494	554	568	637	686	686	686	686	686	686	686	686	686	686	686	423	423	423	423	
2002/03	385	834	909	924	931	943	952	952	952	952	952	952	952	952	952	952	423	423	423	423	
2003/04	366	735	803	908	934	947	986	1,025	1,046	1,075	954						1,271	1,271	1,271	1,271	
2004/05	474	1,243	1,089	1,243	1,280	1,307	1,326	1,349	1,359								1,271	1,271	1,271	1,271	
2005/06	375	640	690	733	799	830	830	832									1,271	1,271	1,271	1,271	
2006/07	330	844	832	955	967	969	977										1,271	1,271	1,271	1,271	
2007/08	313	652	808	823	795	824											1,271	1,271	1,271	1,271	
2008/09	192	495	604	664	700												1,271	1,271	1,271	1,271	
2009/10	118	310	407	462													1,271	1,271	1,271	1,271	
2010/11	275	576	698														1,271	1,271	1,271	1,271	
2011/12	152	528															1,271	1,271	1,271	1,271	
2012/13	87																1,271	1,271	1,271	1,271	

II. Limited Paid Loss Development

Claim Period	12-24	24-36	Months of Development:			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-Ult
			36-48	48-60																	
to 1993/04																					
1994/05	3,059	1,243	1,093	1,076	1,039	1,070	1,022	1,019	1,019	1,014	1,039	1,023	1,026	1,009	1,007	1,000	1,016	1,019	1,016	1,007	
1995/06	2,126	1,169	1,051	1,021	1,036	1,003	1,010	1,000	1,000	1,000	1,005	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1996/07	2,686	1,120	1,178	1,151	1,004	1,004	1,012	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	
1997/08	2,392	1,108	1,033	0,998	1,002	1,001	1,003	1,000	1,000	1,000	1,027	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1998/09	2,044	1,110	1,027	1,023	1,022	1,052	1,003	1,015	1,015	1,015	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1999/00	2,370	1,177	1,145	1,068	1,003	1,012	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	
2000/01	2,528	1,358	1,087	1,023	1,011	1,016	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	
2001/02	2,086	1,122	1,026	1,121	1,077	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2002/03	2,168	1,090	1,017	1,008	1,013	1,010	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	
2003/04	2,007	1,093	1,131	1,029	1,014	1,041	1,039	1,021	1,007	1,028							1,000	1,000	1,000	1,000	
2004/05	1,928	1,191	1,141	1,030	1,021	1,015	1,017	1,007									1,000	1,000	1,000	1,000	
2005/06	1,706	1,079	1,062	1,090	1,039	1,008	1,003										1,000	1,000	1,000	1,000	
2006/07	2,559	0,986	1,147	1,013	1,002	1,008											1,000	1,000	1,000	1,000	
2007/08	2,083	1,240	1,019	0,965	1,037												1,000	1,000	1,000	1,000	
2008/09	2,573	1,221	1,099	1,054													1,000	1,000	1,000	1,000	
2009/10	2,632	1,312	1,134														1,000	1,000	1,000	1,000	
2010/11	2,093	1,211															1,000	1,000	1,000	1,000	
2011/12	3,471																1,000	1,000	1,000	1,000	
2012/13																	1,000	1,000	1,000	1,000	

Average All	2,362	1,166	1,087	1,045	1,023	1,018	1,010	1,006	1,010	1,009	1,008	1,007	1,006	1,005	1,004	1,003	1,002	1,001	1,001	1,000	1,035
Wtd 3	2,594	1,237	1,072	1,008	1,024	1,009	1,010	1,010	1,010	1,009	1,008	1,007	1,006	1,005	1,004	1,003	1,002	1,001	1,001	1,000	1,035
Last 3	2,732	1,248	1,084	1,011	1,026	1,122	1,020	1,010	1,009	1,004	1,004	1,005	1,058	1,052	1,046	1,042	1,039	1,037	1,036	1,035	1,035
Last 5 x-til low	2,433	1,224	1,086	1,032	1,024	1,011	1,007	1,003	1,000	99.3%	93.1%	93.9%	94.5%	95.1%	95.6%	95.9%	96.2%	96.4%	96.5%	96.6%	96.6%
Similar Previous	2,500	1,200	1,100	1,050	1,020	1,015	1,010	1,010	1,010	1,009	1,008	1,007	1,006	1,005	1,004	1,003	1,002	1,001	1,001	1,000	1,035
Selected Cumulative Percent	2,500	1,200	1,100	1,050	1,020	1,015	1,010	1,010	1,010	1,009	1,008	1,007	1,006	1,005	1,004	1,003	1,002	1,001	1,001	1,000	1,035
	25.2%	1,586	1,322	1,202	87.4%	89.1%	90.5%	91.4%	91.4%	92.3%	93.1%	93.9%	94.5%	95.1%	95.6%	95.9%	96.2%	96.4%	96.5%	96.6%	96.6%

Amounts are limited (net of excess insurance).

Data was provided by the County.



COOK COUNTY, ILLINOIS
WORKERS' COMPENSATION - HEALTH CARE FACILITIES (MEDICAL)
Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	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-Ult
to 1993/04																				
1993/05	1,419	1,238	1,458	1,340	1,304	1,239	1,320	1,381	1,387	1,372	1,444	1,444	1,464	1,564	1,360	\$9,618	\$9,757	\$9,855	\$9,990	\$10,173
1995/06	1,511	1,704	1,722	1,636	1,507	1,531	1,522	1,523	1,448	1,448	1,438	1,438	1,437	638	638	1,360	1,360	1,360	1,360	
1996/07	1,427	1,618	1,453	1,462	1,391	1,590	1,590	1,568	1,560	944	836	836	787	787	787	638	638	632		
1997/08	646	862	892	908	908	911	855	855	712	712	723	723	423	423	423	423	787			
1998/09	688	1,012	1,057	1,079	1,103	1,083	1,073	1,058	1,066	1,066	519	519	517	517	517	517	638			
1999/00	713	1,282	1,364	1,479	1,492	1,463	1,519	1,521	1,521	936	936	858	858	858	858	423	787			
2000/01	1,014	1,442	1,586	1,610	1,582	1,503	1,506	1,505	1,521	791	790	765	765	765	765	517	638			
2001/02	816	1,137	1,185	1,167	1,107	1,133	1,129	690	690	686	686	686	686	686	686	517	638			
2002/03	1,222	1,623	1,701	1,695	1,671	1,673	971	968	957	957	959	959	957	957	957	1,360	1,360			
2003/04	1,095	1,432	1,553	1,566	1,589	974	1,025	1,029	1,051	1,075						1,360	1,360			
2004/05	1,196	1,736	1,925	1,989	1,370	1,345	1,335	1,388	1,388							1,360	1,360			
2005/06	1,332	1,608	1,656	788	852	830	830	832								1,360	1,360			
2006/07	991	1,502	1,093	1,149	996	969	977									1,360	1,360			
2007/08	937	922	1,053	845	796	824										1,360	1,360			
2008/09	715	845	661	682	715											1,360	1,360			
2009/10	415	374	489	474												1,360	1,360			
2010/11	438	663	749													1,360	1,360			
2011/12	350	676														1,360	1,360			
2012/13	371															1,360	1,360			

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	0.873	1.178	0.919	0.973	0.950	1.065	1.046	1.005	0.989	1.053	1.000	1.014	1.068	0.869	1.000	1.014	1.010	1.014	1.018	
1995/06	1.128	1.010	0.950	0.921	1.016	0.984	1.001	0.951	1.000	0.993	1.000	0.999	0.444	1.000	1.000	1.000	1.000	1.000		
1996/07	1.134	0.898	1.006	1.089	0.999	1.000	0.986	0.995	0.605	0.886	1.000	0.991	1.000	1.000	1.000	1.000	0.990			
1997/08	1.334	1.035	1.018	1.000	1.003	0.939	1.000	0.832	1.000	1.015	0.986	1.000	1.000	1.000	1.000	1.000	1.000			
1998/09	1.471	1.045	1.021	1.022	0.982	0.991	0.986	1.009	1.000	0.986	0.986	1.000	1.000	1.000	1.000	1.000	1.000			
1999/00	1.796	1.065	1.084	1.009	0.981	1.038	1.001	1.000	0.615	1.000	0.917	1.000	1.000	1.000	1.000	1.000	1.000			
2000/01	1.422	1.099	1.016	0.982	0.951	1.002	1.000	0.525	0.999	0.968	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
2001/02	1.393	1.042	0.986	0.948	1.024	0.996	0.611	1.000	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
2002/03	1.328	1.048	0.997	0.986	1.001	0.580	0.996	0.989	1.000	1.023	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
2003/04	1.357	1.084	1.014	1.014	0.613	0.992	1.005	1.021	1.023											
2004/05	1.451	1.108	1.033	0.689	0.982	0.992	1.040	1.000												
2005/06	1.207	1.030	0.476	1.082	0.974	1.000	1.003													
2006/07	1.516	0.727	1.052	0.867	0.973	1.008														
2007/08	0.984	1.142	0.802	0.942	1.036															
2008/09	1.183	0.782	1.032	1.048																
2009/10	0.902	1.306	0.970																	
2010/11	1.512	1.130																		
2011/12	1.932																			
2012/13																				
Average All	1.329	1.043	0.961	0.971	0.963	0.974	0.973	0.939	0.923	0.934	0.937	0.993	0.919	0.974	1.000	1.004	1.000	1.007	1.018	
Wtd 3	1.424	1.098	0.908	0.927	0.982	0.989	1.019	1.003	1.008	0.990	0.967	1.000	1.000	1.000	1.000	1.000	1.008	1.000	1.000	
Last 3	1.449	1.072	0.935	0.952	0.994	1.000	1.016	1.004	1.006	0.990	0.972	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Last 5 x-til low	1.226	1.018	0.935	0.952	0.976	1.000	1.001	0.996	0.998	0.969	0.971	1.000	1.000	1.000	1.000	1.000	1.000	1.000	100.0%	100.0%
Similar Previous	1.300	1.100	1.020	1.010	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
Selected	1.300	1.100	1.020	1.010	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
Cumulative	1.488	1.145	1.041	1.020	1.010	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
Percent	67.2%	87.4%	96.1%	98.0%	99.0%	99.4%	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

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

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1993/05				481	482	485	485	485	486	486	486	486	486	486	486	3,038	3,038	3,046	3,038	3,038
1995/06			459	482	483	464	464	464	464	464	464	464	464	464	464	486	486	486	486	486
1996/07			434	435	435	435	435	435	435	435	435	435	435	435	435	464	464	464	464	464
1997/08		430	585	597	599	599	599	599	600	600	600	600	600	600	600	600	600	600	600	600
1998/09			689	707	710	711	711	715	715	715	715	715	715	715	715	715	715	715	715	715
1999/00	583		594	595	596	596	597	598	598	598	599	599	599	599	599	599	599	599	599	599
2000/01	699		561	579	582	582	583	583	583	583	583	583	583	583	583	583	583	583	583	583
2001/02	561		578	582	582	582	583	583	583	583	583	583	583	583	583	583	583	583	583	583
2002/03	462		454	456	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458
2003/04	469		481	486	486	486	487	487	487	487	487	487	487	487	487	487	487	487	487	487
2004/05	537		541	545	545	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547
2005/06	447		486	486	486	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487
2006/07	477		481	483	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485
2007/08	292		299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299
2008/09	256		260	261	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
2009/10	230		234	259	259	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
2010/11	169		191	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192
2011/12	178		183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183
2012/13	145		148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148
2012/13	125																			

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04																				
1994/05				1.002	1.006	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.003	0.997	1.000	
1995/06			1.007	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	
1996/07			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	
1997/08		1.009	1.002	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	
1998/09	1.021		1.004	1.001	1.001	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	
1999/00	1.011		1.004	1.001	1.001	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	
2000/01	1.002		1.000	1.002	1.000	1.002	1.000	1.000	1.002	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2001/02	1.030		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	
2002/03	1.026		1.006	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	
2003/04	1.007		1.007	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	
2004/05	1.087		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2005/06	1.008		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	
2006/07	1.024		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	
2007/08	1.012		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	
2008/09	1.017		1.107	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2009/10	1.124		1.005	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	
2010/11	1.028		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2011/12	1.021																			
2012/13																				
Average All	1.028	1.010	1.003	1.001	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	0.999	1.000	
Wtd 3	1.059	1.043	1.003	1.000	1.001	0.999	1.000	1.001	1.000	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.002	1.000	1.000	
Last 3	1.058	1.037	1.003	1.000	1.001	0.999	1.000	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	
Last 5 x-til low	1.022	1.003	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	1.001	1.000	1.000	
Similar Previous	1.025	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	
Selected	1.025	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	
Cumulative	1.035	1.010	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	
Percent	96.6%	99.0%	99.4%	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Data was provided by the County.

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

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	15.4%	53.9%	56.9%	67.7%	74.9%	81.9%	82.2%	80.4%	81.5%	83.6%	82.5%	84.4%	85.4%	80.7%	93.5%	96.4%	96.6%	97.5%	97.7%	96.7%
1995/06	14.9%	28.0%	32.4%	35.8%	39.7%	40.5%	40.9%	41.3%	43.4%	43.4%	43.9%	43.9%	44.0%	99.0%	99.0%	99.5%	99.5%	99.5%	99.5%	
1996/07	13.0%	30.7%	36.5%	44.9%	47.4%	47.7%	47.8%	49.1%	49.4%	81.8%	43.4%	43.9%	44.0%	99.0%	99.0%	99.5%	99.5%	99.5%	99.5%	
1997/08	23.2%	41.6%	44.6%	45.2%	45.2%	45.1%	48.1%	48.2%	58.0%	58.0%	58.4%	58.4%	58.4%	98.2%	98.2%	98.2%	98.2%	98.2%	98.2%	
1998/09	26.2%	36.4%	38.7%	39.0%	39.0%	40.6%	43.1%	43.8%	44.2%	58.0%	58.4%	58.4%	58.4%	98.2%	98.2%	98.2%	98.2%	98.2%	98.2%	
1999/00	34.7%	45.8%	50.6%	53.5%	56.6%	57.9%	56.4%	56.4%	56.4%	91.7%	91.7%	91.7%	91.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2000/01	19.1%	33.9%	41.9%	44.9%	46.7%	49.7%	50.4%	50.7%	56.6%	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2001/02	29.0%	43.4%	46.8%	48.7%	57.6%	60.6%	60.8%	69.5%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2002/03	31.5%	51.4%	53.4%	54.5%	55.7%	56.4%	68.1%	98.4%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	
2003/04	34.7%	51.3%	51.7%	58.0%	58.8%	57.3%	96.2%	99.5%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2004/05	39.6%	52.7%	56.6%	62.5%	62.5%	62.5%	93.4%	97.2%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	
2005/06	28.1%	39.8%	41.7%	93.1%	93.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2006/07	33.3%	56.2%	76.2%	83.1%	97.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2007/08	33.4%	70.7%	97.5%	97.4%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	
2008/09	26.9%	58.5%	91.4%	97.4%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	
2009/10	28.4%	82.8%	83.3%	97.4%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	
2010/11	62.8%	87.0%	93.2%	97.4%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	97.9%	
2011/12	43.5%	78.2%																		
2012/13	23.4%																			

Average

All	29.5%	52.4%	57.3%	63.9%	66.9%	69.6%	71.0%	72.1%	75.1%	79.9%	84.5%	89.1%	88.6%	95.1%	96.6%	97.4%	96.8%	97.0%	95.6%	96.7%
Last 3	43.2%	82.7%	89.3%	97.4%	98.3%	100.0%	99.8%	98.9%	99.0%	99.8%	99.8%	100.0%	97.5%	97.5%	96.9%	99.1%	96.9%	97.0%	95.6%	96.7%
Last 5	32.9%	77.2%	83.8%	95.9%	96.3%	99.1%	99.1%	99.2%	99.0%	98.7%	97.2%	100.0%	99.4%	99.1%	96.9%	97.9%	96.9%	97.0%	95.6%	96.6%
x-high																				
Implicit	37.5%	72.2%	78.7%	84.9%	88.3%	89.7%	90.7%	91.5%	92.3%	93.1%	93.9%	94.5%	95.1%	95.6%	95.9%	96.2%	96.4%	96.5%	96.6%	96.6%



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

Exhibit WC-HC-Med-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$9,832,656	96.6%	\$10,176,799
1994/95	228.0	1,271,336	96.6%	1,315,833
1995/96	216.0	631,580	96.5%	654,339
1996/97	204.0	772,325	96.4%	800,956
1997/98	192.0	423,474	96.2%	440,051
1998/99	180.0	477,994	95.9%	498,195
1999/00	168.0	857,787	95.6%	897,615
2000/01	156.0	764,720	95.1%	804,228
2001/02	144.0	686,284	94.5%	726,071
2002/03	132.0	954,157	93.9%	1,016,539
2003/04	120.0	1,075,449	93.1%	1,154,927
2004/05	108.0	1,358,686	92.3%	1,472,228
2005/06	96.0	832,495	91.4%	911,085
2006/07	84.0	976,814	90.5%	1,079,718
2007/08	72.0	824,304	89.1%	924,810
2008/09	60.0	700,114	87.4%	801,187
2009/10	48.0	461,537	83.2%	554,576
2010/11	36.0	697,630	75.7%	922,088
2011/12	24.0	528,072	63.0%	837,570
2012/13	12.0	86,814	25.2%	344,239

(3) is from Exhibit WC-HC-Med-1.

(4) is from Exhibit WC-HC-Med-2.



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

Exhibit WC-HC-Med-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$10,172,761	100.0%	\$10,172,761
1994/95	228.0	1,359,553	100.0%	1,359,553
1995/96	216.0	631,580	100.0%	631,580
1996/97	204.0	786,755	100.0%	786,755
1997/98	192.0	423,474	100.0%	423,474
1998/99	180.0	517,260	100.0%	517,260
1999/00	168.0	857,787	100.0%	857,787
2000/01	156.0	764,720	100.0%	764,720
2001/02	144.0	686,284	100.0%	686,284
2002/03	132.0	958,973	100.0%	958,973
2003/04	120.0	1,075,449	100.0%	1,075,449
2004/05	108.0	1,387,632	100.0%	1,387,632
2005/06	96.0	832,495	99.9%	833,328
2006/07	84.0	976,814	99.7%	979,746
2007/08	72.0	824,403	99.4%	829,358
2008/09	60.0	714,865	99.0%	722,039
2009/10	48.0	474,001	98.0%	483,546
2010/11	36.0	748,615	96.1%	778,962
2011/12	24.0	675,630	87.4%	773,321
2012/13	12.0	371,386	67.2%	552,612

(3) is from Exhibit WC-HC-Med-1.

(4) is from Exhibit WC-HC-Med-2.



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

Exhibit WC-HC-Med-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	96.6%	100.0%	100.0%	\$9,832,656	\$340,105	\$10,172,761
1994/95	228.0	96.6%	100.0%	100.0%	1,271,336	88,217	1,359,553
1995/96	216.0	96.5%	100.0%	100.0%	631,580	0	631,580
1996/97	204.0	96.4%	100.0%	100.0%	772,325	14,429	786,755
1997/98	192.0	96.2%	100.0%	100.0%	423,474	0	423,474
1998/99	180.0	95.9%	100.0%	100.0%	477,994	39,267	517,260
1999/00	168.0	95.6%	100.0%	100.0%	857,787	0	857,787
2000/01	156.0	95.1%	100.0%	100.0%	764,720	0	764,720
2001/02	144.0	94.5%	100.0%	100.0%	686,284	0	686,284
2002/03	132.0	93.9%	100.0%	100.0%	954,157	4,816	958,973
2003/04	120.0	93.1%	100.0%	100.0%	1,075,449	0	1,075,449
2004/05	108.0	92.3%	100.0%	100.0%	1,358,686	28,946	1,387,632
2005/06	96.0	91.4%	99.9%	98.8%	832,495	0	832,495
2006/07	84.0	90.5%	99.7%	96.9%	976,814	0	976,814
2007/08	72.0	89.1%	99.4%	94.5%	824,304	99	824,408
2008/09	60.0	87.4%	99.0%	92.1%	700,114	14,751	716,126
2009/10	48.0	83.2%	98.0%	88.2%	461,537	12,464	475,663
2010/11	36.0	75.7%	96.1%	84.0%	697,630	50,984	758,329
2011/12	24.0	63.0%	87.4%	65.8%	528,072	147,558	752,279
2012/13	12.0	25.2%	67.2%	56.1%	86,814	284,572	593,657

(3) and (4) are from Exhibit WC-HC-Med-2.

(6) and (7) are from Exhibit WC-HC-Med-1.



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

Exhibit WC-HC-Med-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$10,176,799	\$10,172,761	\$10,172,761	\$10,206,771
1994/95	1,315,833	1,359,553	1,359,553	1,368,375
1995/96	654,339	631,580	631,580	631,580
1996/97	800,956	786,755	786,755	800,956
1997/98	440,051	423,474	423,474	423,474
1998/99	498,195	517,260	517,260	521,187
1999/00	897,615	857,787	857,787	857,787
2000/01	804,228	764,720	764,720	764,720
2001/02	726,071	686,284	686,284	686,284
2002/03	1,016,539	958,973	958,973	1,016,539
2003/04	1,154,927	1,075,449	1,075,449	1,075,449
2004/05	1,472,228	1,387,632	1,387,632	1,472,228
2005/06	911,085	833,328	832,495	832,495
2006/07	1,079,718	979,746	976,814	976,814
2007/08	924,810	829,358	824,408	924,810
2008/09	801,187	722,039	716,126	801,187
2009/10	554,576	483,546	475,663	554,576
2010/11	922,088	778,962	758,329	922,088
2011/12	837,570	773,321	752,279	837,570
2012/13	344,239	552,612	593,657	399,844

(2) is from Exhibit WC-HC-Med-3.

(3) is from Exhibit WC-HC-Med-4.

(4) is from Exhibit WC-HC-Med-5.

(5) is based on (2) to (4) and actuarial judgment.



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

Exhibit WC-HC-Med-7

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)X10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	Projected A-priori Loss Rate per \$100 of Payroll (7)/(5) (8)
2003/04	\$1,075,449	\$430,838	\$0.25	1.446	\$0.36	\$0.18
2004/05	1,472,228	435,632	0.34	1.391	0.47	0.19
2005/06	832,495	441,459	0.19	1.344	0.25	0.19
2006/07	976,814	425,394	0.23	1.262	0.29	0.20
2007/08	924,810	424,893	0.22	1.191	0.26	0.22
2008/09	801,187	476,861	0.17	1.071	0.18	0.24
2009/10	554,576	498,064	0.11	1.027	0.11	0.25
2010/11	922,088	455,500	0.20	1.012	0.20	0.25
2011/12	837,570	480,078	0.17	1.083	0.19	0.24
2012/13	399,844	449,829	0.09	1.040	0.09	0.25

(7) Projected 2013/14 a-priori loss rate per \$100 of Payroll \$0.26

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$700,114	87.4%	\$0.24	\$476,861	\$144,838	\$844,952
2009/10	461,537	83.2%	0.25	498,064	209,818	671,356
2010/11	697,630	75.7%	0.25	455,500	282,513	980,144
2011/12	528,072	63.0%	0.24	480,078	422,583	950,655
2012/13	86,814	25.2%	0.25	449,829	834,406	921,220

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$714,865	99.0%	\$0.24	\$476,861	\$11,407	\$726,272
2009/10	474,001	98.0%	0.25	498,064	24,686	498,687
2010/11	748,615	96.1%	0.25	455,500	45,215	793,830
2011/12	675,630	87.4%	0.24	480,078	144,467	820,097
2012/13	371,386	67.2%	0.25	449,829	365,920	737,306

Section I, (2) is from Exhibit WC-HC-Med-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit WC-HC-Med-10.

Section I, (5) is from Exhibit WC-HC-Med-15.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit WC-HC-Med-1.

Sections II and III, (3) are from Exhibit WC-HC-Med-2.

Sections II and III, (4) are from Section I, (8).



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

Exhibit WC-HC-Med-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Payroll (000) (6)	Frequency (per \$1M of Payroll) (5)/(6)X1,000 (7)
2003/04	120.0	547	100.0%	547	\$430,838	1.27
2004/05	108.0	487	100.0%	487	435,632	1.12
2005/06	96.0	485	100.0%	485	441,459	1.10
2006/07	84.0	300	100.0%	300	425,394	0.71
2007/08	72.0	260	100.0%	260	424,893	0.61
2008/09	60.0	260	99.9%	260	476,861	0.55
2009/10	48.0	192	99.7%	193	498,064	0.39
2010/11	36.0	183	99.4%	184	455,500	0.40
2011/12	24.0	148	99.0%	149	480,078	0.31
2012/13	12.0	125	96.6%	129	449,829	0.29

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$1,075,449	547	\$1,966	1.944	\$3,821	\$2,372	\$1,297,603
2004/05	1,472,228	487	3,023	1.814	5,485	2,541	1,237,525
2005/06	832,495	485	1,716	1.702	2,922	2,708	1,313,591
2006/07	976,814	300	3,256	1.552	5,054	2,970	891,096
2007/08	924,810	260	3,557	1.422	5,060	3,241	842,712
2008/09	801,187	260	3,081	1.242	3,828	3,712	965,055
2009/10	554,576	193	2,873	1.156	3,323	3,987	769,552
2010/11	922,088	184	5,011	1.106	5,544	4,167	766,777
2011/12	837,570	149	5,621	1.149	6,458	4,013	597,930
2012/13	399,844	129	3,100	1.071	3,320	4,304	555,222
(7) Projected 2013/14 average claim severity					\$4,610		

Section I, (3) is from Exhibit WC-HC-Med-1.

Section I, (4) is from Exhibit WC-HC-Med-2.

Section I, (6) is from Exhibit WC-HC-Med-10.

Section II, (2) is from Exhibit WC-HC-Med-6.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit WC-HC-Med-15.

Section II, (7) is based on (6) and actuarial judgment.



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

Exhibit WC-HC-Med-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (9)
to 1993/94	\$10,176,799	\$10,172,761	\$10,172,761				\$10,157,030	\$10,207,000
1994/95	1,315,833	1,359,553	1,359,553				1,368,353	1,368,375
1995/96	654,339	631,580	631,580				638,251	631,580
1996/97	800,956	786,755	786,755				788,198	801,000
1997/98	440,051	423,474	423,474				423,474	423,474
1998/99	498,195	517,260	517,260				521,187	521,187
1999/00	897,615	857,787	857,787				857,787	857,787
2000/01	804,228	764,720	764,720				764,720	764,720
2001/02	726,071	686,284	686,284				686,284	686,284
2002/03	1,016,539	958,973	958,973				958,000	1,017,000
2003/04	1,154,927	1,075,449	1,075,449				1,051,483	1,075,449
2004/05	1,472,228	1,387,632	1,387,632				1,441,000	1,472,000
2005/06	911,085	833,328	832,495				883,000	832,495
2006/07	1,079,718	979,746	976,814				969,359	976,814
2007/08	924,810	829,358	824,408				866,000	925,000
2008/09	801,187	722,039	716,126	844,952	726,272	965,055	755,000	845,000
2009/10	554,576	483,546	475,663	671,356	498,687	769,552	700,000	671,000
2010/11	922,088	778,962	758,329	980,144	793,830	766,777	900,000	900,000
2011/12	837,570	773,321	752,279	950,655	820,097	597,930	1,100,000	1,000,000
2012/13	344,239	552,612	593,657	921,220	737,306	555,222	1,315,000	1,100,000

(2) is from Exhibit WC-HC-Med-3.

(3) is from Exhibit WC-HC-Med-4.

(4) is from Exhibit WC-HC-Med-5.

(5) and (6) are from Exhibit WC-HC-Med-7.

(7) is from Exhibit WC-HC-Med-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



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

Exhibit WC-HC-Med-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)/10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)
2003/04	\$1,075,449	\$430,838	\$0.25	1.446	\$0.36
2004/05	1,472,000	435,632	0.34	1.391	0.47
2005/06	832,495	441,459	0.19	1.344	0.25
2006/07	976,814	425,394	0.23	1.262	0.29
2007/08	925,000	424,893	0.22	1.191	0.26
2008/09	845,000	476,861	0.18	1.071	0.19
2009/10	671,000	498,064	0.13	1.027	0.14
2010/11	900,000	455,500	0.20	1.012	0.20
2011/12	1,000,000	480,078	0.21	1.083	0.23
2012/13	1,100,000	449,829	0.24	1.040	0.25
Total	\$9,797,757	\$4,518,547	\$0.22		\$0.26

Claim Period (1)	Projected Limited Loss Rate per \$100 of Payroll (7)	Projected Payroll (000) (8)	Projected Ultimate Limited Losses (7)X(8)X10 (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per \$100 of Payroll (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11)X10 (12)
2013/14	\$0.27	\$445,366	\$1,181,000	0.91	\$0.24	\$1,071,000
2014/15	0.28	445,366	1,229,000	0.91	0.25	1,114,000
2015/16	0.29	445,366	1,278,000	0.91	0.26	1,159,000

(2) is from Exhibit WC-HC-Med-9.

(3) was provided by the County.

(5) is from Exhibit WC-HC-Med-15.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus the trend in Exhibit WC-HC-Med-15.

(8) to 2013/14 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Med-2.



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

Exhibit WC-HC-Med-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$9,832,656	\$340,105	\$10,172,761	\$10,207,000	\$34,239	\$374,344	0.92	\$343,145
1994/95	1,271,336	88,217	1,359,553	1,368,375	8,822	97,039	0.88	85,860
1995/96	631,580	0	631,580	631,580	0	0	0.86	0
1996/97	772,325	14,429	786,755	801,000	14,245	28,674	0.83	23,863
1997/98	423,474	0	423,474	423,474	0	0	0.81	0
1998/99	477,994	39,267	517,260	521,187	3,927	43,194	0.80	34,505
1999/00	857,787	0	857,787	857,787	0	0	0.79	0
2000/01	764,720	0	764,720	764,720	0	0	0.78	0
2001/02	686,284	0	686,284	686,284	0	0	0.78	0
2002/03	954,157	4,816	958,973	1,017,000	58,027	62,843	0.78	48,911
2003/04	1,075,449	0	1,075,449	1,075,449	0	0	0.78	0
2004/05	1,358,686	28,946	1,387,632	1,472,000	84,368	113,314	0.78	87,823
2005/06	832,495	0	832,495	832,495	0	0	0.77	0
2006/07	976,814	0	976,814	976,814	0	0	0.77	0
2007/08	824,304	99	824,403	925,000	100,597	100,696	0.77	77,745
2008/09	700,114	14,751	714,865	845,000	130,135	144,886	0.78	112,774
2009/10	461,537	12,464	474,001	671,000	196,999	209,463	0.81	169,451
2010/11	697,630	50,984	748,615	900,000	151,385	202,369	0.84	170,754
2011/12	528,072	147,558	675,630	1,000,000	324,370	471,928	0.87	411,492
2012/13	86,814	284,572	371,386	1,100,000	728,614	1,013,186	0.91	925,011
Total	\$24,214,228	\$1,026,208	\$25,240,436	\$27,076,164	\$1,835,728	\$2,861,936		\$2,491,334

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit WC-HC-Med-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Med-2.



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

Exhibit WC-HC-Med-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	96.6%	252.0	97.6%	20.0% *	\$374,344	\$74,869	\$299,475	0.92	\$275,279
1994/95	228.0	96.6%	240.0	96.6%	20.0% *	97,039	19,408	77,631	0.92	71,161
1995/96	216.0	96.5%	228.0	96.6%	2.8% *	0	0	0	0.88	0
1996/97	204.0	96.4%	216.0	96.5%	2.7% *	28,674	773	27,901	0.86	23,931
1997/98	192.0	96.2%	204.0	96.4%	5.1% *	0	0	0	0.83	0
1998/99	180.0	95.9%	192.0	96.2%	7.1% *	43,194	3,066	40,128	0.81	32,611
1999/00	168.0	95.6%	180.0	95.9%	8.6% *	0	0	0	0.80	0
2000/01	156.0	95.1%	168.0	95.6%	9.7% *	0	0	0	0.79	0
2001/02	144.0	94.5%	156.0	95.1%	10.3% *	0	0	0	0.78	0
2002/03	132.0	93.9%	144.0	94.5%	10.7% *	62,843	6,728	56,115	0.78	43,799
2003/04	120.0	93.1%	132.0	93.9%	10.8% *	0	0	0	0.78	0
2004/05	108.0	92.3%	120.0	93.1%	10.8% *	113,314	12,204	101,110	0.78	78,526
2005/06	96.0	91.4%	108.0	92.3%	10.6% *	0	0	0	0.78	0
2006/07	84.0	90.5%	96.0	91.4%	9.5% *	0	0	0	0.77	0
2007/08	72.0	89.1%	84.0	90.5%	12.3% *	100,696	12,388	88,308	0.77	67,908
2008/09	60.0	87.4%	72.0	89.1%	13.9% *	144,886	20,072	124,814	0.77	96,366
2009/10	48.0	83.2%	60.0	87.4%	20.0% *	209,463	41,893	167,570	0.78	130,431
2010/11	36.0	75.7%	48.0	83.2%	20.0% *	202,369	40,474	161,895	0.81	130,970
2011/12	24.0	63.0%	36.0	75.7%	20.0% *	471,928	94,386	377,542	0.84	318,561
2012/13	12.0	25.2%	24.0	63.0%	20.0% *	1,013,186	202,637	810,549	0.87	706,749
2013/14	0.0	0.0%	12.0	25.2%	20.0% *	1,181,000	236,200	944,800	0.91	862,576
Total						\$4,042,936	\$765,098	\$3,277,838		\$2,838,868

* - Limited to a maximum of 20% per actuarial judgment.

(3) and (5) are from Exhibit WC-HC-Med-2.

(7) to 2012/13 is from Exhibit WC-HC-Med-11. The amount for 2013/14 is from Exhibit WC-HC-Med-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Med-2.



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

Exhibit WC-HC-Med-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	97.6%	264.0	98.3%	20.0% *	\$299,475	\$59,895	\$239,580	0.92	\$221,009
1994/95	240.0	96.6%	252.0	97.6%	20.0% *	77,631	15,526	62,105	0.92	57,087
1995/96	228.0	96.6%	240.0	96.6%	20.0% *	0	0	0	0.92	0
1996/97	216.0	96.5%	228.0	96.6%	2.8% *	27,901	774	27,127	0.88	24,002
1997/98	204.0	96.4%	216.0	96.5%	2.7% *	0	0	0	0.86	0
1998/99	192.0	96.2%	204.0	96.4%	5.1% *	40,128	2,050	38,078	0.83	31,689
1999/00	180.0	95.9%	192.0	96.2%	7.1% *	0	0	0	0.81	0
2000/01	168.0	95.6%	180.0	95.9%	8.6% *	0	0	0	0.80	0
2001/02	156.0	95.1%	168.0	95.6%	9.7% *	0	0	0	0.79	0
2002/03	144.0	94.5%	156.0	95.1%	10.3% *	56,115	5,808	50,307	0.78	39,440
2003/04	132.0	93.9%	144.0	94.5%	10.7% *	0	0	0	0.78	0
2004/05	120.0	93.1%	132.0	93.9%	10.8% *	101,110	10,945	90,165	0.78	70,176
2005/06	108.0	92.3%	120.0	93.1%	10.8% *	0	0	0	0.78	0
2006/07	96.0	91.4%	108.0	92.3%	10.6% *	0	0	0	0.78	0
2007/08	84.0	90.5%	96.0	91.4%	9.5% *	88,308	8,383	79,925	0.77	61,799
2008/09	72.0	89.1%	84.0	90.5%	12.3% *	124,814	15,355	109,459	0.77	84,173
2009/10	60.0	87.4%	72.0	89.1%	13.9% *	167,570	23,215	144,355	0.77	111,453
2010/11	48.0	83.2%	60.0	87.4%	20.0% *	161,895	32,379	129,516	0.78	100,811
2011/12	36.0	75.7%	48.0	83.2%	20.0% *	377,542	75,508	302,034	0.81	244,339
2012/13	24.0	63.0%	36.0	75.7%	20.0% *	810,549	162,110	648,439	0.84	547,137
2013/14	12.0	25.2%	24.0	63.0%	20.0% *	944,800	188,960	755,840	0.87	659,046
2014/15	0.0	0.0%	12.0	25.2%	20.0% *	1,229,000	245,800	983,200	0.91	897,634
Total						\$4,506,838	\$846,708	\$3,660,130		\$3,149,795

* - Limited to a maximum of 20% per actuarial judgment.

(3) and (5) are from Exhibit WC-HC-Med-2.

(7) to 2013/14 is from Exhibit WC-HC-Med-12, (9). The amount for 2014/15 is from Exhibit WC-HC-Med-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Med-2.



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

Exhibit WC-HC-Med-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	98.3%	276.0	98.8%	20.0% *	\$239,580	\$47,916	\$191,664	0.93	\$177,610
1994/95	252.0	97.6%	264.0	98.3%	20.0% *	62,105	12,421	49,684	0.92	45,833
1995/96	240.0	96.6%	252.0	97.6%	20.0% *	0	0	0	0.92	0
1996/97	228.0	96.6%	240.0	96.6%	20.0% *	27,127	5,425	21,702	0.92	19,893
1997/98	216.0	96.5%	228.0	96.6%	2.8% *	0	0	0	0.88	0
1998/99	204.0	96.4%	216.0	96.5%	2.7% *	38,078	1,027	37,051	0.86	31,779
1999/00	192.0	96.2%	204.0	96.4%	5.1% *	0	0	0	0.83	0
2000/01	180.0	95.9%	192.0	96.2%	7.1% *	0	0	0	0.81	0
2001/02	168.0	95.6%	180.0	95.9%	8.6% *	0	0	0	0.80	0
2002/03	156.0	95.1%	168.0	95.6%	9.7% *	50,307	4,869	45,438	0.79	35,882
2003/04	144.0	94.5%	156.0	95.1%	10.3% *	0	0	0	0.78	0
2004/05	132.0	93.9%	144.0	94.5%	10.7% *	90,165	9,654	80,511	0.78	62,840
2005/06	120.0	93.1%	132.0	93.9%	10.8% *	0	0	0	0.78	0
2006/07	108.0	92.3%	120.0	93.1%	10.8% *	0	0	0	0.78	0
2007/08	96.0	91.4%	108.0	92.3%	10.6% *	79,925	8,466	71,459	0.78	55,384
2008/09	84.0	90.5%	96.0	91.4%	9.5% *	109,459	10,390	99,069	0.77	76,602
2009/10	72.0	89.1%	84.0	90.5%	12.3% *	144,355	17,759	126,596	0.77	97,351
2010/11	60.0	87.4%	72.0	89.1%	13.9% *	129,516	17,943	111,573	0.77	86,143
2011/12	48.0	83.2%	60.0	87.4%	20.0% *	302,034	60,407	241,627	0.78	188,074
2012/13	36.0	75.7%	48.0	83.2%	20.0% *	648,439	129,688	518,751	0.81	419,659
2013/14	24.0	63.0%	36.0	75.7%	20.0% *	755,840	151,168	604,672	0.84	510,207
2014/15	12.0	25.2%	24.0	63.0%	20.0% *	983,200	196,640	786,560	0.87	685,832
2015/16	0.0	0.0%	12.0	25.2%	20.0% *	1,278,000	255,600	1,022,400	0.91	933,423
Total						\$4,938,130	\$929,373	\$4,008,757		\$3,426,512

* - Limited to a maximum of 20% per actuarial judgment.

(3) and (5) are from Exhibit WC-HC-Med-2.

(7) to 2014/15 is from Exhibit WC-HC-Med-13, (9). The amount for 2015/16 is from Exhibit WC-HC-Med-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-HC-Med-2.



Loss Rate and Severity Trend

I. Benefit Level Changes

Effective Date (1)	Benefit Level Change (2)	Cumulative Benefit Level Change (3)
02/01/06	0.995	0.995
01/01/07	1.026	1.021
01/01/08	1.018	1.039
01/01/09	1.029	1.069
02/01/09	1.048	1.121
01/01/10	0.992	1.112
01/01/11	1.015	1.128
09/01/11	0.853	0.963
01/01/12	1.015	0.977

II. Loss Rate and Severity Trend

Claim Period (1)	Benefit Trend (2013/14 = 1.000) (2)	Residual Trend (2013/14 = 1.000) (3)	Retention Index (2013/14 = 1.000) (4)	Loss Rate Trend (2013/14 = 1.000) (2)X(3)X(4) (5)	Wage Trend (2013/14 = 1.000) (6)	Severity Trend (2013/14 = 1.000) (5)X(6) (7)
2003/04	0.977	1.480	1.000	1.446	1.344	1.944
2004/05	0.977	1.423	1.000	1.391	1.305	1.814
2005/06	0.982	1.369	1.000	1.344	1.267	1.702
2006/07	0.959	1.316	1.000	1.262	1.230	1.552
2007/08	0.941	1.265	1.000	1.191	1.194	1.422
2008/09	0.881	1.217	1.000	1.071	1.159	1.242
2009/10	0.878	1.170	1.000	1.027	1.126	1.156
2010/11	0.900	1.125	1.000	1.012	1.093	1.106
2011/12	1.001	1.082	1.000	1.083	1.061	1.149
2012/13	1.000	1.040	1.000	1.040	1.030	1.071
2013/14	1.000	1.000	1.000	1.000	1.000	1.000
2014/15	1.000	0.962	1.000	0.962	0.971	0.934
2015/16	1.000	0.925	1.000	0.925	0.943	0.871

Section I, (2) and (3) reflect NCCI data.

Section II, (2) is based on Section I, (2).

Section II, (3) is based on 4% trend per actuarial judgment.

Section II, (4) is based on industry statistics and actuarial judgment.

Section II, (6) is based on 3% trend.



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

Exhibit WC-HC-Med-16

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
894134	7/23/1991	to 1993/94	Unlimited	\$1,072,181	\$152,819	\$1,225,000

The claim(s) indicated by a '**' have been limited in development.

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



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

Exhibit WC-HC-Med-17

Size of Loss Distribution

I. Reported Claim Count

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	5,829	145	110	108	86	37	6,315		
0.01 - 5,000	3,348	97	70	44	37	70	3,666	3,666	80.8%
5,000 - 10,000	288	2	5	12	7	8	322	3,988	87.9%
10,000 - 25,000	296	6	2	9	12	6	331	4,319	95.2%
25,000 - 50,000	115	7	2	7	2	4	137	4,456	98.2%
50,000 - 100,000	48	3	2	2	3	0	58	4,514	99.5%
100,000 - 250,000	15	0	1	1	1	0	18	4,532	99.9%
250,000 - 500,000	3	0	0	0	0	0	3	4,535	100.0%
500,000 - 750,000	1	0	0	0	0	0	1	4,536	100.0%
750,000 - 1,000,000	0	0	0	0	0	0	0	4,536	100.0%
Over 1,000,000	1	0	0	0	0	0	1	4,537	100.0%
Total	9,944	260	192	183	148	125	10,852	4,537	

II. Total Reported Incurred Losses

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
0.01 - 5,000	3,398,558	108,368	84,050	44,104	45,030	114,716	3,794,825	3,794,825	15.0%
5,000 - 10,000	2,013,300	11,407	37,921	81,887	55,851	52,475	2,252,840	6,047,666	24.0%
10,000 - 25,000	4,707,440	95,763	26,813	152,001	198,127	76,748	5,256,892	11,304,558	44.8%
25,000 - 50,000	4,015,109	299,446	70,175	244,448	61,382	127,448	4,818,009	16,122,566	63.9%
50,000 - 100,000	3,229,564	199,881	103,692	119,030	177,550	0	3,829,718	19,952,284	79.0%
100,000 - 250,000	2,032,302	0	151,350	107,145	137,690	0	2,428,486	22,380,770	88.7%
250,000 - 500,000	1,097,863	0	0	0	0	0	1,097,863	23,478,633	93.0%
500,000 - 750,000	536,803	0	0	0	0	0	536,803	24,015,436	95.1%
750,000 - 1,000,000	0	0	0	0	0	0	0	24,015,436	95.1%
Over 1,000,000	1,225,000	0	0	0	0	0	1,225,000	25,240,436	100.0%
Total	\$22,255,938	\$714,865	\$474,001	\$748,615	\$675,630	\$371,386	\$25,240,436	\$25,240,436	

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	6	0	\$258,600	\$0	\$258,600
1994/95	Unlimited	None	228.0	Not Provided	0	0	0	0	0
1995/96	Unlimited	None	216.0	Not Provided	2	0	8,000,000	0	8,000,000
1996/97	Unlimited	None	204.0	Not Provided	1	0	0	0	0
1997/98	Unlimited	None	192.0	Not Provided	3	0	503,400	0	503,400
1998/99	Unlimited	None	180.0	Not Provided	2	0	50,000	0	50,000
1999/00	Unlimited	None	168.0	Not Provided	4	0	2,250,000	0	2,250,000
2000/01	10,000,000	25,000,000	156.0	Not Provided	11	0	950,000	0	950,000
2001/02	15,000,000	50,000,000	144.0	Not Provided	21	0	1,213,000	0	1,213,000
2002/03	20,000,000	80,000,000	132.0	Not Provided	10	0	22,000	0	22,000
2003/04	20,000,000	None	120.0	813	12	0	3,408,500	0	3,408,500
2004/05	20,000,000	None	108.0	775	12	0	18,000	0	18,000
2005/06	20,000,000	None	96.0	752	22	0	1,028,000	0	1,028,000
2006/07	20,000,000	None	84.0	625	16	2	16,100	230,000	246,100
2007/08	20,000,000	None	72.0	Not Provided	11	0	1,125,000	0	1,125,000
2008/09	20,000,000	None	60.0	Not Provided	0	0	0	0	0
2009/10	40,000,000	None	48.0	Not Provided	3	3	0	1,200,000	1,200,000
2010/11	40,000,000	None	36.0	Not Provided	1	1	0	50,000	50,000
2011/12	40,000,000	None	24.0	959	1	2	0	1,500,500	1,500,500
2012/13	30,000,000	None	12.0	892	7	7	0	270,000	270,000
Total					145	15	\$18,842,600	\$3,250,500	\$22,093,100

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/75	Unlimited
12/01/00	10,000,000
12/01/01	15,000,000
12/01/02	20,000,000
03/01/10	40,000,000
03/01/13	30,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	6	0	\$258,600	\$0	\$258,600
1994/95	Unlimited	None	228.0	Not Provided	0	0	0	0	0
1995/96	Unlimited	None	216.0	Not Provided	2	0	8,000,000	0	8,000,000
1996/97	Unlimited	None	204.0	Not Provided	1	0	0	0	0
1997/98	Unlimited	None	192.0	Not Provided	3	0	503,400	0	503,400
1998/99	Unlimited	None	180.0	Not Provided	2	0	50,000	0	50,000
1999/00	Unlimited	None	168.0	Not Provided	4	0	2,250,000	0	2,250,000
2000/01	Unlimited	25,000,000	156.0	Not Provided	11	0	950,000	0	950,000
2001/02	Unlimited	50,000,000	144.0	Not Provided	21	0	1,213,000	0	1,213,000
2002/03	Unlimited	80,000,000	132.0	Not Provided	10	0	22,000	0	22,000
2003/04	Unlimited	None	120.0	813	12	0	3,408,500	0	3,408,500
2004/05	Unlimited	None	108.0	775	12	0	18,000	0	18,000
2005/06	Unlimited	None	96.0	752	22	0	1,028,000	0	1,028,000
2006/07	Unlimited	None	84.0	625	16	2	16,100	230,000	246,100
2007/08	Unlimited	None	72.0	Not Provided	11	0	1,125,000	0	1,125,000
2008/09	Unlimited	None	60.0	Not Provided	0	0	0	0	0
2009/10	Unlimited	None	48.0	Not Provided	3	3	0	1,200,000	1,200,000
2010/11	Unlimited	None	36.0	Not Provided	1	1	0	50,000	50,000
2011/12	Unlimited	None	24.0	959	1	2	0	1,500,500	1,500,500
2012/13	Unlimited	None	12.0	892	7	7	0	270,000	270,000
Total					145	15	\$18,842,600	\$3,250,500	\$22,093,100

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	99.0%	100.0%	100.0%
132.0	98.0%	100.0%	100.0%	126.0	96.2%	100.0%	100.0%
120.0	94.3%	100.0%	100.0%	114.0	92.0%	99.5%	100.0%
108.0	89.8%	99.0%	100.0%	102.0	85.0%	98.3%	100.0%
96.0	80.2%	97.5%	100.0%	90.0	74.0%	96.6%	100.0%
84.0	67.9%	95.6%	100.0%	78.0	62.3%	94.7%	100.0%
72.0	56.6%	93.8%	100.0%	66.0	42.5%	91.5%	100.0%
60.0	28.3%	89.3%	100.0%	54.0	19.6%	86.2%	100.0%
48.0	10.9%	83.1%	100.0%	42.0	6.5%	79.3%	99.0%
36.0	2.2%	75.5%	98.0%	30.0	1.1%	69.2%	95.7%
24.0	0.0%	62.9%	93.4%	18.0	0.0%	52.4%	84.8%
12.0	0.0%	42.0%	76.2%	6.0	0.0%	21.0%	38.1%

(2) is from Exhibit MM-Cermak-2 (page 2).

(3) is from Exhibit MM-Cermak-2 (page 3).

(4) is from Exhibit MM-Cermak-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$259
1995/06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1996/07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997/08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998/09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999/00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000/01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001/02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002/03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003/04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004/05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005/06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006/07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007/08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008/09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009/10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011/12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012/13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

II. Limited Paid Loss Development

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05																				
1995/06																				
1996/07																				
1997/08																				
1998/09																				
1999/00																				
2000/01																				
2001/02																				
2002/03																				
2003/04																				
2004/05																				
2005/06																				
2006/07																				
2007/08																				
2008/09																				
2009/10																				
2010/11																				
2011/12																				
2012/13																				

Average All	16.612	3.648	8.042	3.835	1.018	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051
Wtd 3	11.333	3.917	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Last 3																				
Last 5																				
x-fllow																				
Similar	6.200	3.200	2.020	1.560	1.300	1.150	1.080	1.080	1.030	1.100	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Previous	2.000	120.000	5.000	2.600	2.000	1.200	1.180	1.120	1.050	1.040	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	2.000	120.000	5.000	2.600	2.000	1.200	1.180	1.120	1.050	1.040	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	#####	5511.359	45.928	9.186	3.533	1.766	1.472	1.248	1.114	1.061	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent	0.0%	0.0%	2.2%	10.9%	28.3%	56.6%	67.9%	80.2%	88.8%	94.3%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$259
1995/06	0	300	200	0	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	0
1996/07	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997/08	300	503	763	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	0
1998/09	0	25	50	100	0	0	0	30	50	50	50	50	50	50	50	50	50	50	50	0
1999/00	1,000	1,000	2,905	4,050	2,500	3,250	2,550	2,550	2,550	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	0
2000/01	552	1,050	250	750	400	950	950	950	950	950	950	950	950	950	950	950	950	950	950	0
2001/02	1,405	1,530	1,115	1,051	1,586	1,207	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	0
2002/03	420	341	46	48	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	0
2003/04	4,660	3,780	5,660	7,979	8,219	7,709	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	3,409	0
2004/05	665	2,091	277	518	218	18	18	18	18	18	18	18	18	18	18	18	18	18	18	0
2005/06	2,461	3,417	1,691	1,028	1,528	2,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	0
2006/07	4,391	3,896	4,506	1,462	416	246	246	246	246	246	246	246	246	246	246	246	246	246	246	0
2007/08	885	1,402	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	0
2008/09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009/10	400	500	2,800	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010/11	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011/12	1	1,501	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012/13	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	0.667	0.000	1.000	40.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1995/06	1.516	0.000	0.659	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1996/07	1.678	1.516	2.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1997/08	1.000	2.505	1.617	0.617	1.300	0.785	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1998/09	1.902	0.238	3.000	0.533	2.375	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2000/01	1.089	0.729	0.943	1.509	0.761	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
2001/02	0.811	0.134	1.055	0.458	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2002/03	0.808	1.497	1.410	1.030	0.938	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2003/04	3.192	0.132	1.870	0.421	0.083	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2004/05	1.388	0.495	0.608	1.486	1.327	0.507	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2005/06	0.887	1.157	0.324	0.285	0.591	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2006/07	1.564	0.802	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2007/08	1.250	5.600	0.429	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009/10	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2010/11	3001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011/12																				
2012/13																				

Average All
Wtd 3
Last 3
Last 5
x-tilt,low

251.382	1.231	1.224	4.028	1.034	1.034	0.874	1.067	1.000	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
5.120	5.182	0.592	0.596	1.108	1.108	0.564	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
			0.924	0.973	0.973	0.836	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
			0.817	0.843	0.843	0.836	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Similar	3.500	2.000	1.345	1.110	1.030	1.003	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
Previous	1.500	1.100	1.100	1.075	1.050	1.020	1.020	1.020	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.500	1.200	1.100	1.075	1.050	1.020	1.020	1.015	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	2.384	1.589	1.324	1.204	1.120	1.067	1.046	1.025	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent	42.0%	62.9%	75.5%	83.1%	89.3%	93.8%	95.6%	97.5%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Historical Reported Claims and Reported Claim Development

Months of Development:

[illegible]

Months of Development:

[illegible]

0.545

[illegible]

Data was provided by the County.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
1993/04 to 1994/05																				
1995/06		0.0%	0.0%	0.0%	0.0%	0.0%	37.5%	68.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1996/07		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1997/08	0.0%	0.7%	21.4%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1998/09		0.0%	0.0%	0.0%	0.0%	0.0%	88.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1999/00	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2000/01	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2001/02	0.0%	0.0%	0.0%	0.1%	0.0%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2002/03	0.0%	0.0%	1.1%	6.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2003/04	0.0%	0.0%	0.0%	36.0%	34.9%	38.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2004/05	0.0%	0.0%	6.1%	3.5%	8.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2005/06	0.0%	0.0%	0.9%	2.7%	1.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2006/07	0.0%	0.4%	0.4%	1.1%	3.9%	6.5%	2.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2007/08	0.0%	8.9%	11.1%	100.0%	100.0%	100.0%	6.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2008/09																				
2009/10	0.0%	0.0%	0.0%	0.0%																
2010/11	0.0%	0.0%	0.0%																	
2011/12	0.0%	0.0%																		
2012/13	0.0%																			

Average

All	0.6%	2.9%	19.2%	32.0%	65.0%	66.8%	95.7%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 3				35.2%	36.0%	36.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 5				15.7%	48.3%	68.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
x-high																				
Implicit	0.0%	0.0%	2.9%	13.1%	31.7%	60.4%	71.0%	82.2%	90.7%	94.3%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$258,600	100.0%	\$258,600
1994/95	228.0	0	100.0%	0
1995/96	216.0	8,000,000	100.0%	8,000,000
1996/97	204.0	0	100.0%	0
1997/98	192.0	503,400	100.0%	503,400
1998/99	180.0	50,000	100.0%	50,000
1999/00	168.0	2,250,000	100.0%	2,250,000
2000/01	156.0	950,000	100.0%	950,000
2001/02	144.0	1,213,000	100.0%	1,213,000
2002/03	132.0	22,000	98.0%	22,440
2003/04	120.0	3,408,500	94.3%	3,615,737
2004/05	108.0	18,000	89.8%	20,049
2005/06	96.0	1,028,000	80.2%	1,282,431
2006/07	84.0	16,100	67.9%	23,700
2007/08	72.0	1,125,000	56.6%	1,987,269
2008/09	60.0	0	28.3%	0
2009/10	48.0	0	10.9%	0
2010/11	36.0	0	2.2%	0
2011/12	24.0	0	0.0%	0
2012/13	12.0	0	0.0%	0

(3) is from Exhibit MM-Cermak-1.

(4) is from Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$258,600	100.0%	\$258,600
1994/95	228.0	0	100.0%	0
1995/96	216.0	8,000,000	100.0%	8,000,000
1996/97	204.0	0	100.0%	0
1997/98	192.0	503,400	100.0%	503,400
1998/99	180.0	50,000	100.0%	50,000
1999/00	168.0	2,250,000	100.0%	2,250,000
2000/01	156.0	950,000	100.0%	950,000
2001/02	144.0	1,213,000	100.0%	1,213,000
2002/03	132.0	22,000	100.0%	22,000
2003/04	120.0	3,408,500	100.0%	3,408,500
2004/05	108.0	18,000	99.0%	18,180
2005/06	96.0	1,028,000	97.5%	1,053,854
2006/07	84.0	246,100	95.6%	257,335
2007/08	72.0	1,125,000	93.8%	1,199,887
2008/09	60.0	0	89.3%	0
2009/10	48.0	1,200,000	83.1%	1,444,664
2010/11	36.0	50,000	75.5%	66,214
2011/12	24.0	1,500,500	62.9%	2,384,490
2012/13	12.0	270,000	42.0%	643,598

(3) is from Exhibit MM-Cermak-1.

(4) is from Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$258,600	\$0	\$258,600
1994/95	228.0	100.0%	100.0%	100.0%	0	0	0
1995/96	216.0	100.0%	100.0%	100.0%	8,000,000	0	8,000,000
1996/97	204.0	100.0%	100.0%	100.0%	0	0	0
1997/98	192.0	100.0%	100.0%	100.0%	503,400	0	503,400
1998/99	180.0	100.0%	100.0%	100.0%	50,000	0	50,000
1999/00	168.0	100.0%	100.0%	100.0%	2,250,000	0	2,250,000
2000/01	156.0	100.0%	100.0%	100.0%	950,000	0	950,000
2001/02	144.0	100.0%	100.0%	100.0%	1,213,000	0	1,213,000
2002/03	132.0	98.0%	100.0%	100.0%	22,000	0	22,000
2003/04	120.0	94.3%	100.0%	100.0%	3,408,500	0	3,408,500
2004/05	108.0	89.8%	99.0%	90.3%	18,000	0	18,000
2005/06	96.0	80.2%	97.5%	87.6%	1,028,000	0	1,028,000
2006/07	84.0	67.9%	95.6%	86.4%	16,100	230,000	282,350
2007/08	72.0	56.6%	93.8%	85.6%	1,125,000	0	1,125,000
2008/09	60.0	28.3%	89.3%	85.1%	0	0	0
2009/10	48.0	10.9%	83.1%	81.0%	0	1,200,000	1,481,567
2010/11	36.0	2.2%	75.5%	75.0%	0	50,000	66,695
2011/12	24.0	0.0%	62.9%	62.9%	0	1,500,500	2,384,745
2012/13	12.0	0.0%	42.0%	41.9%	0	270,000	643,679

(3) and (4) are from Exhibit MM-Cermak-2.

(6) and (7) are from Exhibit MM-Cermak-1.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$258,600	\$258,600	\$258,600	\$258,600
1994/95	0	0	0	0
1995/96	8,000,000	8,000,000	8,000,000	8,000,000
1996/97	0	0	0	0
1997/98	503,400	503,400	503,400	503,400
1998/99	50,000	50,000	50,000	50,000
1999/00	2,250,000	2,250,000	2,250,000	2,250,000
2000/01	950,000	950,000	950,000	950,000
2001/02	1,213,000	1,213,000	1,213,000	1,213,000
2002/03	22,440	22,000	22,000	22,000
2003/04	3,615,737	3,408,500	3,408,500	3,408,500
2004/05	20,049	18,180	18,000	18,000
2005/06	1,282,431	1,053,854	1,028,000	1,028,000
2006/07	23,700	257,335	282,350	277,347
2007/08	1,987,269	1,199,887	1,125,000	1,125,000
2008/09	0	0	0	0
2009/10	0	1,444,664	1,481,567	1,320,000
2010/11	0	66,214	66,695	55,000
2011/12	0	2,384,490	2,384,745	1,907,694
2012/13	0	643,598	643,679	514,910

(2) is from Exhibit MM-Cermak-3.

(3) is from Exhibit MM-Cermak-4.

(4) is from Exhibit MM-Cermak-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Projected A-priori Loss Rate per Occupied Bed Equivalent (7)/(5) (8)
2003/04	\$3,408,500	813	\$4,192.48	1.661	\$6,965.69	\$995.14
2004/05	18,000	775	23.22	1.582	36.74	1,044.90
2005/06	1,028,000	752	1,366.85	1.507	2,059.85	1,097.15
2006/07	277,347	625	443.97	1.435	637.21	1,152.00
2007/08	1,125,000	792	1,420.74	1.367	1,942.00	1,209.60
2008/09	0	792	0.00	1.302	0.00	1,270.08
2009/10	1,320,000	792	1,667.00	1.229	2,049.04	1,345.13
2010/11	55,000	792	69.46	1.140	79.20	1,450.02
2011/12	1,907,694	959	1,989.28	1.086	2,160.28	1,522.53
2012/13	514,910	892	577.44	1.046	604.03	1,580.60

(7) Projected 2013/14 a-priori loss rate per Occupied Bed Equivalent \$1,653.41

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$0	28.3%	\$1,270.08	792	\$721,039	\$721,039
2009/10	0	10.9%	1,345.13	792	949,172	949,172
2010/11	0	2.2%	1,450.02	792	1,123,190	1,123,190
2011/12	0	0.0%	1,522.53	959	1,459,819	1,459,819
2012/13	0	0.0%	1,580.60	892	1,409,321	1,409,321

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$0	89.3%	\$1,270.08	792	\$107,670	\$107,670
2009/10	1,200,000	83.1%	1,345.13	792	180,387	1,380,387
2010/11	50,000	75.5%	1,450.02	792	281,157	331,157
2011/12	1,500,500	62.9%	1,522.53	959	541,289	2,041,789
2012/13	270,000	42.0%	1,580.60	892	818,162	1,088,162

Section I, (2) is from Exhibit MM-Cermak-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit MM-Cermak-10.

Section I, (5) is based on a 5% trend and adjusted for change in retention.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit MM-Cermak-1.

Sections II and III, (3) are from Exhibit MM-Cermak-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Occupied Bed Equivalents (6)	Frequency (per Occupied Bed Equivalent) (5)/(6) (7)
2003/04	120.0	12	100.0%	12	813	0.01
2004/05	108.0	12	100.0%	12	775	0.02
2005/06	96.0	22	100.0%	22	752	0.03
2006/07	84.0	16	100.0%	16	625	0.03
2007/08	72.0	11	100.0%	11	792	0.01
2008/09	60.0	0	100.0%	0	792	0.00
2009/10	48.0	3	100.0%	3	792	0.00
2010/11	36.0	1	98.0%	1	792	0.00
2011/12	24.0	1	93.4%	1	959	0.00
2012/13	12.0	7	76.2%	9	892	0.01

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$3,408,500	12	\$284,042	1.661	\$471,927	\$207,315	\$2,487,778
2004/05	18,000	12	1,500	1.582	2,374	217,681	2,612,167
2005/06	1,028,000	22	46,727	1.507	70,418	228,565	5,028,422
2006/07	277,347	16	17,334	1.435	24,879	239,993	3,839,886
2007/08	1,125,000	11	102,273	1.367	139,796	251,993	2,771,918
2008/09	0	0	0	1.302	0	264,592	0
2009/10	1,320,000	3	440,000	1.229	540,840	280,226	840,677
2010/11	55,000	1	55,000	1.140	62,714	302,078	302,078
2011/12	1,907,694	1	1,907,694	1.086	2,071,684	317,182	317,182
2012/13	514,910	9	57,212	1.046	59,848	329,280	2,963,524
(7) Projected 2013/14 average claim severity					\$344,448		

Section I, (3) is from Exhibit MM-Cermak-1.

Section I, (4) is from Exhibit MM-Cermak-2.

Section I, (6) is from Exhibit MM-Cermak-10.

Section II, (2) is from Exhibit MM-Cermak-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend and adjusted for change in retention.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (8)
to 1993/94	\$258,600	\$258,600	\$258,600				\$258,600	\$258,600
1994/95	0	0	0					0
1995/96	8,000,000	8,000,000	8,000,000				8,000,000	8,000,000
1996/97	0	0	0					0
1997/98	503,400	503,400	503,400				503,400	503,400
1998/99	50,000	50,000	50,000				50,000	50,000
1999/00	2,250,000	2,250,000	2,250,000				2,250,000	2,250,000
2000/01	950,000	950,000	950,000				950,000	950,000
2001/02	1,213,000	1,213,000	1,213,000				1,213,000	1,213,000
2002/03	22,440	22,000	22,000				22,000	22,000
2003/04	3,615,737	3,408,500	3,408,500				3,408,500	3,408,500
2004/05	20,049	18,180	18,000				18,000	18,000
2005/06	1,282,431	1,053,854	1,028,000				1,180,000	1,028,000
2006/07	23,700	257,335	282,350				281,000	300,000
2007/08	1,987,269	1,199,887	1,125,000				1,250,000	1,200,000
2008/09	0	0	0	721,039	107,670		1,500,000	850,000
2009/10	0	1,444,664	1,481,567	949,172	1,380,387	840,677	3,080,000	1,750,000
2010/11	0	66,214	66,695	1,123,190	331,157	302,078	1,750,000	1,250,000
2011/12	0	2,384,490	2,384,745	1,459,819	2,041,789	317,182	2,000,000	2,300,000
2012/13	0	643,598	643,679	1,409,321	1,088,162	2,963,524	2,059,000	2,000,000

(2) is from Exhibit MM-Cermak-3.

(3) is from Exhibit MM-Cermak-4.

(4) is from Exhibit MM-Cermak-5.

(5) and (6) are from Exhibit MM-Cermak-7.

(7) is from Exhibit MM-Cermak-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	
2003/04	\$3,408,500	813	\$4,192.48	1.661	\$6,965.69	
2004/05	18,000	775	23.22	1.582	36.74	
2005/06	1,028,000	752	1,366.85	1.507	2,059.85	
2006/07	300,000	625	480.23	1.435	689.25	
2007/08	1,200,000	792	1,515.45	1.367	2,071.47	
2008/09	850,000	792	1,073.45	1.302	1,397.42	
2009/10	1,750,000	792	2,210.04	1.229	2,716.54	
2010/11	1,250,000	792	1,578.60	1.140	1,800.01	
2011/12	2,300,000	959	2,398.36	1.086	2,604.53	
2012/13	2,000,000	892	2,242.86	1.046	2,346.17	
Total	\$14,104,500	7,983	\$1,766.80		\$2,268.77	
Claim Period (1)	Projected Limited Loss Rate per Occupied Bed Equivalent (7)	Projected Occupied Bed Equivalents (8)	Projected Ultimate Limited Losses (7)X(8) (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per Occupied Bed Equivalent (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2013/14	\$2,268.77	892	\$2,023,000	0.80	\$1,825.42	\$1,628,000
2014/15	2,382.21	907	2,161,000	0.80	1,916.69	1,739,000
2015/16	2,501.32	907	2,269,000	0.80	2,012.52	1,826,000

(2) is from Exhibit MM-Cermak-9.

(3) for 2003/04, 2004/05, 2005/06, 2006/07, 2011/12 and 2012/13 were provided by the County. Other periods assume a 0% trend.

(5) is based on a 5% trend and adjusted for change in retention.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) to 2014/15 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$258,600	\$0	\$258,600	\$258,600	\$0	\$0	1.00	\$0
1994/95	0	0	0	0	0	0	1.00	0
1995/96	8,000,000	0	8,000,000	8,000,000	0	0	1.00	0
1996/97	0	0	0	0	0	0	1.00	0
1997/98	503,400	0	503,400	503,400	0	0	1.00	0
1998/99	50,000	0	50,000	50,000	0	0	1.00	0
1999/00	2,250,000	0	2,250,000	2,250,000	0	0	1.00	0
2000/01	950,000	0	950,000	950,000	0	0	1.00	0
2001/02	1,213,000	0	1,213,000	1,213,000	0	0	1.00	0
2002/03	22,000	0	22,000	22,000	0	0	0.98	0
2003/04	3,408,500	0	3,408,500	3,408,500	0	0	0.97	0
2004/05	18,000	0	18,000	18,000	0	0	0.96	0
2005/06	1,028,000	0	1,028,000	1,028,000	0	0	0.95	0
2006/07	16,100	230,000	246,100	300,000	53,900	283,900	0.94	267,798
2007/08	1,125,000	0	1,125,000	1,200,000	75,000	75,000	0.93	69,696
2008/09	0	0	0	850,000	850,000	850,000	0.93	791,129
2009/10	0	1,200,000	1,200,000	1,750,000	550,000	1,750,000	0.91	1,600,955
2010/11	0	50,000	50,000	1,250,000	1,200,000	1,250,000	0.89	1,114,868
2011/12	0	1,500,500	1,500,500	2,300,000	799,500	2,300,000	0.86	1,986,113
2012/13	0	270,000	270,000	2,000,000	1,730,000	2,000,000	0.83	1,667,068
Total	\$18,842,600	\$3,250,500	\$22,093,100	\$27,351,500	\$5,258,400	\$8,508,900		\$7,497,627

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit MM-Cermak-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2004/05	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2005/06	96.0	80.2%	108.0	89.8%	48.5%	0	0	0	0.96	0
2006/07	84.0	67.9%	96.0	80.2%	38.1%	283,900	108,255	175,645	0.95	167,253
2007/08	72.0	56.6%	84.0	67.9%	26.1%	75,000	19,570	55,430	0.94	52,286
2008/09	60.0	28.3%	72.0	56.6%	39.5%	850,000	335,581	514,419	0.93	478,042
2009/10	48.0	10.9%	60.0	28.3%	19.5%	1,750,000	342,064	1,407,936	0.93	1,310,423
2010/11	36.0	2.2%	48.0	10.9%	8.9%	1,250,000	111,289	1,138,711	0.91	1,041,729
2011/12	24.0	0.0%	36.0	2.2%	2.2%	2,300,000	49,670	2,250,330	0.89	2,007,057
2012/13	12.0	0.0%	24.0	0.0%	0.0%	2,000,000	181	1,999,819	0.86	1,726,898
2013/14	0.0	0.0%	12.0	0.0%	0.0%	2,023,000	184	2,022,816	0.83	1,686,086
Total						\$10,531,900	\$966,794	\$9,565,106		\$8,469,774

(3) and (5) are from Exhibit MM-Cermak-2.

(7) to 2012/13 is from Exhibit MM-Cermak-11. The amount for 2013/14 is from Exhibit MM-Cermak-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2005/06	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2006/07	96.0	80.2%	108.0	89.8%	48.5%	175,645	85,161	90,484	0.96	86,594
2007/08	84.0	67.9%	96.0	80.2%	38.1%	55,430	21,136	34,294	0.95	32,655
2008/09	72.0	56.6%	84.0	67.9%	26.1%	514,419	134,232	380,187	0.94	358,625
2009/10	60.0	28.3%	72.0	56.6%	39.5%	1,407,936	555,854	852,082	0.93	791,827
2010/11	48.0	10.9%	60.0	28.3%	19.5%	1,138,711	222,578	916,133	0.93	852,682
2011/12	36.0	2.2%	48.0	10.9%	8.9%	2,250,330	200,350	2,049,980	0.91	1,875,386
2012/13	24.0	0.0%	36.0	2.2%	2.2%	1,999,819	43,187	1,956,632	0.89	1,745,109
2013/14	12.0	0.0%	24.0	0.0%	0.0%	2,022,816	184	2,022,632	0.86	1,746,598
2014/15	0.0	0.0%	12.0	0.0%	0.0%	2,161,000	196	2,160,804	0.83	1,801,104
Total						\$11,726,106	\$1,262,878	\$10,463,228		\$9,290,580

(3) and (5) are from Exhibit MM-Cermak-2.

(7) to 2013/14 is from Exhibit MM-Cermak-12, (9). The amount for 2014/15 is from Exhibit MM-Cermak-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2006/07	108.0	89.8%	120.0	94.3%	43.9%	90,484	39,742	50,742	0.97	49,260
2007/08	96.0	80.2%	108.0	89.8%	48.5%	34,294	16,627	17,667	0.96	16,907
2008/09	84.0	67.9%	96.0	80.2%	38.1%	380,187	144,971	235,216	0.95	223,978
2009/10	72.0	56.6%	84.0	67.9%	26.1%	852,082	222,342	629,740	0.94	594,024
2010/11	60.0	28.3%	72.0	56.6%	39.5%	916,133	361,690	554,443	0.93	515,236
2011/12	48.0	10.9%	60.0	28.3%	19.5%	2,049,980	400,700	1,649,280	0.93	1,535,051
2012/13	36.0	2.2%	48.0	10.9%	8.9%	1,956,632	174,202	1,782,430	0.91	1,630,623
2013/14	24.0	0.0%	36.0	2.2%	2.2%	2,022,632	43,680	1,978,952	0.89	1,765,016
2014/15	12.0	0.0%	24.0	0.0%	0.0%	2,160,804	196	2,160,608	0.86	1,865,744
2015/16	0.0	0.0%	12.0	0.0%	0.0%	2,269,000	206	2,268,794	0.83	1,891,117
Total						\$12,732,228	\$1,404,356	\$11,327,872		\$10,086,956

(3) and (5) are from Exhibit MM-Cermak-2.

(7) to 2014/15 is from Exhibit MM-Cermak-13, (9). The amount for 2015/16 is from Exhibit MM-Cermak-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Cermak-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-15

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97004871	1/5/2004	2003/04	\$20,000,000	\$2,500,000	\$0	\$2,500,000
97006724	9/3/2006	2005/06	20,000,000	1,000,000	0	1,000,000
97007443	12/21/2007	2007/08	20,000,000	1,000,000	0	1,000,000
97008627	12/19/2009	2009/10	20,000,000	0	1,000,000	1,000,000
97009379	1/15/2012	2011/12	40,000,000	0	1,500,000	1,500,000

The claim(s) indicated by a "*" have been limited in development.

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



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - CERMAK HEALTH SERVICES

Exhibit MM-Cermak-16

Calculation of Occupied Bed Equivalents

Claim Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Other Visits (6)	Physicians (7)	Occupied Bed Equivalents (8)
to 1993/94							
1994/95							
1995/96							
1996/97							
1997/98							
1998/99							
1999/00							
2000/01							
2001/02							
2002/03							
2003/04	615	37,188	42,405	42,050	1,175	33	813
2004/05	584	33,691	47,114	37,977	1,057	33	775
2005/06	592	31,496	50,948	32,574	1,105	23	752
2006/07	512	22,505	43,250	28,912	802	14	625
2007/08							
2008/09							
2009/10							
2010/11							
2011/12	773	24,144	62,000	43,000		35	959
2012/13	713	23,909	28,000	60,000		35	892
2013/14	713	23,909	28,000	60,000		35	892
2014/15	713	31,700	28,000	60,000		35	907

(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 2013. 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
Physicians	2.750
Housestaff	0.800 (residents and interns)



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

Exhibit MM-Stroger-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	N/A	1	\$120,302,377	\$5,000,000	\$125,302,377
1994/95	Unlimited	None	228.0	2,568	27	0	14,327,500	0	14,327,500
1995/96	Unlimited	None	216.0	2,505	40	0	16,727,041	0	16,727,041
1996/97	Unlimited	None	204.0	2,408	29	0	11,236,700	0	11,236,700
1997/98	Unlimited	None	192.0	2,380	19	0	30,083,500	0	30,083,500
1998/99	Unlimited	None	180.0	2,328	34	1	9,880,000	3,000,000	12,880,000
1999/00	Unlimited	None	168.0	2,272	30	0	33,190,000	0	33,190,000
2000/01	10,000,000	25,000,000	156.0	2,352	85	0	10,411,000	0	10,411,000
2001/02	15,000,000	50,000,000	144.0	2,442	102	0	23,647,540	0	23,647,540
2002/03	20,000,000	80,000,000	132.0	2,379	78	0	4,268,500	0	4,268,500
2003/04	20,000,000	None	120.0	2,401	106	0	8,377,500	0	8,377,500
2004/05	20,000,000	None	108.0	2,370	72	1	18,606,850	1,000,000	19,606,850
2005/06	20,000,000	None	96.0	2,282	63	2	10,505,000	2,070,000	12,575,000
2006/07	20,000,000	None	84.0	2,131	42	0	4,750,000	0	4,750,000
2007/08	20,000,000	None	72.0	2,195	29	3	7,002,000	3,800,000	10,802,000
2008/09	20,000,000	None	60.0	2,280	30	7	2,855,000	6,400,000	9,255,000
2009/10	40,000,000	None	48.0	2,257	27	8	1,517,500	12,850,000	14,367,500
2010/11	40,000,000	None	36.0	2,159	36	14	0	8,480,000	8,480,000
2011/12	40,000,000	None	24.0	2,171	31	38	20,099,999	12,072,500	32,172,499
2012/13	30,000,000	None	12.0	2,191	33	33	0	6,655,000	6,655,000
Total					913	108	\$347,788,007	\$61,327,500	\$409,115,507

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/75	Unlimited
12/01/00	10,000,000
12/01/01	15,000,000
12/01/02	20,000,000
03/01/10	40,000,000
03/01/13	30,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit MM-Stroger-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	N/A	1	\$120,302,377	\$5,000,000	\$125,302,377
1994/95	Unlimited	None	228.0	2,568	27	0	14,327,500	0	14,327,500
1995/96	Unlimited	None	216.0	2,505	40	0	16,727,041	0	16,727,041
1996/97	Unlimited	None	204.0	2,408	29	0	11,236,700	0	11,236,700
1997/98	Unlimited	None	192.0	2,380	19	0	30,083,500	0	30,083,500
1998/99	Unlimited	None	180.0	2,328	34	1	9,880,000	3,000,000	12,880,000
1999/00	Unlimited	None	168.0	2,272	30	0	33,190,000	0	33,190,000
2000/01	Unlimited	25,000,000	156.0	2,352	85	0	10,411,000	0	10,411,000
2001/02	Unlimited	50,000,000	144.0	2,442	102	0	23,647,540	0	23,647,540
2002/03	Unlimited	80,000,000	132.0	2,379	78	0	4,268,500	0	4,268,500
2003/04	Unlimited	None	120.0	2,401	106	0	8,377,500	0	8,377,500
2004/05	Unlimited	None	108.0	2,370	72	1	18,606,850	1,000,000	19,606,850
2005/06	Unlimited	None	96.0	2,282	63	2	10,505,000	2,070,000	12,575,000
2006/07	Unlimited	None	84.0	2,131	42	0	4,750,000	0	4,750,000
2007/08	Unlimited	None	72.0	2,195	29	3	7,002,000	3,800,000	10,802,000
2008/09	Unlimited	None	60.0	2,280	30	7	2,855,000	6,400,000	9,255,000
2009/10	Unlimited	None	48.0	2,257	27	8	1,517,500	12,850,000	14,367,500
2010/11	Unlimited	None	36.0	2,159	36	14	0	8,480,000	8,480,000
2011/12	Unlimited	None	24.0	2,171	31	38	20,099,999	12,072,500	32,172,499
2012/13	Unlimited	None	12.0	2,191	33	33	0	6,655,000	6,655,000
Total					913	108	\$347,788,007	\$61,327,500	\$409,115,507

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit MM-Stroger-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	99.0%	100.0%	100.0%
132.0	98.0%	100.0%	100.0%	126.0	96.2%	100.0%	100.0%
120.0	94.3%	100.0%	100.0%	114.0	92.0%	99.5%	100.0%
108.0	89.8%	99.0%	100.0%	102.0	85.0%	98.3%	100.0%
96.0	80.2%	97.5%	100.0%	90.0	74.0%	96.4%	100.0%
84.0	67.9%	95.2%	100.0%	78.0	62.3%	94.0%	100.0%
72.0	56.6%	92.8%	100.0%	66.0	42.5%	90.6%	100.0%
60.0	28.3%	88.4%	100.0%	54.0	19.6%	85.3%	100.0%
48.0	10.9%	82.3%	100.0%	42.0	6.5%	78.5%	99.3%
36.0	2.2%	74.8%	98.5%	30.0	1.1%	68.5%	96.9%
24.0	0.0%	62.3%	95.2%	18.0	0.0%	51.9%	86.4%
12.0	0.0%	41.5%	77.7%	6.0	0.0%	20.8%	38.9%

(2) is from Exhibit MM-Stroger-2 (page 2).

(3) is from Exhibit MM-Stroger-2 (page 3).

(4) is from Exhibit MM-Stroger-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



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

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	0	0	0	25	175	8,603	14,303	14,303	14,303	14,303	14,328	14,328	14,328	14,328	14,328	14,328	14,328	14,328	14,328	\$120,302
1995/06	0	10	60	473	1,683	3,283	3,283	7,807	7,807	8,287	15,227	15,227	15,227	16,727	16,727	16,727	16,727	16,727	16,727	
1996/07	0	0	450	505	1,705	2,467	2,467	2,467	2,467	3,287	4,367	4,367	4,367	11,137	11,137	11,237	11,237	11,237	11,237	
1997/08	4	4	4	1,759	5,234	13,209	16,459	19,209	21,959	25,834	28,584	30,084	30,084	30,084	30,084	30,084	30,084	30,084	30,084	
1998/09	0	0	0	0	2,055	5,830	7,180	8,480	8,480	9,880	9,880	9,880	9,880	9,880	9,880	9,880	9,880	9,880	9,880	
1999/00	0	12,065	16,160	16,715	20,995	23,095	23,095	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	
2000/01	0	0	156	206	701	3,111	3,411	3,411	3,411	10,411	10,411	10,411	10,411	10,411	10,411	10,411	10,411	10,411	10,411	
2001/02	0	0	30	9,350	12,298	14,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	
2002/03	10	11	1,260	1,260	3,176	3,441	3,441	3,441	3,441	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	
2003/04	0	0	0	2,403	7,428	8,228	8,228	8,228	8,228	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	
2004/05	0	0	0	5,687	16,557	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	18,607	
2005/06	0	0	500	500	6,750	9,200	9,880	9,880	9,880	10,505	10,505	10,505	10,505	10,505	10,505	10,505	10,505	10,505	10,505	
2006/07	0	0	0	10	2,000	2,000	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	
2007/08	0	2	2	2,552	4,602	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	7,002	
2008/09	0	0	2,445	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	2,855	
2009/10	0	0	0	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	1,518	
2010/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011/12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012/13	0	20,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

II. Limited Paid Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05		6,000	7,875	7,000	48,586	1,682	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	
1995/06			1,122	3,561	1,961	1,000	2,378	1,061	1,153	1,335	1,000	1,089	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1996/07	1,000	1,000	502,429	2,976	2,524	1,246	1,167	1,143	1,176	1,106	1,062	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1997/08					2,837	1,232	1,181	1,000	1,165	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1998/09		1,000	1,341	1,033	1,232	1,121	1,433	1,003	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1999/00			1,321	3,403	4,438	1,096	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2000/01			311,667	1,315	1,191	1,614	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2001/02	1,100	114,500	1,000	2,521	1,083	1,116	1,026	1,084	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2002/03				3,092	1,124	1,108	1,018	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2003/04				2,922	1,124	1,108	1,018	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2004/05				13,500	1,363	1,074	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	
2005/06		1,000	1,000	200,000	1,000	2,375	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	
2006/07				1,803	1,522															
2007/08				1,000																
2008/09																				
2009/10																				
2010/11																				
2011/12																				
2012/13																				

Average All
Wtd 3
Last 3
Last 5
x-til low

Similar	6,200	3,200	2,020	1,560	1,300	1,150	1,080	1,060	1,030	1,100	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous	2,000	120,000	5,000	2,600	2,000	1,200	1,180	1,120	1,050	1,040	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected	2,000	120,000	5,000	2,600	2,000	1,200	1,180	1,120	1,050	1,040	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	#####	5511,359	45,928	9,186	3,533	1,766	1,472	1,248	1,114	1,061	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	0.0%	0.0%	2.2%	10.9%	28.3%	56.6%	67.9%	80.2%	88.8%	94.3%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.



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

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	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-Ult
Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	75	7,995	7,315	7,535	10,080	15,628	14,578	14,703	14,703	14,703	14,328	14,328	14,328	14,328	14,328	14,328	14,328	14,328	14,328	\$125,302
1995/06	3,200	7,795	8,680	8,858	15,108	16,658	15,853	14,007	13,197	18,052	16,227	17,227	16,727	16,727	16,727	16,727	16,727	16,727	16,727	
1996/07	460	6,700	3,360	5,855	5,405	10,937	10,437	10,467	16,967	20,687	13,167	11,437	11,437	11,437	11,437	11,237	11,237	11,237	11,237	
1997/08	4,804	9,329	16,684	21,709	29,384	29,239	29,159	30,309	29,809	28,934	29,164	30,064	30,064	30,064	30,064	30,064	30,064	30,064	30,064	
1998/09	750	13,625	15,860	14,770	14,255	14,930	15,680	14,480	11,980	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	
1999/00	14,495	22,310	28,575	36,030	41,890	41,195	35,595	41,595	41,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	33,190	
2000/01	7,711	5,853	7,293	7,316	7,461	7,298	24,398	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	23,648	
2001/02	31,720	21,740	26,658	21,910	21,848	27,298	4,641	4,289	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	4,269	
2002/03	23,376	12,956	3,125	6,015	4,176	13,078	8,878	8,878	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	8,378	
2003/04	18,101	25,664	15,630	24,283	13,178	19,357	18,607	19,607	19,607	19,607	19,607	19,607	19,607	19,607	19,607	19,607	19,607	19,607	19,607	
2004/05	4,895	21,325	20,275	22,752	12,950	11,502	10,802	12,575	12,575	12,575	12,575	12,575	12,575	12,575	12,575	12,575	12,575	12,575	12,575	
2005/06	9,265	29,290	19,790	21,550	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	
2006/07	6,605	9,080	4,115	4,325	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	4,310	
2007/08	23,742	11,027	15,777	17,052	11,502	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	10,802	
2008/09	5,085	5,740	9,275	14,368	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	
2009/10	4,510	6,178	11,800	14,368	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	
2010/11	770	3,850	8,480	14,368	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	9,255	
2011/12	23,793	32,172	6,655																	
2012/13																				

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
Claim Period	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-Ult
to 1993/04																				
1994/05	106,600	0,915	1,030	1,338	1,550	0,933	1,009	1,000	1,000	0,974	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1995/06	2,436	1,114	1,020	1,706	1,103	0,941	0,893	0,942	1,368	0,899	1,062	0,971	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1996/07	14,889	0,501	1,743	0,923	2,023	0,964	1,005	1,620	1,218	0,637	0,867	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1997/08	1,942	1,785	1,664	1,060	0,996	0,997	1,039	0,984	0,971	1,009	1,031	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1998/09	18,167	1,164	0,931	0,965	1,047	1,050	0,923	0,827	0,825	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1999/00	1,539	1,281	1,261	1,163	0,983	0,864	1,169	0,990	0,806	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2000/01	0,759	1,246	1,003	1,020	1,999	0,966	1,000	0,931	0,776	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2001/02	0,685	1,226	0,822	0,997	1,249	0,894	0,969	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2002/03	0,554	0,241	1,925	0,694	1,135	0,979	0,924	0,995	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2003/04	1,418	0,609	1,554	0,543	0,992	0,686	0,989	0,944	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2004/05	4,356	0,951	1,122	0,889	0,957	0,981	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	
2005/06	3,161	0,676	1,089	0,601	0,906	0,963	1,161	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2006/07	1,375	0,453	1,051	0,997	1,137	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	
2007/08	0,464	1,431	1,081	0,675	0,939	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	
2008/09	1,129	1,616	1,073	0,930	0,939	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	
2009/10	1,370	1,910	1,218	0,930	0,939	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	0,969	
2010/11	5,000	2,203	1,345	1,110	1,030	1,003	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	
2011/12	1,352		1,100	1,075	1,050	1,020	1,020	1,020	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2012/13																				

Average
All
Wtd 3
Last 3
Last 5
x-tilt,low

Similar	3,500	2,000	1,345	1,110	1,030	1,003	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
Previous	1,500	1,100	1,100	1,075	1,050	1,020	1,020	1,020	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected	1,500	1,200	1,100	1,075	1,050	1,025	1,025	1,015	1,010	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	2,407	1,605	1,337	1,216	1,131	1,077	1,051	1,025	1,010	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	41.5%	62.3%	74.8%	82.3%	88.4%	92.8%	95.2%	97.5%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

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

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	1	17	26	26	26	26	27	27	11	12	11	11	11	11	11	11	11	11	11	11
1995/06	6	27	33	33	34	35	38	39	27	27	27	27	27	27	27	27	27	27	27	27
1996/07	3	23	27	27	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
1997/08	7	15	16	16	16	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
1998/09	8	30	31	33	33	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34
1999/00	9	26	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
2000/01	63	77	84	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
2001/02	80	101	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
2002/03	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
2003/04	74	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
2004/05	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
2005/06	54	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
2006/07	38	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
2007/08	24	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
2008/09	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
2009/10	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
2010/11	31	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
2011/12	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
2012/13	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33

II. Reported Claim Development

Claim Period	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-UIT
to 1993/04																				
1994/05	17,000	1,529	1,000	1,000	1,000	1,038	1,000	1,091	0,917	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	4,500	1,222	1,000	1,030	1,029	1,066	1,026	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	7,667	1,174	1,000	1,037	1,036	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	2,143	1,200	1,000	1,000	1,056	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	3,750	1,033	1,065	1,000	1,030	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	2,889	1,115	1,034	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	1,222	1,091	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
2001/02	1,263	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	1,000	1,000	1,000
2002/03	1,114	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	1,432	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	1,167	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,105	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	1,208	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	1,034	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2010/11	1,161	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2011/12	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2012/13																				
Average All	2,870	1,081	1,007	1,004	1,011	1,010	1,002	1,010	0,992	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wtd 3	1,056	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 3	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	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 5	1,065	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
x-tilt,low																				
Similar Previous	1,250	1,050	1,020	1,015	1,010	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
Selected	1,225	1,035	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	1,000	1,000	1,000	1,000	1,000
Cumulative	1,287	1,051	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	1,000	1,000	1,000	1,000	1,000
Percent	77.7%	95.2%	98.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Data was provided by the County.

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

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	0.0%	0.0%	0.0%	0.3%	1.7%	54.4%	98.1%	97.3%	97.3%	97.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.0%
1995/06	0.0%	0.1%	0.7%	5.3%	11.1%	19.7%	20.9%	55.7%	62.8%	52.9%	93.8%	88.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1996/07	0.0%	0.0%	13.4%	6.5%	31.5%	22.7%	23.8%	23.7%	19.3%	13.9%	33.3%	97.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1997/08	0.1%	0.0%	0.0%	0.0%	17.8%	45.1%	56.4%	63.4%	73.7%	83.3%	97.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1998/09	0.0%	0.0%	0.0%	0.0%	14.4%	39.0%	45.8%	58.6%	70.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1999/00	0.0%	54.1%	42.2%	44.9%	39.9%	50.0%	64.9%	79.6%	80.6%	100.0%	100.0%	100.0%	100.0%	100.0%	76.7%	100.0%	100.0%	100.0%	100.0%	
2000/01	0.0%	0.0%	2.1%	2.8%	9.4%	20.9%	23.7%	23.7%	25.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2001/02	0.0%	0.0%	0.1%	42.7%	56.3%	53.7%	96.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2002/03	0.0%	0.1%	40.3%	20.9%	76.1%	72.6%	82.8%	91.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2003/04	0.0%	0.0%	0.0%	9.9%	56.4%	56.8%	91.6%	94.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2004/05	0.0%	0.0%	0.0%	24.9%	81.8%	78.4%	100.0%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2005/06	0.0%	0.0%	2.5%	2.3%	52.1%	78.4%	91.2%	83.5%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2006/07	0.0%	0.0%	0.0%	0.2%	46.4%	40.8%	100.0%	83.5%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2007/08	0.0%	0.0%	0.0%	15.0%	40.0%	64.8%	100.0%	83.5%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2008/09	0.0%	0.0%	26.4%	28.7%	30.8%															
2009/10	0.0%	0.0%	0.0%	10.6%																
2010/11	0.0%	0.0%	0.0%																	
2011/12	0.0%	62.5%	0.0%																	
2012/13	0.0%																			
Average																				
All	0.0%	6.5%	7.5%	14.0%	37.7%	51.1%	68.9%	72.2%	75.0%	85.5%	91.7%	98.2%	99.6%	96.1%	95.3%	100.0%	100.0%	100.0%	100.0%	96.0%
Last 3		20.8%	8.8%	18.1%	39.1%	61.4%	97.1%	90.9%	98.3%	100.0%	100.0%	100.0%	100.0%	92.2%	92.2%	100.0%	100.0%	100.0%	100.0%	
Last 5		0.0%	0.0%	9.3%	46.2%	66.7%	94.3%	93.7%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
x-high																				
Implicit	0.0%	0.0%	2.9%	13.2%	32.0%	61.0%	71.4%	82.2%	90.7%	94.3%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



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

Exhibit MM-Stroger-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$120,302,377	100.0%	\$120,302,377
1994/95	228.0	14,327,500	100.0%	14,327,500
1995/96	216.0	16,727,041	100.0%	16,727,041
1996/97	204.0	11,236,700	100.0%	11,236,700
1997/98	192.0	30,083,500	100.0%	30,083,500
1998/99	180.0	9,880,000	100.0%	9,880,000
1999/00	168.0	33,190,000	100.0%	33,190,000
2000/01	156.0	10,411,000	100.0%	10,411,000
2001/02	144.0	23,647,540	100.0%	23,647,540
2002/03	132.0	4,268,500	98.0%	4,353,870
2003/04	120.0	8,377,500	94.3%	8,886,852
2004/05	108.0	18,606,850	89.8%	20,725,054
2005/06	96.0	10,505,000	80.2%	13,104,996
2006/07	84.0	4,750,000	67.9%	6,992,242
2007/08	72.0	7,002,000	56.6%	12,368,761
2008/09	60.0	2,855,000	28.3%	10,086,493
2009/10	48.0	1,517,500	10.9%	13,939,145
2010/11	36.0	0	2.2%	0
2011/12	24.0	20,099,999	0.0%	571,130,362 *
2012/13	12.0	0	0.0%	0

* - Indicates large claim(s) limited to retention. For details, see Exhibit MM-Stroger-15.

(3) is from Exhibit MM-Stroger-1.

(4) is from Exhibit MM-Stroger-2.



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

Exhibit MM-Stroger-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$125,302,377	100.0%	\$125,302,377
1994/95	228.0	14,327,500	100.0%	14,327,500
1995/96	216.0	16,727,041	100.0%	16,727,041
1996/97	204.0	11,236,700	100.0%	11,236,700
1997/98	192.0	30,083,500	100.0%	30,083,500
1998/99	180.0	12,880,000	100.0%	12,880,000
1999/00	168.0	33,190,000	100.0%	33,190,000
2000/01	156.0	10,411,000	100.0%	10,411,000
2001/02	144.0	23,647,540	100.0%	23,647,540
2002/03	132.0	4,268,500	100.0%	4,268,500
2003/04	120.0	8,377,500	100.0%	8,377,500
2004/05	108.0	19,606,850	99.0%	19,802,919
2005/06	96.0	12,575,000	97.5%	12,891,261
2006/07	84.0	4,750,000	95.2%	4,991,199
2007/08	72.0	10,802,000	92.8%	11,634,275
2008/09	60.0	9,255,000	88.4%	10,466,485
2009/10	48.0	14,367,500	82.3%	17,466,831
2010/11	36.0	8,480,000	74.8%	11,340,219
2011/12	24.0	32,172,499	62.3%	39,533,793 *
2012/13	12.0	6,655,000	41.5%	16,019,397

* - Indicates large claim(s) limited to retention. For details, see Exhibit MM-Stroger-15.

(3) is from Exhibit MM-Stroger-1.

(4) is from Exhibit MM-Stroger-2.



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

Exhibit MM-Stroger-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$120,302,377	\$5,000,000	\$125,302,377
1994/95	228.0	100.0%	100.0%	100.0%	14,327,500	0	14,327,500
1995/96	216.0	100.0%	100.0%	100.0%	16,727,041	0	16,727,041
1996/97	204.0	100.0%	100.0%	100.0%	11,236,700	0	11,236,700
1997/98	192.0	100.0%	100.0%	100.0%	30,083,500	0	30,083,500
1998/99	180.0	100.0%	100.0%	100.0%	9,880,000	3,000,000	12,880,000
1999/00	168.0	100.0%	100.0%	100.0%	33,190,000	0	33,190,000
2000/01	156.0	100.0%	100.0%	100.0%	10,411,000	0	10,411,000
2001/02	144.0	100.0%	100.0%	100.0%	23,647,540	0	23,647,540
2002/03	132.0	98.0%	100.0%	100.0%	4,268,500	0	4,268,500
2003/04	120.0	94.3%	100.0%	100.0%	8,377,500	0	8,377,500
2004/05	108.0	89.8%	99.0%	90.3%	18,606,850	1,000,000	19,714,115
2005/06	96.0	80.2%	97.5%	87.6%	10,505,000	2,070,000	12,867,086
2006/07	84.0	67.9%	95.2%	84.9%	4,750,000	0	4,750,000
2007/08	72.0	56.6%	92.8%	83.5%	7,002,000	3,800,000	11,552,189
2008/09	60.0	28.3%	88.4%	83.9%	2,855,000	6,400,000	10,487,193
2009/10	48.0	10.9%	82.3%	80.1%	1,517,500	12,850,000	17,562,314
2010/11	36.0	2.2%	74.8%	74.2%	0	8,480,000	11,425,998
2011/12	24.0	0.0%	62.3%	62.3%	20,099,999	12,072,500	39,475,446
2012/13	12.0	0.0%	41.5%	41.5%	0	6,655,000	16,021,442

(3) and (4) are from Exhibit MM-Stroger-2.

(6) and (7) are from Exhibit MM-Stroger-1.



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

Exhibit MM-Stroger-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$120,302,377	\$125,302,377	\$125,302,377	\$125,802,377
1994/95	14,327,500	14,327,500	14,327,500	14,327,500
1995/96	16,727,041	16,727,041	16,727,041	16,727,041
1996/97	11,236,700	11,236,700	11,236,700	11,236,700
1997/98	30,083,500	30,083,500	30,083,500	30,083,500
1998/99	9,880,000	12,880,000	12,880,000	13,180,000
1999/00	33,190,000	33,190,000	33,190,000	33,190,000
2000/01	10,411,000	10,411,000	10,411,000	10,411,000
2001/02	23,647,540	23,647,540	23,647,540	23,647,540
2002/03	4,353,870	4,268,500	4,268,500	4,268,500
2003/04	8,886,852	8,377,500	8,377,500	8,377,500
2004/05	20,725,054	19,802,919	19,714,115	19,714,115
2005/06	13,104,996	12,891,261	12,867,086	12,869,503
2006/07	6,992,242	4,991,199	4,750,000	4,750,000
2007/08	12,368,761	11,634,275	11,552,189	11,576,815
2008/09	10,086,493	10,466,485	10,487,193	10,478,910
2009/10	13,939,145	17,466,831	17,562,314	17,161,804
2010/11	0	11,340,219	11,425,998	9,328,000
2011/12	571,130,362	39,533,793	39,475,446	145,829,768
2012/13	0	16,019,397	16,021,442	12,816,336

(2) is from Exhibit MM-Stroger-3.

(3) is from Exhibit MM-Stroger-4.

(4) is from Exhibit MM-Stroger-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Projected A-priori Loss Rate per Occupied Bed Equivalent (7)/(5) (8)
2003/04	\$8,377,500	2,401	\$3,488.83	1.661	\$5,796.59	\$4,296.30
2004/05	19,714,115	2,370	8,319.64	1.582	13,164.62	4,511.11
2005/06	12,869,503	2,282	5,638.99	1.507	8,497.98	4,736.67
2006/07	4,750,000	2,131	2,228.77	1.435	3,198.83	4,973.50
2007/08	11,576,815	2,195	5,275.18	1.367	7,210.63	5,222.18
2008/09	10,478,910	2,280	4,595.99	1.302	5,983.09	5,483.28
2009/10	17,161,804	2,257	7,602.86	1.229	9,345.29	5,807.27
2010/11	9,328,000	2,159	4,321.24	1.140	4,927.34	6,260.13
2011/12	145,829,768	2,171	67,174.67	1.086	72,949.18	6,573.14
2012/13	12,816,336	2,191	5,849.79	1.046	6,119.25	6,823.86

(7) Projected 2013/14 a-priori loss rate per Occupied Bed Equivalent \$7,138.18

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$2,855,000	28.3%	\$5,483.28	2,280	\$8,963,256	\$11,818,256
2009/10	1,517,500	10.9%	5,807.27	2,257	11,681,560	13,199,060
2010/11	0	2.2%	6,260.13	2,159	13,219,131	13,219,131
2011/12	20,099,999	0.0%	6,573.14	2,171	14,267,059	34,367,058
2012/13	0	0.0%	6,823.86	2,191	14,949,057	14,949,057

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$9,255,000	88.4%	\$5,483.28	2,280	\$1,447,089	\$10,702,089
2009/10	14,367,500	82.3%	5,807.27	2,257	2,326,011	16,693,511
2010/11	8,480,000	74.8%	6,260.13	2,159	3,408,327	11,888,327
2011/12	32,172,499	62.3%	6,573.14	2,171	5,377,505	37,550,004
2012/13	6,655,000	41.5%	6,823.86	2,191	8,739,505	15,394,505

Section I, (2) is from Exhibit MM-Stroger-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit MM-Stroger-10.

Section I, (5) is based on a 5% trend and adjusted for change in retention.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit MM-Stroger-1.

Sections II and III, (3) are from Exhibit MM-Stroger-2.

Sections II and III, (4) are from Section I, (8).



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

Exhibit MM-Stroger-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Occupied Bed Equivalents (6)	Frequency (per Occupied Bed Equivalent) (5)/(6) (7)
2003/04	120.0	106	100.0%	106	2,401	0.04
2004/05	108.0	72	100.0%	72	2,370	0.03
2005/06	96.0	63	100.0%	63	2,282	0.03
2006/07	84.0	42	100.0%	42	2,131	0.02
2007/08	72.0	29	100.0%	29	2,195	0.01
2008/09	60.0	30	100.0%	30	2,280	0.01
2009/10	48.0	27	100.0%	27	2,257	0.01
2010/11	36.0	36	98.5%	37	2,159	0.02
2011/12	24.0	31	95.2%	33	2,171	0.02
2012/13	12.0	33	77.7%	42	2,191	0.02

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$8,377,500	106	\$79,033	1.661	\$131,311	\$228,920	\$24,265,474
2004/05	19,714,115	72	273,807	1.582	433,260	240,366	17,306,319
2005/06	12,869,503	63	204,278	1.507	307,848	252,384	15,900,180
2006/07	4,750,000	42	113,095	1.435	162,319	265,003	11,130,126
2007/08	11,576,815	29	399,201	1.367	545,666	278,253	8,069,342
2008/09	10,478,910	30	349,297	1.302	454,717	292,166	8,764,975
2009/10	17,161,804	27	635,622	1.229	781,295	309,429	8,354,570
2010/11	9,328,000	37	252,108	1.140	287,469	333,558	12,341,662
2011/12	145,829,768	33	4,419,084	1.086	4,798,959	350,236	11,557,800
2012/13	12,816,336	42	305,151	1.046	319,207	363,595	15,271,009
(7) Projected 2013/14 average claim severity					\$380,344		

Section I, (3) is from Exhibit MM-Stroger-1.

Section I, (4) is from Exhibit MM-Stroger-2.

Section I, (6) is from Exhibit MM-Stroger-10.

Section II, (2) is from Exhibit MM-Stroger-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend and adjusted for change in retention.

Section II, (7) is based on (6) and actuarial judgment.



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

Exhibit MM-Stroger-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (9)
to 1993/94	\$120,302,377	\$125,302,377	\$125,302,377				\$123,602,400	\$125,802,377
1994/95	14,327,500	14,327,500	14,327,500				14,327,500	14,327,500
1995/96	16,727,041	16,727,041	16,727,041				16,727,041	16,727,041
1996/97	11,236,700	11,236,700	11,236,700				11,236,700	11,236,700
1997/98	30,083,500	30,083,500	30,083,500				30,083,500	30,083,500
1998/99	9,880,000	12,880,000	12,880,000				13,180,000	13,180,000
1999/00	33,190,000	33,190,000	33,190,000				33,190,000	33,190,000
2000/01	10,411,000	10,411,000	10,411,000				10,411,000	10,411,000
2001/02	23,647,540	23,647,540	23,647,540				23,647,540	23,647,540
2002/03	4,353,870	4,268,500	4,268,500				4,268,500	4,268,500
2003/04	8,886,852	8,377,500	8,377,500				8,377,500	8,377,500
2004/05	20,725,054	19,802,919	19,714,115				19,822,000	19,750,000
2005/06	13,104,996	12,891,261	12,867,086				11,075,000	13,000,000
2006/07	6,992,242	4,991,199	4,750,000				15,000,000	8,500,000
2007/08	12,368,761	11,634,275	11,552,189				15,000,000	13,500,000
2008/09	10,086,493	10,466,485	10,487,193	11,818,256	10,702,089	8,764,975	17,500,000	15,000,000
2009/10	13,939,145	17,466,831	17,562,314	13,199,060	16,693,511	8,354,570	17,500,000	18,500,000
2010/11	0	11,340,219	11,425,998	13,219,131	11,888,327	12,341,662	20,000,000	18,000,000
2011/12	571,130,362	39,533,793	39,475,446	34,367,058	37,550,004	11,557,800	40,000,000	42,000,000
2012/13	0	16,019,397	16,021,442	14,949,057	15,394,505	15,271,009	20,977,000	20,000,000

(2) is from Exhibit MM-Stroger-3.

(3) is from Exhibit MM-Stroger-4.

(4) is from Exhibit MM-Stroger-5.

(5) and (6) are from Exhibit MM-Stroger-7.

(7) is from Exhibit MM-Stroger-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



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

Exhibit MM-Stroger-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)
2003/04	\$8,377,500	2,401	\$3,488.83	1.661	\$5,796.59
2004/05	19,750,000	2,370	8,334.79	1.582	13,188.59
2005/06	13,000,000	2,282	5,696.17	1.507	8,584.15
2006/07	8,500,000	2,131	3,988.33	1.435	5,724.22
2007/08	13,500,000	2,195	6,151.51	1.367	8,408.49
2008/09	15,000,000	2,280	6,578.91	1.302	8,564.47
2009/10	18,500,000	2,257	8,195.69	1.229	10,073.99
2010/11	18,000,000	2,159	8,338.59	1.140	9,508.16
2011/12	42,000,000	2,171	19,346.78	1.086	21,009.88
2012/13	20,000,000	2,191	9,128.65	1.046	9,549.14
Total	\$176,627,500	22,437	\$7,872.29		\$10,040.77

Claim Period (1)	Projected Limited Loss Rate per Occupied Bed Equivalent (7)	Projected Occupied Bed Equivalents (8)	Projected Ultimate Limited Losses (7)X(8) (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per Occupied Bed Equivalent (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2013/14	\$8,821.98	2,226	\$19,636,000	0.80	\$7,098.04	\$15,799,000
2014/15	9,263.08	2,294	21,254,000	0.80	7,452.94	17,101,000
2015/16	9,726.23	2,294	22,317,000	0.80	7,825.59	17,956,000

(2) is from Exhibit MM-Stroger-9.

(3) was provided by the County.

(5) is based on a 5% trend and adjusted for change in retention.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) to 2014/15 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Stroger-2.



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

Exhibit MM-Stroger-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$120,302,377	\$5,000,000	\$125,302,377	\$125,802,377	\$500,000	\$5,500,000	1.00	\$5,500,000
1994/95	14,327,500	0	14,327,500	14,327,500	0	0	1.00	0
1995/96	16,727,041	0	16,727,041	16,727,041	0	0	1.00	0
1996/97	11,236,700	0	11,236,700	11,236,700	0	0	1.00	0
1997/98	30,083,500	0	30,083,500	30,083,500	0	0	1.00	0
1998/99	9,880,000	3,000,000	12,880,000	13,180,000	300,000	3,300,000	1.00	3,300,000
1999/00	33,190,000	0	33,190,000	33,190,000	0	0	1.00	0
2000/01	10,411,000	0	10,411,000	10,411,000	0	0	1.00	0
2001/02	23,647,540	0	23,647,540	23,647,540	0	0	1.00	0
2002/03	4,268,500	0	4,268,500	4,268,500	0	0	0.98	0
2003/04	8,377,500	0	8,377,500	8,377,500	0	0	0.97	0
2004/05	18,606,850	1,000,000	19,606,850	19,750,000	143,150	1,143,150	0.96	1,094,000
2005/06	10,505,000	2,070,000	12,575,000	13,000,000	425,000	2,495,000	0.95	2,375,791
2006/07	4,750,000	0	4,750,000	8,500,000	3,750,000	3,750,000	0.94	3,537,317
2007/08	7,002,000	3,800,000	10,802,000	13,500,000	2,698,000	6,498,000	0.93	6,038,494
2008/09	2,855,000	6,400,000	9,255,000	15,000,000	5,745,000	12,145,000	0.93	11,303,840
2009/10	1,517,500	12,850,000	14,367,500	18,500,000	4,132,500	16,982,500	0.91	15,536,125
2010/11	0	8,480,000	8,480,000	18,000,000	9,520,000	18,000,000	0.89	16,054,098
2011/12	20,099,999	12,072,500	32,172,499	42,000,000	9,827,501	21,900,001	0.86	18,911,248
2012/13	0	6,655,000	6,655,000	20,000,000	13,345,000	20,000,000	0.83	16,670,680
Total	\$347,788,007	\$61,327,500	\$409,115,507	\$459,501,658	\$50,386,151	\$111,713,651		\$100,321,593

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit MM-Stroger-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Stroger-2.



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

Exhibit MM-Stroger-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$5,500,000	\$5,500,000	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	3,300,000	3,300,000	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2004/05	108.0	89.8%	120.0	94.3%	43.9%	1,143,150	502,086	641,064	0.97	622,340
2005/06	96.0	80.2%	108.0	89.8%	48.5%	2,495,000	1,209,693	1,285,307	0.96	1,230,045
2006/07	84.0	67.9%	96.0	80.2%	38.1%	3,750,000	1,429,930	2,320,070	0.95	2,209,219
2007/08	72.0	56.6%	84.0	67.9%	26.1%	6,498,000	1,695,585	4,802,415	0.94	4,530,044
2008/09	60.0	28.3%	72.0	56.6%	39.5%	12,145,000	4,794,857	7,350,143	0.93	6,830,377
2009/10	48.0	10.9%	60.0	28.3%	19.5%	16,982,500	3,319,489	13,663,011	0.93	12,716,714
2010/11	36.0	2.2%	48.0	10.9%	8.9%	18,000,000	1,602,564	16,397,436	0.91	15,000,890
2011/12	24.0	0.0%	36.0	2.2%	2.2%	21,900,001	472,946	21,427,055	0.89	19,110,669
2012/13	12.0	0.0%	24.0	0.0%	0.0%	20,000,000	1,815	19,998,185	0.86	17,268,978
2013/14	0.0	0.0%	12.0	0.0%	0.0%	19,636,000	1,781	19,634,219	0.83	16,365,790
Total						\$131,349,651	\$23,830,746	\$107,518,905		\$95,885,066

(3) and (5) are from Exhibit MM-Stroger-2.

(7) to 2012/13 is from Exhibit MM-Stroger-11. The amount for 2013/14 is from Exhibit MM-Stroger-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Stroger-2.



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

Exhibit MM-Stroger-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	94.3%	132.0	98.0%	65.8%	641,064	421,753	219,311	0.98	215,467
2005/06	108.0	89.8%	120.0	94.3%	43.9%	1,285,307	564,523	720,784	0.97	699,732
2006/07	96.0	80.2%	108.0	89.8%	48.5%	2,320,070	1,124,879	1,195,191	0.96	1,143,803
2007/08	84.0	67.9%	96.0	80.2%	38.1%	4,802,415	1,831,232	2,971,183	0.95	2,829,222
2008/09	72.0	56.6%	84.0	67.9%	26.1%	7,350,143	1,917,943	5,432,200	0.94	5,124,110
2009/10	60.0	28.3%	72.0	56.6%	39.5%	13,663,011	5,394,169	8,268,842	0.93	7,684,110
2010/11	48.0	10.9%	60.0	28.3%	19.5%	16,397,436	3,205,129	13,192,307	0.93	12,278,611
2011/12	36.0	2.2%	48.0	10.9%	8.9%	21,427,055	1,907,680	19,519,375	0.91	17,856,938
2012/13	24.0	0.0%	36.0	2.2%	2.2%	19,998,185	431,875	19,566,310	0.89	17,451,081
2013/14	12.0	0.0%	24.0	0.0%	0.0%	19,634,219	1,781	19,632,438	0.86	16,953,145
2014/15	0.0	0.0%	12.0	0.0%	0.0%	21,254,000	1,928	21,252,072	0.83	17,714,325
Total						\$128,772,905	\$16,802,892	\$111,970,013		\$99,950,544

(3) and (5) are from Exhibit MM-Stroger-2.

(7) to 2013/14 is from Exhibit MM-Stroger-12, (9). The amount for 2014/15 is from Exhibit MM-Stroger-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Stroger-2.



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

Exhibit MM-Stroger-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	98.0%	144.0	100.0%	100.0%	219,311	219,311	0	1.00	0
2005/06	120.0	94.3%	132.0	98.0%	65.8%	720,784	474,200	246,584	0.98	242,262
2006/07	108.0	89.8%	120.0	94.3%	43.9%	1,195,191	524,943	670,248	0.97	650,672
2007/08	96.0	80.2%	108.0	89.8%	48.5%	2,971,183	1,440,569	1,530,614	0.96	1,464,805
2008/09	84.0	67.9%	96.0	80.2%	38.1%	5,432,200	2,071,378	3,360,822	0.95	3,200,245
2009/10	72.0	56.6%	84.0	67.9%	26.1%	8,268,842	2,157,668	6,111,174	0.94	5,764,576
2010/11	60.0	28.3%	72.0	56.6%	39.5%	13,192,307	5,208,335	7,983,972	0.93	7,419,385
2011/12	48.0	10.9%	60.0	28.3%	19.5%	19,519,375	3,815,360	15,704,015	0.93	14,616,359
2012/13	36.0	2.2%	48.0	10.9%	8.9%	19,566,310	1,742,015	17,824,295	0.91	16,306,226
2013/14	24.0	0.0%	36.0	2.2%	2.2%	19,632,438	423,976	19,208,462	0.89	17,131,918
2014/15	12.0	0.0%	24.0	0.0%	0.0%	21,252,072	1,928	21,250,144	0.86	18,350,078
2015/16	0.0	0.0%	12.0	0.0%	0.0%	22,317,000	2,025	22,314,975	0.83	18,600,291
Total						\$134,287,013	\$18,081,708	\$116,205,305		\$103,746,817

(3) and (5) are from Exhibit MM-Stroger-2.

(7) to 2014/15 is from Exhibit MM-Stroger-13, (9). The amount for 2015/16 is from Exhibit MM-Stroger-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Stroger-2.

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97009089	5/9/1976	to 1993/94	Unlimited	\$0	\$5,000,000	\$5,000,000
97005676	1/21/1990	to 1993/94	Unlimited	6,500,000	0	6,500,000
97004522	11/25/1996	1995/96	Unlimited	1,500,000	0	1,500,000
97002438	10/21/1997	1996/97	Unlimited	6,750,000	0	6,750,000
97002232	4/9/1998	1997/98	Unlimited	19,250,000	0	19,250,000
97004204	8/28/1998	1997/98	Unlimited	1,500,000	0	1,500,000
97009808	5/3/1999	1998/99	Unlimited	0	3,000,000	3,000,000
97003451	3/6/2001	2000/01	10,000,000	7,000,000	0	7,000,000
97004134	9/9/2002	2001/02	15,000,000	12,000,000	0	12,000,000
97004269	9/20/2002	2001/02	15,000,000	9,000,000	0	9,000,000
97004808	12/19/2003	2003/04	20,000,000	3,750,000	0	3,750,000
97005705	3/4/2005	2004/05	20,000,000	4,500,000	0	4,500,000
97005615	4/22/2005	2004/05	20,000,000	0	1,000,000	1,000,000
97006373	5/13/2005	2004/05	20,000,000	2,000,000	0	2,000,000
97005712	8/12/2005	2004/05	20,000,000	9,800,000	0	9,800,000
97009247	8/8/2006	2005/06	20,000,000	0	2,000,000	2,000,000
97006800	9/15/2006	2005/06	20,000,000	6,250,000	0	6,250,000
97006263	9/23/2006	2005/06	20,000,000	1,200,000	0	1,200,000
97006482	10/21/2006	2005/06	20,000,000	1,250,000	0	1,250,000
97007988	3/1/2007	2006/07	20,000,000	1,750,000	0	1,750,000
97008116	10/3/2007	2006/07	20,000,000	1,000,000	0	1,000,000
97007247	10/19/2007	2006/07	20,000,000	1,700,000	0	1,700,000
97007071	1/18/2008	2007/08	20,000,000	2,400,000	0	2,400,000
97007276	5/30/2008	2007/08	20,000,000	2,050,000	0	2,050,000
97008189	7/30/2008	2007/08	20,000,000	0	3,000,000	3,000,000
97007510	10/11/2008	2007/08	20,000,000	2,500,000	0	2,500,000
97008908	1/10/2009	2008/09	20,000,000	0	1,000,000	1,000,000
97008090	4/6/2009	2008/09	20,000,000	2,250,000	0	2,250,000
97009006	5/6/2009	2008/09	20,000,000	0	1,500,000	1,500,000
97008088	6/21/2009	2008/09	20,000,000	0	1,500,000	1,500,000
97009155	6/24/2009	2008/09	20,000,000	0	1,000,000	1,000,000
97009936	8/30/2009	2008/09	20,000,000	0	1,000,000	1,000,000
97010273	1/11/2010	2009/10	20,000,000	0	2,000,000	2,000,000
97009127	6/16/2010	2009/10	40,000,000	1,337,500	0	1,337,500
97009609	6/21/2010	2009/10	40,000,000	0	2,250,000	2,250,000
97009807	8/18/2010	2009/10	40,000,000	0	1,000,000	1,000,000
97008821	9/1/2010	2009/10	40,000,000	0	1,500,000	1,500,000
97008751	10/5/2010	2009/10	40,000,000	0	3,000,000	3,000,000
97009853	11/29/2010	2009/10	40,000,000	0	2,500,000	2,500,000
97009478	12/19/2010	2010/11	40,000,000	0	2,500,000	2,500,000
97009939	3/20/2011	2010/11	40,000,000	0	2,000,000	2,000,000
97009210	9/19/2011	2010/11	40,000,000	0	1,000,000	1,000,000
97009208	9/29/2011	2010/11	40,000,000	0	1,000,000	1,000,000
97009296	12/2/2011	2011/12	20,000,000	20,000,000 *	0	20,000,000 *
97009852	12/20/2011	2011/12	40,000,000	0	1,000,000	1,000,000
97009816	12/24/2011	2011/12	40,000,000	0	2,000,000	2,000,000
97010275	1/19/2012	2011/12	40,000,000	0	1,000,000	1,000,000
97009427	2/5/2012	2011/12	40,000,000	0	1,000,000	1,000,000
97010207	4/6/2012	2011/12	40,000,000	0	1,000,000	1,000,000
97009531	5/8/2012	2011/12	40,000,000	0	5,000,000	5,000,000
97009982	1/25/2013	2012/13	40,000,000	0	2,000,000	2,000,000
97010091	3/20/2013	2012/13	30,000,000	0	1,000,000	1,000,000
97010439	10/8/2013	2012/13	30,000,000	0	2,000,000	2,000,000

The claim(s) indicated by a "*" have been limited in development.

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



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

Exhibit MM-Stroger-16

Calculation of Occupied Bed Equivalents

Claim Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Physicians (6)	Housestaff (7)	Occupied Bed Equivalents (8)
to 1993/94							
1994/95	523	160,201	487,360	60,480	374	596	2,568
1995/96	474	163,169	498,968	50,410	369	588	2,505
1996/97	415	157,214	487,470	48,991	373	548	2,408
1997/98	393	153,602	479,152	64,814	376	535	2,380
1998/99	367	148,324	480,902	87,850	365	541	2,328
1999/00	363	141,013	485,066	141,276	358	490	2,272
2000/01	360	136,073	481,095	269,485	381	465	2,352
2001/02	388	141,693	502,382	189,599	414	444	2,442
2002/03	345	150,271	498,328	172,516	400	457	2,379
2003/04	353	148,568	520,088	174,789	401	463	2,401
2004/05	352	141,500	511,426	173,667	397	461	2,370
2005/06	338	135,358	512,883	152,169	378	460	2,282
2006/07	317	128,643	415,673	136,033	355	450	2,131
2007/08	314	127,998	392,825	128,266	389	433	2,195
2008/09	313	155,000	432,529	143,627	389	446	2,280
2009/10	313	155,000	127,500	64,000	433	460	2,257
2010/11	313	131,000	127,500	64,000	416	455	2,159
2011/12	313	131,000	127,500	64,000	420	455	2,171
2012/13	302	137,000	175,000	64,000	420	455	2,191
2013/14	302	137,000	175,000	64,000	433	455	2,226
2014/15	299	123,600	175,000	64,000	469	455	2,294

(2) through (7) were provided by the County. (4) is for Fantus. (5) is for CORE. (7) assumes no change from 2010/11.

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 2013. 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
Physicians	2.750
Housestaff	0.800 (residents and interns)



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	5	0	\$2,775,000	\$0	\$2,775,000
1994/95	Unlimited	None	228.0	403	1	0	3,000	0	3,000
1995/96	Unlimited	None	216.0	385	2	0	2,000	0	2,000
1996/97	Unlimited	None	204.0	399	1	0	0	0	0
1997/98	Unlimited	None	192.0	410	2	0	0	0	0
1998/99	Unlimited	None	180.0	406	0	0	0	0	0
1999/00	Unlimited	None	168.0	352	1	0	0	0	0
2000/01	10,000,000	25,000,000	156.0	336	0	0	0	0	0
2001/02	15,000,000	50,000,000	144.0	331	2	0	100,000	0	100,000
2002/03	20,000,000	80,000,000	132.0	341	3	0	1,050,000	0	1,050,000
2003/04	20,000,000	None	120.0	387	4	0	20,375,000	0	20,375,000
2004/05	20,000,000	None	108.0	392	3	0	1,900,000	0	1,900,000
2005/06	20,000,000	None	96.0	384	8	0	620,000	0	620,000
2006/07	20,000,000	None	84.0	353	4	0	0	0	0
2007/08	20,000,000	None	72.0	283	1	0	0	0	0
2008/09	20,000,000	None	60.0	348	1	1	0	50,000	50,000
2009/10	40,000,000	None	48.0	233	1	1	0	100,000	100,000
2010/11	40,000,000	None	36.0	200	0	0	0	0	0
2011/12	40,000,000	None	24.0	62	1	0	0	0	0
2012/13	30,000,000	None	12.0	62	0	0	0	0	0
Total					40	2	\$26,825,000	\$150,000	\$26,975,000

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/75	Unlimited
12/01/00	10,000,000
12/01/01	15,000,000
12/01/02	20,000,000
03/01/10	40,000,000
03/01/13	30,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	5	0	\$2,775,000	\$0	\$2,775,000
1994/95	Unlimited	None	228.0	403	1	0	3,000	0	3,000
1995/96	Unlimited	None	216.0	385	2	0	2,000	0	2,000
1996/97	Unlimited	None	204.0	399	1	0	0	0	0
1997/98	Unlimited	None	192.0	410	2	0	0	0	0
1998/99	Unlimited	None	180.0	406	0	0	0	0	0
1999/00	Unlimited	None	168.0	352	1	0	0	0	0
2000/01	Unlimited	25,000,000	156.0	336	0	0	0	0	0
2001/02	Unlimited	50,000,000	144.0	331	2	0	100,000	0	100,000
2002/03	Unlimited	80,000,000	132.0	341	3	0	1,050,000	0	1,050,000
2003/04	Unlimited	None	120.0	387	4	0	20,375,000	0	20,375,000
2004/05	Unlimited	None	108.0	392	3	0	1,900,000	0	1,900,000
2005/06	Unlimited	None	96.0	384	8	0	620,000	0	620,000
2006/07	Unlimited	None	84.0	353	4	0	0	0	0
2007/08	Unlimited	None	72.0	283	1	0	0	0	0
2008/09	Unlimited	None	60.0	348	1	1	0	50,000	50,000
2009/10	Unlimited	None	48.0	233	1	1	0	100,000	100,000
2010/11	Unlimited	None	36.0	200	0	0	0	0	0
2011/12	Unlimited	None	24.0	62	1	0	0	0	0
2012/13	Unlimited	None	12.0	62	0	0	0	0	0
Total					40	2	\$26,825,000	\$150,000	\$26,975,000

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-2

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	99.0%	100.0%	100.0%
132.0	98.0%	100.0%	100.0%	126.0	96.2%	100.0%	100.0%
120.0	94.3%	100.0%	100.0%	114.0	92.0%	99.5%	100.0%
108.0	89.8%	99.0%	100.0%	102.0	85.0%	98.0%	100.0%
96.0	80.2%	97.1%	100.0%	90.0	74.0%	96.1%	100.0%
84.0	67.9%	95.2%	100.0%	78.0	62.3%	94.2%	100.0%
72.0	56.6%	93.3%	100.0%	66.0	42.5%	91.1%	100.0%
60.0	28.3%	88.9%	100.0%	54.0	19.6%	85.8%	100.0%
48.0	10.9%	82.7%	100.0%	42.0	6.5%	78.9%	99.0%
36.0	2.2%	75.1%	98.0%	30.0	1.1%	68.9%	95.7%
24.0	0.0%	62.6%	93.4%	18.0	0.0%	52.2%	84.0%
12.0	0.0%	41.7%	74.7%	6.0	0.0%	20.9%	37.3%

(2), (3) and (4) are based on other similar programs with which we are familiar.

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$2,775,000	100.0%	\$2,775,000
1994/95	228.0	3,000	100.0%	3,000
1995/96	216.0	2,000	100.0%	2,000
1996/97	204.0	0	100.0%	0
1997/98	192.0	0	100.0%	0
1998/99	180.0	0	100.0%	0
1999/00	168.0	0	100.0%	0
2000/01	156.0	0	100.0%	0
2001/02	144.0	100,000	100.0%	100,000
2002/03	132.0	1,050,000	98.0%	1,071,000
2003/04	120.0	20,375,000	94.3%	20,397,800 *
2004/05	108.0	1,900,000	89.8%	2,116,296
2005/06	96.0	620,000	80.2%	773,450
2006/07	84.0	0	67.9%	0
2007/08	72.0	0	56.6%	0
2008/09	60.0	0	28.3%	0
2009/10	48.0	0	10.9%	0
2010/11	36.0	0	2.2%	0
2011/12	24.0	0	0.0%	0
2012/13	12.0	0	0.0%	0

* - Indicates large claim(s) limited to retention. For details, see Exhibit MM-Oak Forest-15.

(3) is from Exhibit MM-Oak Forest-1.

(4) is from Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$2,775,000	100.0%	\$2,775,000
1994/95	228.0	3,000	100.0%	3,000
1995/96	216.0	2,000	100.0%	2,000
1996/97	204.0	0	100.0%	0
1997/98	192.0	0	100.0%	0
1998/99	180.0	0	100.0%	0
1999/00	168.0	0	100.0%	0
2000/01	156.0	0	100.0%	0
2001/02	144.0	100,000	100.0%	100,000
2002/03	132.0	1,050,000	100.0%	1,050,000
2003/04	120.0	20,375,000	100.0%	20,375,000
2004/05	108.0	1,900,000	99.0%	1,919,000
2005/06	96.0	620,000	97.1%	638,724
2006/07	84.0	0	95.2%	0
2007/08	72.0	0	93.3%	0
2008/09	60.0	50,000	88.9%	56,271
2009/10	48.0	100,000	82.7%	120,982
2010/11	36.0	0	75.1%	0
2011/12	24.0	0	62.6%	0
2012/13	12.0	0	41.7%	0

(3) is from Exhibit MM-Oak Forest-1.

(4) is from Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$2,775,000	\$0	\$2,775,000
1994/95	228.0	100.0%	100.0%	100.0%	3,000	0	3,000
1995/96	216.0	100.0%	100.0%	100.0%	2,000	0	2,000
1996/97	204.0	100.0%	100.0%	100.0%	0	0	0
1997/98	192.0	100.0%	100.0%	100.0%	0	0	0
1998/99	180.0	100.0%	100.0%	100.0%	0	0	0
1999/00	168.0	100.0%	100.0%	100.0%	0	0	0
2000/01	156.0	100.0%	100.0%	100.0%	0	0	0
2001/02	144.0	100.0%	100.0%	100.0%	100,000	0	100,000
2002/03	132.0	98.0%	100.0%	100.0%	1,050,000	0	1,050,000
2003/04	120.0	94.3%	100.0%	100.0%	20,375,000	0	20,375,000
2004/05	108.0	89.8%	99.0%	90.3%	1,900,000	0	1,900,000
2005/06	96.0	80.2%	97.1%	85.2%	620,000	0	620,000
2006/07	84.0	67.9%	95.2%	84.9%	0	0	0
2007/08	72.0	56.6%	93.3%	84.6%	0	0	0
2008/09	60.0	28.3%	88.9%	84.5%	0	50,000	59,202
2009/10	48.0	10.9%	82.7%	80.5%	0	100,000	124,164
2010/11	36.0	2.2%	75.1%	74.6%	0	0	0
2011/12	24.0	0.0%	62.6%	62.6%	0	0	0
2012/13	12.0	0.0%	41.7%	41.7%	0	0	0

(3) and (4) are from Exhibit MM-Oak Forest-2.

(6) and (7) are from Exhibit MM-Oak Forest-1.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$2,775,000	\$2,775,000	\$2,775,000	\$2,775,000
1994/95	3,000	3,000	3,000	3,000
1995/96	2,000	2,000	2,000	2,000
1996/97	0	0	0	0
1997/98	0	0	0	0
1998/99	0	0	0	0
1999/00	0	0	0	0
2000/01	0	0	0	0
2001/02	100,000	100,000	100,000	100,000
2002/03	1,071,000	1,050,000	1,050,000	1,050,000
2003/04	20,397,800	20,375,000	20,375,000	20,375,000
2004/05	2,116,296	1,919,000	1,900,000	1,900,000
2005/06	773,450	638,724	620,000	620,000
2006/07	0	0	0	0
2007/08	0	0	0	0
2008/09	0	56,271	59,202	58,029
2009/10	0	120,982	124,164	110,475
2010/11	0	0	0	0
2011/12	0	0	0	0
2012/13	0	0	0	0

(2) is from Exhibit MM-Oak Forest-3.

(3) is from Exhibit MM-Oak Forest-4.

(4) is from Exhibit MM-Oak Forest-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Projected A-priori Loss Rate per Occupied Bed Equivalent (7)/(5) (8)
2003/04	\$20,375,000	387	\$52,681.44	1.661	\$87,528.76	\$2,722.12
2004/05	1,900,000	392	4,848.31	1.582	7,671.75	2,858.22
2005/06	620,000	384	1,615.51	1.507	2,434.59	3,001.13
2006/07	0	353	0.00	1.435	0.00	3,151.19
2007/08	0	283	0.00	1.367	0.00	3,308.75
2008/09	58,029	348	166.84	1.302	217.20	3,474.19
2009/10	110,475	233	475.10	1.229	583.99	3,679.46
2010/11	0	200	0.00	1.140	0.00	3,966.39
2011/12	0	62	0.00	1.086	0.00	4,164.71
2012/13	0	62	0.00	1.046	0.00	4,323.57

(7) Projected 2013/14 a-priori loss rate per Occupied Bed Equivalent \$4,522.72

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$0	28.3%	\$3,474.19	348	\$866,318	\$866,318
2009/10	0	10.9%	3,679.46	233	762,433	762,433
2010/11	0	2.2%	3,966.39	200	774,173	774,173
2011/12	0	0.0%	4,164.71	62	257,645	257,645
2012/13	0	0.0%	4,323.57	62	267,496	267,496

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$50,000	88.9%	\$3,474.19	348	\$134,652	\$184,652
2009/10	100,000	82.7%	3,679.46	233	148,381	248,381
2010/11	0	75.1%	3,966.39	200	196,721	196,721
2011/12	0	62.6%	4,164.71	62	96,328	96,328
2012/13	0	41.7%	4,323.57	62	155,841	155,841

Section I, (2) is from Exhibit MM-Oak Forest-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit MM-Oak Forest-10.

Section I, (5) is based on a 5% trend and adjusted for change in retention.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit MM-Oak Forest-1.

Sections II and III, (3) are from Exhibit MM-Oak Forest-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Occupied Bed Equivalents (6)	Frequency (per Occupied Bed Equivalent) (5)/(6) (7)
2003/04	120.0	4	100.0%	4	387	0.01
2004/05	108.0	3	100.0%	3	392	0.01
2005/06	96.0	8	100.0%	8	384	0.02
2006/07	84.0	4	100.0%	4	353	0.01
2007/08	72.0	1	100.0%	1	283	0.00
2008/09	60.0	1	100.0%	1	348	0.00
2009/10	48.0	1	100.0%	1	233	0.00
2010/11	36.0	0	98.0%	0	200	0.00
2011/12	24.0	1	93.4%	1	62	0.02
2012/13	12.0	0	74.7%	0	62	0.00

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$20,375,000	4	\$5,093,750	1.661	\$8,463,126	\$286,083	\$1,144,334
2004/05	1,900,000	3	633,333	1.582	1,002,158	300,388	901,163
2005/06	620,000	8	77,500	1.507	116,793	315,407	2,523,256
2006/07	0	4	0	1.435	0	331,177	1,324,710
2007/08	0	1	0	1.367	0	347,736	347,736
2008/09	58,029	1	58,029	1.302	75,543	365,123	365,123
2009/10	110,475	1	110,475	1.229	135,794	386,696	386,696
2010/11	0	0	0	1.140	0	416,852	0
2011/12	0	1	0	1.086	0	437,695	437,695
2012/13	0	0	0	1.046	0	454,390	0
(7) Projected 2013/14 average claim severity					\$475,320		

Section I, (3) is from Exhibit MM-Oak Forest-1.

Section I, (4) is from Exhibit MM-Oak Forest-2.

Section I, (6) is from Exhibit MM-Oak Forest-10.

Section II, (2) is from Exhibit MM-Oak Forest-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend and adjusted for change in retention.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (8)
to 1993/94	\$2,775,000	\$2,775,000	\$2,775,000				\$2,775,000	\$2,775,000
1994/95	3,000	3,000	3,000				3,000	3,000
1995/96	2,000	2,000	2,000				2,000	2,000
1996/97	0	0	0					0
1997/98	0	0	0					0
1998/99	0	0	0					0
1999/00	0	0	0					0
2000/01	0	0	0					0
2001/02	100,000	100,000	100,000					100,000
2002/03	1,071,000	1,050,000	1,050,000				1,050,000	1,050,000
2003/04	20,397,800	20,375,000	20,375,000				20,375,000	20,375,000
2004/05	2,116,296	1,919,000	1,900,000				1,900,000	1,900,000
2005/06	773,450	638,724	620,000				620,000	620,000
2006/07	0	0	0					0
2007/08	0	0	0				250,000	200,000
2008/09	0	56,271	59,202	866,318	184,652	365,123	800,000	500,000
2009/10	0	120,982	124,164	762,433	248,381	386,696	600,000	600,000
2010/11	0	0	0	774,173	196,721		600,000	500,000
2011/12	0	0	0	257,645	96,328	437,695	200,000	200,000
2012/13	0	0	0	267,496	155,841		391,000	200,000

(2) is from Exhibit MM-Oak Forest-3.

(3) is from Exhibit MM-Oak Forest-4.

(4) is from Exhibit MM-Oak Forest-5.

(5) and (6) are from Exhibit MM-Oak Forest-7.

(7) is from Exhibit MM-Oak Forest-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	
2003/04	\$20,375,000	387	\$52,681.44	1.661	\$87,528.76	
2004/05	1,900,000	392	4,848.31	1.582	7,671.75	
2005/06	620,000	384	1,615.51	1.507	2,434.59	
2006/07	0	353	0.00	1.435	0.00	
2007/08	200,000	283	707.08	1.367	966.51	
2008/09	500,000	348	1,437.58	1.302	1,871.46	
2009/10	600,000	233	2,580.34	1.229	3,171.70	
2010/11	500,000	200	2,505.92	1.140	2,857.40	
2011/12	200,000	62	3,232.32	1.086	3,510.18	
2012/13	200,000	62	3,232.32	1.046	3,381.21	
Total	\$25,095,000	2,701	\$9,289.46		\$11,339.36	
Claim Period (1)	Projected Limited Loss Rate per Occupied Bed Equivalent (7)	Projected Occupied Bed Equivalents (8)	Projected Ultimate Limited Losses (7)X(8) (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per Occupied Bed Equivalent (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2013/14	\$3,445.70	62	\$213,000	0.80	\$2,772.36	\$172,000
2014/15	3,617.98	62	224,000	0.80	2,910.98	180,000
2015/16	3,798.88	62	235,000	0.80	3,056.53	189,000

(2) is from Exhibit MM-Oak Forest-9.

(3) was provided by the County.

(5) is based on a 5% trend and adjusted for change in retention.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) to 2014/15 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$2,775,000	\$0	\$2,775,000	\$2,775,000	\$0	\$0	1.00	\$0
1994/95	3,000	0	3,000	3,000	0	0	1.00	0
1995/96	2,000	0	2,000	2,000	0	0	1.00	0
1996/97	0	0	0	0	0	0	1.00	0
1997/98	0	0	0	0	0	0	1.00	0
1998/99	0	0	0	0	0	0	1.00	0
1999/00	0	0	0	0	0	0	1.00	0
2000/01	0	0	0	0	0	0	1.00	0
2001/02	100,000	0	100,000	100,000	0	0	1.00	0
2002/03	1,050,000	0	1,050,000	1,050,000	0	0	0.98	0
2003/04	20,375,000	0	20,375,000	20,375,000	0	0	0.97	0
2004/05	1,900,000	0	1,900,000	1,900,000	0	0	0.96	0
2005/06	620,000	0	620,000	620,000	0	0	0.95	0
2006/07	0	0	0	0	0	0	0.94	0
2007/08	0	0	0	200,000	200,000	200,000	0.93	185,857
2008/09	0	50,000	50,000	500,000	450,000	500,000	0.93	465,370
2009/10	0	100,000	100,000	600,000	500,000	600,000	0.91	548,899
2010/11	0	0	0	500,000	500,000	500,000	0.89	445,947
2011/12	0	0	0	200,000	200,000	200,000	0.86	172,705
2012/13	0	0	0	200,000	200,000	200,000	0.83	166,707
Total	\$26,825,000	\$150,000	\$26,975,000	\$29,025,000	\$2,050,000	\$2,200,000		\$1,985,485

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit MM-Oak Forest-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2004/05	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2005/06	96.0	80.2%	108.0	89.8%	48.5%	0	0	0	0.96	0
2006/07	84.0	67.9%	96.0	80.2%	38.1%	0	0	0	0.95	0
2007/08	72.0	56.6%	84.0	67.9%	26.1%	200,000	52,188	147,812	0.94	139,429
2008/09	60.0	28.3%	72.0	56.6%	39.5%	500,000	197,400	302,600	0.93	281,202
2009/10	48.0	10.9%	60.0	28.3%	19.5%	600,000	117,279	482,721	0.93	449,288
2010/11	36.0	2.2%	48.0	10.9%	8.9%	500,000	44,516	455,484	0.91	416,691
2011/12	24.0	0.0%	36.0	2.2%	2.2%	200,000	4,319	195,681	0.89	174,527
2012/13	12.0	0.0%	24.0	0.0%	0.0%	200,000	18	199,982	0.86	172,690
2013/14	0.0	0.0%	12.0	0.0%	0.0%	213,000	19	212,981	0.83	177,527
Total						\$2,413,000	\$415,739	\$1,997,261		\$1,811,354

(3) and (5) are from Exhibit MM-Oak Forest-2.

(7) to 2012/13 is from Exhibit MM-Oak Forest-11. The amount for 2013/14 is from Exhibit MM-Oak Forest-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2005/06	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2006/07	96.0	80.2%	108.0	89.8%	48.5%	0	0	0	0.96	0
2007/08	84.0	67.9%	96.0	80.2%	38.1%	147,812	56,363	91,449	0.95	87,080
2008/09	72.0	56.6%	84.0	67.9%	26.1%	302,600	78,960	223,640	0.94	210,956
2009/10	60.0	28.3%	72.0	56.6%	39.5%	482,721	190,579	292,142	0.93	271,483
2010/11	48.0	10.9%	60.0	28.3%	19.5%	455,484	89,031	366,453	0.93	341,073
2011/12	36.0	2.2%	48.0	10.9%	8.9%	195,681	17,422	178,259	0.91	163,077
2012/13	24.0	0.0%	36.0	2.2%	2.2%	199,982	4,319	195,663	0.89	174,511
2013/14	12.0	0.0%	24.0	0.0%	0.0%	212,981	19	212,962	0.86	183,898
2014/15	0.0	0.0%	12.0	0.0%	0.0%	224,000	20	223,980	0.83	186,695
Total						\$2,221,261	\$436,713	\$1,784,548		\$1,618,773

(3) and (5) are from Exhibit MM-Oak Forest-2.

(7) to 2013/14 is from Exhibit MM-Oak Forest-12, (9). The amount for 2014/15 is from Exhibit MM-Oak Forest-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2006/07	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2007/08	96.0	80.2%	108.0	89.8%	48.5%	91,449	44,339	47,110	0.96	45,084
2008/09	84.0	67.9%	96.0	80.2%	38.1%	223,640	85,277	138,363	0.95	131,752
2009/10	72.0	56.6%	84.0	67.9%	26.1%	292,142	76,231	215,911	0.94	203,666
2010/11	60.0	28.3%	72.0	56.6%	39.5%	366,453	144,676	221,777	0.93	206,094
2011/12	48.0	10.9%	60.0	28.3%	19.5%	178,259	34,843	143,416	0.93	133,483
2012/13	36.0	2.2%	48.0	10.9%	8.9%	195,663	17,420	178,243	0.91	163,062
2013/14	24.0	0.0%	36.0	2.2%	2.2%	212,962	4,599	208,363	0.89	185,838
2014/15	12.0	0.0%	24.0	0.0%	0.0%	223,980	20	223,960	0.86	193,396
2015/16	0.0	0.0%	12.0	0.0%	0.0%	235,000	21	234,979	0.83	195,863
Total						\$2,019,548	\$407,426	\$1,612,122		\$1,458,238

(3) and (5) are from Exhibit MM-Oak Forest-2.

(7) to 2014/15 is from Exhibit MM-Oak Forest-13, (9). The amount for 2015/16 is from Exhibit MM-Oak Forest-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Oak Forest-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-15

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97005031	5/19/2004	2003/04	\$20,000,000	\$20,000,000 *	\$0	\$20,000,000

The claim(s) indicated by a "*" have been limited in development.

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



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - OAK FOREST HEALTH CENTER

Exhibit MM-Oak Forest-16

Calculation of Occupied Bed Equivalents

Claim Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Other Visits (6)	Physicians (7)	Occupied Bed Equivalents (8)
to 1993/94							
1994/95	111	2,066	72,698			94	403
1995/96	94	3,619	70,326			93	385
1996/97	106	5,333	73,916			92	399
1997/98	108	6,255	77,308			94	410
1998/99	108	10,103	82,779			89	406
1999/00	106	12,612	91,090			67	352
2000/01	78	14,340	91,232			70	336
2001/02	61	20,542	84,449			71	331
2002/03	67	23,156	88,763			70	341
2003/04	67	25,006	92,054			85	387
2004/05	67	31,162	85,787			83	392
2005/06	56	30,249	90,702			84	384
2006/07	39	29,012	75,083			82	353
2007/08	42	28,768	59,543			58	283
2008/09	46	27,785	72,464			79	348
2009/10	46	33,000	64,819			34	233
2010/11	46	16,500	64,819			34	200
2011/12	0	0	0			23	62
2012/13	0	0	0			23	62
2013/14	0	0	0			23	62
2014/15	0	0	0			23	62

(2) through (7) were provided by the County. Effective 09/01/11, Oak Forest Health Center discontinued all inpatient services.

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 2013. 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
Physicians	2.750
Housestaff	0.800 (residents and interns)



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	6	0	\$1,925,000	\$0	\$1,925,000
1994/95	Unlimited	None	228.0	251	7	0	369,000	0	369,000
1995/96	Unlimited	None	216.0	237	7	0	550,000	0	550,000
1996/97	Unlimited	None	204.0	273	7	0	4,391,000	0	4,391,000
1997/98	Unlimited	None	192.0	272	7	0	3,255,000	0	3,255,000
1998/99	Unlimited	None	180.0	298	12	0	1,245,000	0	1,245,000
1999/00	Unlimited	None	168.0	315	6	0	2,485,000	0	2,485,000
2000/01	10,000,000	25,000,000	156.0	314	7	0	345,000	0	345,000
2001/02	15,000,000	50,000,000	144.0	379	9	0	200,000	0	200,000
2002/03	20,000,000	80,000,000	132.0	390	11	0	1,025,000	0	1,025,000
2003/04	20,000,000	None	120.0	385	11	0	7,860,000	0	7,860,000
2004/05	20,000,000	None	108.0	391	11	0	90,000	0	90,000
2005/06	20,000,000	None	96.0	381	7	1	0	2,000,000	2,000,000
2006/07	20,000,000	None	84.0	375	2	1	0	500,000	500,000
2007/08	20,000,000	None	72.0	389	2	0	300,000	0	300,000
2008/09	20,000,000	None	60.0	525	3	0	300,000	0	300,000
2009/10	40,000,000	None	48.0	373	4	0	800,000	0	800,000
2010/11	40,000,000	None	36.0	373	0	0	0	0	0
2011/12	40,000,000	None	24.0	363	4	4	0	580,000	580,000
2012/13	30,000,000	None	12.0	238	0	0	0	0	0
Total					123	6	\$25,140,000	\$3,080,000	\$28,220,000

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/75	Unlimited
12/01/00	10,000,000
12/01/01	15,000,000
12/01/02	20,000,000
03/01/10	40,000,000
03/01/13	30,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	6	0	\$1,925,000	\$0	\$1,925,000
1994/95	Unlimited	None	228.0	251	7	0	369,000	0	369,000
1995/96	Unlimited	None	216.0	237	7	0	550,000	0	550,000
1996/97	Unlimited	None	204.0	273	7	0	4,391,000	0	4,391,000
1997/98	Unlimited	None	192.0	272	7	0	3,255,000	0	3,255,000
1998/99	Unlimited	None	180.0	298	12	0	1,245,000	0	1,245,000
1999/00	Unlimited	None	168.0	315	6	0	2,485,000	0	2,485,000
2000/01	Unlimited	25,000,000	156.0	314	7	0	345,000	0	345,000
2001/02	Unlimited	50,000,000	144.0	379	9	0	200,000	0	200,000
2002/03	Unlimited	80,000,000	132.0	390	11	0	1,025,000	0	1,025,000
2003/04	Unlimited	None	120.0	385	11	0	7,860,000	0	7,860,000
2004/05	Unlimited	None	108.0	391	11	0	90,000	0	90,000
2005/06	Unlimited	None	96.0	381	7	1	0	2,000,000	2,000,000
2006/07	Unlimited	None	84.0	375	2	1	0	500,000	500,000
2007/08	Unlimited	None	72.0	389	2	0	300,000	0	300,000
2008/09	Unlimited	None	60.0	525	3	0	300,000	0	300,000
2009/10	Unlimited	None	48.0	373	4	0	800,000	0	800,000
2010/11	Unlimited	None	36.0	373	0	0	0	0	0
2011/12	Unlimited	None	24.0	363	4	4	0	580,000	580,000
2012/13	Unlimited	None	12.0	238	0	0	0	0	0
Total					123	6	\$25,140,000	\$3,080,000	\$28,220,000

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	100.0%	100.0%	100.0%
132.0	100.0%	100.0%	100.0%	126.0	99.0%	100.0%	100.0%
120.0	98.0%	100.0%	100.0%	114.0	95.7%	100.0%	100.0%
108.0	93.4%	100.0%	100.0%	102.0	89.1%	99.5%	100.0%
96.0	84.9%	99.0%	100.0%	90.0	78.4%	98.0%	100.0%
84.0	71.9%	97.1%	100.0%	78.0	65.9%	96.1%	100.0%
72.0	59.9%	95.2%	100.0%	66.0	47.1%	92.9%	100.0%
60.0	34.3%	90.6%	100.0%	54.0	23.7%	86.5%	100.0%
48.0	13.2%	82.4%	100.0%	42.0	7.9%	78.6%	99.0%
36.0	2.6%	74.9%	98.0%	30.0	1.3%	71.5%	93.6%
24.0	0.0%	68.1%	89.1%	18.0	0.0%	51.1%	74.3%
12.0	0.0%	34.0%	59.4%	6.0	0.0%	17.0%	29.7%

(2) is from Exhibit MM-Provident-2 (page 2).

(3) is from Exhibit MM-Provident-2 (page 3).

(4) is from Exhibit MM-Provident-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04	\$0	\$1,200	\$1,200	\$1,200	\$1,225	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925
1994/05	0	0	0	0	104	104	304	369	369	369	369	369	369	369	369	369	369	369	369	369
1995/06	0	0	300	300	300	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
1996/07	0	0	1	1	2,501	2,501	3,501	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391
1997/08	0	0	5	2,255	2,255	2,255	2,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255	3,255
1998/09	0	0	0	0	150	150	165	495	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245
1999/00	0	0	0	935	935	985	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485
2000/01	0	0	0	0	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
2001/02	0	0	0	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
2002/03	0	0	0	0	50	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025
2003/04	0	0	0	0	6,360	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860
2004/05	0	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
2005/06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006/07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007/08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008/09	0	0	0	0	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
2009/10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011/12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012/13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

II. Limited Paid Loss Development

Claim Period	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-Ult
to 1993/04		1,000	1,000	1,021	1,571	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1994/05				1,300	1,000	2,923	1,214	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06			1,000	1,000	1,833	1,400	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07		1,000	1,000	2501,000	1,000	1,400	1,243	1,009	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08			451,000	1,000	1,000	1,000	1,443	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09				1,000	1,000	1,100	3,000	2,515	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00				1,000	1,053	2,523	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01				1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02						1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2002/03				1,812	20,500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04				1,236	1,236	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06					1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07				1,000																
2007/08																				
2008/09				1,000																
2009/10																				
2010/11																				
2011/12																				
2012/13																				

Average All	1,000	91,000	251,113	2,766	1,329	1,329	1,242	1,127	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wtd 3		#DIV/0!	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 3				1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 5																				
x-fllow																				
Similar	6,200	3,200	2,020	1,560	1,300	1,150	1,080	1,080	1,030	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous	2,000	120,000	5,000	2,600	1,750	1,200	1,180	1,100	1,050	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected	2,000	120,000	5,000	2,600	1,750	1,200	1,180	1,100	1,050	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	9108,315	4554,158	37,951	7,590	2,919	1,668	1,390	1,178	1,071	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	0.0%	0.0%	2.6%	13.2%	34.3%	59.9%	71.9%	84.9%	93.4%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04	\$1,530	\$2,130	\$2,480	\$2,505	\$2,075	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925	\$1,925
1994/05	1,800	1,400	1,650	1,730	1,250	1,454	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419
1995/06	150	3,300	3,925	1,900	1,250	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
1996/07	100	1,328	1,076	4,801	4,101	4,851	4,851	4,396	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391
1997/08	2,250	3,175	2,005	2,755	3,755	3,855	3,855	3,355	3,355	3,355	3,355	3,355	3,355	3,355	3,355	3,355	3,355	3,355	3,355	3,355
1998/09	750	4,200	4,250	2,750	2,950	1,300	265	995	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245
1999/00	0	2,500	4,650	4,085	2,085	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485	2,485
2000/01	405	875	550	845	845	5,345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
2001/02	615	2,385	2,035	1,800	1,700	2,800	250	1,200	200	200	200	200	200	200	200	200	200	200	200	200
2002/03	2,915	2,725	2,600	2,350	4,050	2,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025
2003/04	5,550	10,051	5,550	6,510	8,360	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860	7,860
2004/05	3,900	3,625	290	840	890	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
2005/06	2,550	3,250	1,150	2,250	2,750	3,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
2006/07	50	150	100	0	0	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
2007/08	200	115	250	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
2008/09	150	1,150	500	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
2009/10	185	1,575	950	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
2010/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011/12	130	580	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012/13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04	1,392	1,164	1,010	0,828	0,928	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1994/05	0,778	1,179	1,048	0,528	0,497	0,890	1,037	1,000	1,000	0,881	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	22,000	1,189	0,484	0,658	0,440	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	15,260	0,705	0,462	0,854	1,163	1,000	0,966	0,999	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	1,411	0,531	1,374	1,363	1,027	1,000	0,966	1,031	0,993	0,977	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	5,600	1,012	0,647	1,073	0,441	0,204	3,755	1,251	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	2,160	0,629	1,860	0,510	1,192	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	3,878	0,853	0,885	0,944	1,647	0,085	4,800	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	0,935	0,954	0,904	1,723	0,500	0,506	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2002/03	1,813	0,552	1,173	1,284	0,940	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	0,929	0,080	2,897	1,060	0,101	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	1,275	0,354	1,957	1,222	1,091	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	3,000	0,667	0,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	0,575	2,174	1,200	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	7,667	0,435	0,600	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	8,514	0,603	0,842	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	4,462	0,603	0,842	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2010/11																				
2011/12																				
2012/13																				

Average All	4,803	0,885	1,288	1,003	1,237	0,744	1,488	0,954	0,999	0,986	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wtd 3	6,841	0,532	0,824	1,000	1,246	0,721	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 3	1,071	0,881	0,851	1,000	1,000	0,889	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 5 x-til low	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568	0,568
Similar	3,500	2,000	1,345	1,110	1,030	1,003	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
Previous	2,000	1,100	1,100	1,100	1,050	1,020	1,020	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected	2,000	1,100	1,100	1,100	1,050	1,020	1,020	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
Cumulative	2,937	1,469	1,335	1,214	1,103	1,051	1,030	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
Percent	34.0%	68.1%	74.9%	82.4%	90.6%	95.2%	97.1%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04	2	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1994/05	4	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1995/06	1	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1996/07	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1997/08	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1998/09	1	9	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1999/00	2	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2000/01	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
2001/02	5	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2002/03	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
2003/04	3	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
2004/05	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
2005/06	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
2006/07	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2007/08	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2008/09	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2009/10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2010/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011/12	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2012/13	0																			

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04	2,000	1,250	1,200	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1994/05	1,230	1,200	1,167	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	5,000	1,200	1,167	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	9,000	1,111	1,100	1,091	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	2,500	1,200	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	1,167	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	1,800	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2002/03	1,222	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	3,667	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	1,167	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	1,500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2010/11																				
2011/12	1,333																			
2012/13																				

Average
All
Wtd 3
Last 3
Last 5
x-tilt,low

Similar	1,500	1,100	1,020	1,020	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous																				
Selected	1,500	1,100	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	1,683	1,122	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	59.4%	89.1%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Data was provided by the County.

COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04	0.0%	56.3%	48.4%	47.9%	59.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1994/05	0.0%	0.0%	0.0%	4.8%	11.4%	22.9%	75.2%	88.1%	88.1%	88.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1995/06	0.0%	0.0%	7.6%	15.8%	24.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1996/07	0.0%	0.1%	0.1%	0.0%	61.0%	51.6%	72.2%	89.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1997/08	0.0%	0.0%	0.2%	0.0%	60.1%	58.5%	62.3%	49.7%	97.0%	97.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1998/09	0.0%	0.0%	0.0%	0.0%	5.1%	11.5%	58.5%	49.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1999/00	0.0%	0.0%	0.0%	22.9%	44.8%	39.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2000/01	0.0%	0.0%	0.0%	40.8%	40.8%	6.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2001/02	0.0%	0.0%	0.0%	0.0%	0.0%	7.1%	80.0%	16.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2002/03	0.0%	0.0%	0.0%	0.0%	0.0%	50.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2003/04	0.0%	0.0%	0.0%	53.9%	76.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2004/05	0.0%	2.5%	31.0%	10.7%	10.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2005/06	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006/07	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2007/08	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2008/09	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2009/10	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2010/11	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2011/12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2012/13	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average																				
All		3.3%	5.1%	29.9%	39.6%	49.9%	74.9%	81.0%	98.8%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 3						33.3%	33.3%	66.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 5						66.7%	66.7%	72.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
x-high																				
Implicit	0.0%	0.0%	3.5%	16.0%	37.8%	63.0%	74.1%	85.7%	93.4%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$1,925,000	100.0%	\$1,925,000
1994/95	228.0	369,000	100.0%	369,000
1995/96	216.0	550,000	100.0%	550,000
1996/97	204.0	4,391,000	100.0%	4,391,000
1997/98	192.0	3,255,000	100.0%	3,255,000
1998/99	180.0	1,245,000	100.0%	1,245,000
1999/00	168.0	2,485,000	100.0%	2,485,000
2000/01	156.0	345,000	100.0%	345,000
2001/02	144.0	200,000	100.0%	200,000
2002/03	132.0	1,025,000	100.0%	1,025,000
2003/04	120.0	7,860,000	98.0%	8,017,200
2004/05	108.0	90,000	93.4%	96,390
2005/06	96.0	0	84.9%	0
2006/07	84.0	0	71.9%	0
2007/08	72.0	300,000	59.9%	500,457
2008/09	60.0	300,000	34.3%	875,800
2009/10	48.0	800,000	13.2%	6,072,210
2010/11	36.0	0	2.6%	0
2011/12	24.0	0	0.0%	0
2012/13	12.0	0	0.0%	0

(3) is from Exhibit MM-Provident-1.

(4) is from Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$1,925,000	100.0%	\$1,925,000
1994/95	228.0	369,000	100.0%	369,000
1995/96	216.0	550,000	100.0%	550,000
1996/97	204.0	4,391,000	100.0%	4,391,000
1997/98	192.0	3,255,000	100.0%	3,255,000
1998/99	180.0	1,245,000	100.0%	1,245,000
1999/00	168.0	2,485,000	100.0%	2,485,000
2000/01	156.0	345,000	100.0%	345,000
2001/02	144.0	200,000	100.0%	200,000
2002/03	132.0	1,025,000	100.0%	1,025,000
2003/04	120.0	7,860,000	100.0%	7,860,000
2004/05	108.0	90,000	100.0%	90,000
2005/06	96.0	2,000,000	99.0%	2,020,000
2006/07	84.0	500,000	97.1%	515,100
2007/08	72.0	300,000	95.2%	315,241
2008/09	60.0	300,000	90.6%	331,003
2009/10	48.0	800,000	82.4%	970,943
2010/11	36.0	0	74.9%	0
2011/12	24.0	580,000	68.1%	851,760
2012/13	12.0	0	34.0%	0

(3) is from Exhibit MM-Provident-1.

(4) is from Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$1,925,000	\$0	\$1,925,000
1994/95	228.0	100.0%	100.0%	100.0%	369,000	0	369,000
1995/96	216.0	100.0%	100.0%	100.0%	550,000	0	550,000
1996/97	204.0	100.0%	100.0%	100.0%	4,391,000	0	4,391,000
1997/98	192.0	100.0%	100.0%	100.0%	3,255,000	0	3,255,000
1998/99	180.0	100.0%	100.0%	100.0%	1,245,000	0	1,245,000
1999/00	168.0	100.0%	100.0%	100.0%	2,485,000	0	2,485,000
2000/01	156.0	100.0%	100.0%	100.0%	345,000	0	345,000
2001/02	144.0	100.0%	100.0%	100.0%	200,000	0	200,000
2002/03	132.0	100.0%	100.0%	100.0%	1,025,000	0	1,025,000
2003/04	120.0	98.0%	100.0%	100.0%	7,860,000	0	7,860,000
2004/05	108.0	93.4%	100.0%	100.0%	90,000	0	90,000
2005/06	96.0	84.9%	99.0%	93.5%	0	2,000,000	2,140,167
2006/07	84.0	71.9%	97.1%	89.6%	0	500,000	558,316
2007/08	72.0	59.9%	95.2%	87.9%	300,000	0	300,000
2008/09	60.0	34.3%	90.6%	85.8%	300,000	0	300,000
2009/10	48.0	13.2%	82.4%	79.7%	800,000	0	800,000
2010/11	36.0	2.6%	74.9%	74.2%	0	0	0
2011/12	24.0	0.0%	68.1%	68.1%	0	580,000	851,847
2012/13	12.0	0.0%	34.0%	34.0%	0	0	0

(3) and (4) are from Exhibit MM-Provident-2.

(6) and (7) are from Exhibit MM-Provident-1.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$1,925,000	\$1,925,000	\$1,925,000	\$1,925,000
1994/95	369,000	369,000	369,000	369,000
1995/96	550,000	550,000	550,000	550,000
1996/97	4,391,000	4,391,000	4,391,000	4,391,000
1997/98	3,255,000	3,255,000	3,255,000	3,255,000
1998/99	1,245,000	1,245,000	1,245,000	1,245,000
1999/00	2,485,000	2,485,000	2,485,000	2,485,000
2000/01	345,000	345,000	345,000	345,000
2001/02	200,000	200,000	200,000	200,000
2002/03	1,025,000	1,025,000	1,025,000	1,025,000
2003/04	8,017,200	7,860,000	7,860,000	7,860,000
2004/05	96,390	90,000	90,000	90,000
2005/06	0	2,020,000	2,140,167	2,200,000
2006/07	0	515,100	558,316	550,000
2007/08	500,457	315,241	300,000	300,000
2008/09	875,800	331,003	300,000	300,000
2009/10	6,072,210	970,943	800,000	800,000
2010/11	0	0	0	0
2011/12	0	851,760	851,847	681,443
2012/13	0	0	0	0

(2) is from Exhibit MM-Provident-3.

(3) is from Exhibit MM-Provident-4.

(4) is from Exhibit MM-Provident-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Projected A-priori Loss Rate per Occupied Bed Equivalent (7)/(5) (8)
2003/04	\$7,860,000	385	\$20,421.76	1.661	\$33,930.19	\$3,104.61
2004/05	90,000	391	230.21	1.582	364.27	3,259.84
2005/06	2,200,000	381	5,778.06	1.507	8,707.56	3,422.83
2006/07	550,000	375	1,467.88	1.435	2,106.77	3,593.97
2007/08	300,000	389	770.48	1.367	1,053.17	3,773.67
2008/09	300,000	525	570.92	1.302	743.23	3,962.36
2009/10	800,000	373	2,145.73	1.229	2,637.48	4,196.47
2010/11	0	373	0.00	1.140	0.00	4,523.72
2011/12	681,443	363	1,878.11	1.086	2,039.56	4,749.91
2012/13	0	238	0.00	1.046	0.00	4,931.08

(7) Projected 2013/14 a-priori loss rate per Occupied Bed Equivalent \$5,158.22

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$300,000	34.3%	\$3,962.36	525	\$1,368,885	\$1,668,885
2009/10	800,000	13.2%	4,196.47	373	1,358,457	2,158,457
2010/11	0	2.6%	4,523.72	373	1,642,157	1,642,157
2011/12	0	0.0%	4,749.91	363	1,723,051	1,723,051
2012/13	0	0.0%	4,931.08	238	1,174,008	1,174,008

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$300,000	90.6%	\$3,962.36	525	\$195,018	\$495,018
2009/10	800,000	82.4%	4,196.47	373	275,459	1,075,459
2010/11	0	74.9%	4,523.72	373	423,273	423,273
2011/12	580,000	68.1%	4,749.91	363	549,872	1,129,872
2012/13	0	34.0%	4,931.08	238	774,376	774,376

Section I, (2) is from Exhibit MM-Provident-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit MM-Provident-10.

Section I, (5) is based on a 5% trend and adjusted for change in retention.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit MM-Provident-1.

Sections II and III, (3) are from Exhibit MM-Provident-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Occupied Bed Equivalents (6)	Frequency (per Occupied Bed Equivalent) (5)/(6) (7)
2003/04	120.0	11	100.0%	11	385	0.03
2004/05	108.0	11	100.0%	11	391	0.03
2005/06	96.0	7	100.0%	7	381	0.02
2006/07	84.0	2	100.0%	2	375	0.01
2007/08	72.0	2	100.0%	2	389	0.01
2008/09	60.0	3	100.0%	3	525	0.01
2009/10	48.0	4	100.0%	4	373	0.01
2010/11	36.0	0	98.0%	0	373	0.00
2011/12	24.0	4	89.1%	4	363	0.01
2012/13	12.0	0	59.4%	0	238	0.00

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$7,860,000	11	\$714,545	1.661	\$1,187,198	\$170,603	\$1,876,633
2004/05	90,000	11	8,182	1.582	12,947	179,133	1,970,465
2005/06	2,200,000	7	314,286	1.507	473,630	188,090	1,316,629
2006/07	550,000	2	275,000	1.435	394,692	197,494	394,989
2007/08	300,000	2	150,000	1.367	205,035	207,369	414,738
2008/09	300,000	3	100,000	1.302	130,181	217,738	653,213
2009/10	800,000	4	200,000	1.229	245,836	230,603	922,410
2010/11	0	0	0	1.140	0	248,586	0
2011/12	681,443	4	170,361	1.086	185,005	261,015	1,044,059
2012/13	0	0	0	1.046	0	270,971	0
(7) Projected 2013/14 average claim severity					\$283,452		

Section I, (3) is from Exhibit MM-Provident-1.

Section I, (4) is from Exhibit MM-Provident-2.

Section I, (6) is from Exhibit MM-Provident-10.

Section II, (2) is from Exhibit MM-Provident-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend and adjusted for change in retention.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (9)
to 1993/94	\$1,925,000	\$1,925,000	\$1,925,000				\$1,925,000	\$1,925,000
1994/95	369,000	369,000	369,000				369,000	369,000
1995/96	550,000	550,000	550,000				550,000	550,000
1996/97	4,391,000	4,391,000	4,391,000				4,391,000	4,391,000
1997/98	3,255,000	3,255,000	3,255,000				3,255,000	3,255,000
1998/99	1,245,000	1,245,000	1,245,000				1,245,000	1,245,000
1999/00	2,485,000	2,485,000	2,485,000				2,485,000	2,485,000
2000/01	345,000	345,000	345,000				345,000	345,000
2001/02	200,000	200,000	200,000				200,000	200,000
2002/03	1,025,000	1,025,000	1,025,000				1,025,000	1,025,000
2003/04	8,017,200	7,860,000	7,860,000				7,860,000	7,860,000
2004/05	96,390	90,000	90,000				90,000	90,000
2005/06	0	2,020,000	2,140,167				2,200,000	2,200,000
2006/07	0	515,100	558,316				556,000	550,000
2007/08	500,457	315,241	300,000				1,000,000	700,000
2008/09	875,800	331,003	300,000	1,668,885	495,018	653,213	1,500,000	1,000,000
2009/10	6,072,210	970,943	800,000	2,158,457	1,075,459	922,410	2,000,000	1,500,000
2010/11	0	0	0	1,642,157	423,273		2,000,000	1,500,000
2011/12	0	851,760	851,847	1,723,051	1,129,872	1,044,059	2,500,000	2,000,000
2012/13	0	0	0	1,174,008	774,376		1,751,000	1,750,000

(2) is from Exhibit MM-Provident-3.

(3) is from Exhibit MM-Provident-4.

(4) is from Exhibit MM-Provident-5.

(5) and (6) are from Exhibit MM-Provident-7.

(7) is from Exhibit MM-Provident-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Present Value of Projected Limited Loss Rate per Occupied Bed Equivalent (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2003/04	\$7,860,000	385	\$20,421.76	1.661	\$33,930.19		
2004/05	90,000	391	230.21	1.582	364.27		
2005/06	2,200,000	381	5,778.06	1.507	8,707.56		
2006/07	550,000	375	1,467.88	1.435	2,106.77		
2007/08	700,000	389	1,797.79	1.367	2,457.39		
2008/09	1,000,000	525	1,903.06	1.302	2,477.42		
2009/10	1,500,000	373	4,023.24	1.229	4,945.28		
2010/11	1,500,000	373	4,023.24	1.140	4,587.54		
2011/12	2,000,000	363	5,512.16	1.086	5,986.00		
2012/13	1,750,000	238	7,349.57	1.046	7,688.11		
Total	\$19,150,000	3,793	\$5,049.14		\$7,325.05		
2013/14	\$7,325.05	238	\$1,744,000	0.81	\$5,954.15		\$1,418,000
2014/15	7,691.31	236	1,815,000	0.81	6,251.85		1,475,000
2015/16	8,075.87	236	1,906,000	0.81	6,564.44		1,549,000

(2) is from Exhibit MM-Provident-9.

(3) was provided by the County.

(5) is based on a 5% trend and adjusted for change in retention.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) to 2014/15 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$1,925,000	\$0	\$1,925,000	\$1,925,000	\$0	\$0	1.00	\$0
1994/95	369,000	0	369,000	369,000	0	0	1.00	0
1995/96	550,000	0	550,000	550,000	0	0	1.00	0
1996/97	4,391,000	0	4,391,000	4,391,000	0	0	1.00	0
1997/98	3,255,000	0	3,255,000	3,255,000	0	0	1.00	0
1998/99	1,245,000	0	1,245,000	1,245,000	0	0	1.00	0
1999/00	2,485,000	0	2,485,000	2,485,000	0	0	1.00	0
2000/01	345,000	0	345,000	345,000	0	0	1.00	0
2001/02	200,000	0	200,000	200,000	0	0	1.00	0
2002/03	1,025,000	0	1,025,000	1,025,000	0	0	1.00	0
2003/04	7,860,000	0	7,860,000	7,860,000	0	0	0.98	0
2004/05	90,000	0	90,000	90,000	0	0	0.97	0
2005/06	0	2,000,000	2,000,000	2,200,000	200,000	2,200,000	0.96	2,119,099
2006/07	0	500,000	500,000	550,000	50,000	550,000	0.95	524,742
2007/08	300,000	0	300,000	700,000	400,000	400,000	0.94	375,738
2008/09	300,000	0	300,000	1,000,000	700,000	700,000	0.94	655,418
2009/10	800,000	0	800,000	1,500,000	700,000	700,000	0.92	646,017
2010/11	0	0	0	1,500,000	1,500,000	1,500,000	0.90	1,351,102
2011/12	0	580,000	580,000	2,000,000	1,420,000	2,000,000	0.87	1,744,778
2012/13	0	0	0	1,750,000	1,750,000	1,750,000	0.84	1,473,657
Total	\$25,140,000	\$3,080,000	\$28,220,000	\$34,940,000	\$6,720,000	\$9,800,000		\$8,890,551

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit MM-Provident-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	98.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	108.0	93.4%	120.0	98.0%	70.4%	0	0	0	0.98	0
2005/06	96.0	84.9%	108.0	93.4%	56.1%	2,200,000	1,235,261	964,739	0.97	938,087
2006/07	84.0	71.9%	96.0	84.9%	46.1%	550,000	253,743	296,257	0.96	285,363
2007/08	72.0	59.9%	84.0	71.9%	29.9%	400,000	119,726	280,274	0.95	267,403
2008/09	60.0	34.3%	72.0	59.9%	39.1%	700,000	273,533	426,467	0.94	400,600
2009/10	48.0	13.2%	60.0	34.3%	24.3%	700,000	169,948	530,052	0.94	496,294
2010/11	36.0	2.6%	48.0	13.2%	10.8%	1,500,000	162,376	1,337,624	0.92	1,234,468
2011/12	24.0	0.0%	36.0	2.6%	2.6%	2,000,000	52,271	1,947,729	0.90	1,754,387
2012/13	12.0	0.0%	24.0	0.0%	0.0%	1,750,000	192	1,749,808	0.87	1,526,513
2013/14	0.0	0.0%	12.0	0.0%	0.0%	1,744,000	191	1,743,809	0.84	1,468,444
Total						\$11,544,000	\$2,267,241	\$9,276,759		\$8,371,559

(3) and (5) are from Exhibit MM-Provident-2.

(7) to 2012/13 is from Exhibit MM-Provident-11. The amount for 2013/14 is from Exhibit MM-Provident-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	98.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	108.0	93.4%	120.0	98.0%	70.4%	964,739	679,394	285,345	0.98	280,343
2006/07	96.0	84.9%	108.0	93.4%	56.1%	296,257	166,343	129,914	0.97	126,325
2007/08	84.0	71.9%	96.0	84.9%	46.1%	280,274	129,305	150,969	0.96	145,417
2008/09	72.0	59.9%	84.0	71.9%	29.9%	426,467	127,648	298,819	0.95	285,096
2009/10	60.0	34.3%	72.0	59.9%	39.1%	530,052	207,124	322,928	0.94	303,341
2010/11	48.0	13.2%	60.0	34.3%	24.3%	1,337,624	324,752	1,012,872	0.94	948,363
2011/12	36.0	2.6%	48.0	13.2%	10.8%	1,947,729	210,843	1,736,886	0.92	1,602,940
2012/13	24.0	0.0%	36.0	2.6%	2.6%	1,749,808	45,732	1,704,076	0.90	1,534,920
2013/14	12.0	0.0%	24.0	0.0%	0.0%	1,743,809	191	1,743,618	0.87	1,521,113
2014/15	0.0	0.0%	12.0	0.0%	0.0%	1,815,000	199	1,814,801	0.84	1,528,225
Total						\$11,091,759	\$1,891,531	\$9,200,228		\$8,276,083

(3) and (5) are from Exhibit MM-Provident-2.

(7) to 2013/14 is from Exhibit MM-Provident-12, (9). The amount for 2014/15 is from Exhibit MM-Provident-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	120.0	98.0%	132.0	100.0%	100.0%	285,345	285,345	0	1.00	0
2006/07	108.0	93.4%	120.0	98.0%	70.4%	129,914	91,489	38,425	0.98	37,751
2007/08	96.0	84.9%	108.0	93.4%	56.1%	150,969	84,766	66,203	0.97	64,374
2008/09	84.0	71.9%	96.0	84.9%	46.1%	298,819	137,861	160,958	0.96	155,039
2009/10	72.0	59.9%	84.0	71.9%	29.9%	322,928	96,658	226,270	0.95	215,879
2010/11	60.0	34.3%	72.0	59.9%	39.1%	1,012,872	395,791	617,081	0.94	579,652
2011/12	48.0	13.2%	60.0	34.3%	24.3%	1,736,886	421,685	1,315,201	0.94	1,231,438
2012/13	36.0	2.6%	48.0	13.2%	10.8%	1,704,076	184,467	1,519,609	0.92	1,402,419
2013/14	24.0	0.0%	36.0	2.6%	2.6%	1,743,618	45,571	1,698,047	0.90	1,529,489
2014/15	12.0	0.0%	24.0	0.0%	0.0%	1,814,801	199	1,814,602	0.87	1,583,039
2015/16	0.0	0.0%	12.0	0.0%	0.0%	1,906,000	209	1,905,791	0.84	1,604,847
Total						\$11,106,228	\$1,744,041	\$9,362,187		\$8,403,927

(3) and (5) are from Exhibit MM-Provident-2.

(7) to 2014/15 is from Exhibit MM-Provident-13, (9). The amount for 2015/16 is from Exhibit MM-Provident-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Provident-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - PROVIDENT HOSPITAL

Exhibit MM-Provident-15

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97006011	2/20/2004	2003/04	\$20,000,000	\$1,500,000	\$0	\$1,500,000
97007664	9/3/2006	2005/06	20,000,000	0	2,000,000	2,000,000

The claim(s) indicated by a "*" have been limited in development.

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

Calculation of Occupied Bed Equivalents

Claim Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Other Visits (6)	Physicians (7)	Occupied Bed Equivalents (8)
to 1993/94							
1994/95	66	43,949	35,623	414	127	30	251
1995/96	67	42,851	45,047	668	224	24	237
1996/97	70	48,409	50,424	809	260	31	273
1997/98	70	52,833	47,555	998	401	28	272
1998/99	71	57,364	57,720	1,348	595	32	298
1999/00	71	57,449	59,353	1,304	644	38	315
2000/01	71	53,876	59,623	1,646	852	40	314
2001/02	75	52,325	62,898	1,652	950	63	379
2002/03	80	50,888	64,367	2,233	702	66	390
2003/04	78	51,988	50,698	2,371	450	66	385
2004/05	72	50,678	46,053	2,012	925	72	391
2005/06	76	47,949	45,248	1,853	656	69	381
2006/07	60	43,563	36,774	2,053	705	77	375
2007/08	57	40,370	42,204	1,885	604	85	389
2008/09	53	39,647	44,955	1,627	605	136	525
2009/10	45	40,000	49,663	1,505	605	83	373
2010/11	45	40,000	49,663	1,505	605	83	373
2011/12	45	35,000	49,663	1,505	605	83	363
2012/13	25	38,450	49,663	1,505	605	42	238
2013/14	25	38,450	49,663	1,505	605	42	238
2014/15	25	36,000	49,663	1,505	605	43	236

(2) through (7) were provided by the County. (4) through (6) assumes no change from 2009/10.

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 2013. 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
Physicians	2.750
Housestaff	0.800 (residents and interns)



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	119	0	\$35,222,608	\$0	\$35,222,608
1994/95	Unlimited	None	228.0	Not Provided	1	0	0	0	0
1995/96	Unlimited	None	216.0	Not Provided	1	0	0	0	0
1996/97	Unlimited	None	204.0	Not Provided	1	0	0	0	0
1997/98	Unlimited	None	192.0	Not Provided	2	0	8,500,000	0	8,500,000
1998/99	Unlimited	None	180.0	Not Provided	1	0	0	0	0
1999/00	Unlimited	None	168.0	Not Provided	0	0	0	0	0
2000/01	10,000,000	25,000,000	156.0	Not Provided	1	0	0	0	0
2001/02	15,000,000	50,000,000	144.0	Not Provided	6	0	750,000	0	750,000
2002/03	20,000,000	80,000,000	132.0	Not Provided	7	0	800,000	0	800,000
2003/04	20,000,000	None	120.0	Not Provided	8	0	0	0	0
2004/05	20,000,000	None	108.0	Not Provided	3	0	0	0	0
2005/06	20,000,000	None	96.0	Not Provided	4	0	1,320	0	1,320
2006/07	20,000,000	None	84.0	Not Provided	0	0	0	0	0
2007/08	20,000,000	None	72.0	Not Provided	0	0	0	0	0
2008/09	20,000,000	None	60.0	Not Provided	0	0	0	0	0
2009/10	40,000,000	None	48.0	443	0	0	0	0	0
2010/11	40,000,000	None	36.0	443	2	2	0	80,000	80,000
2011/12	40,000,000	None	24.0	443	1	0	0	0	0
2012/13	30,000,000	None	12.0	408	1	1	0	10,000	10,000
Total					158	3	\$45,273,928	\$90,000	\$45,363,928

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/75	Unlimited
12/01/00	10,000,000
12/01/01	15,000,000
12/01/02	20,000,000
03/01/10	40,000,000
03/01/13	30,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Occupied Bed Equivalents (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	119	0	\$35,222,608	\$0	\$35,222,608
1994/95	Unlimited	None	228.0	Not Provided	1	0	0	0	0
1995/96	Unlimited	None	216.0	Not Provided	1	0	0	0	0
1996/97	Unlimited	None	204.0	Not Provided	1	0	0	0	0
1997/98	Unlimited	None	192.0	Not Provided	2	0	8,500,000	0	8,500,000
1998/99	Unlimited	None	180.0	Not Provided	1	0	0	0	0
1999/00	Unlimited	None	168.0	Not Provided	0	0	0	0	0
2000/01	Unlimited	25,000,000	156.0	Not Provided	1	0	0	0	0
2001/02	Unlimited	50,000,000	144.0	Not Provided	6	0	750,000	0	750,000
2002/03	Unlimited	80,000,000	132.0	Not Provided	7	0	800,000	0	800,000
2003/04	Unlimited	None	120.0	Not Provided	8	0	0	0	0
2004/05	Unlimited	None	108.0	Not Provided	3	0	0	0	0
2005/06	Unlimited	None	96.0	Not Provided	4	0	1,320	0	1,320
2006/07	Unlimited	None	84.0	Not Provided	0	0	0	0	0
2007/08	Unlimited	None	72.0	Not Provided	0	0	0	0	0
2008/09	Unlimited	None	60.0	Not Provided	0	0	0	0	0
2009/10	Unlimited	None	48.0	443	0	0	0	0	0
2010/11	Unlimited	None	36.0	443	2	2	0	80,000	80,000
2011/12	Unlimited	None	24.0	443	1	0	0	0	0
2012/13	Unlimited	None	12.0	408	1	1	0	10,000	10,000
Total					158	3	\$45,273,928	\$90,000	\$45,363,928

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-2

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	99.0%	100.0%	100.0%
132.0	98.0%	100.0%	100.0%	126.0	96.2%	100.0%	100.0%
120.0	94.3%	100.0%	100.0%	114.0	92.0%	99.5%	100.0%
108.0	89.8%	99.0%	100.0%	102.0	85.0%	98.0%	100.0%
96.0	80.2%	97.1%	100.0%	90.0	74.0%	96.1%	100.0%
84.0	67.9%	95.2%	100.0%	78.0	62.3%	94.2%	100.0%
72.0	56.6%	93.3%	100.0%	66.0	42.5%	91.1%	100.0%
60.0	28.3%	88.9%	100.0%	54.0	19.6%	85.8%	100.0%
48.0	10.9%	82.7%	100.0%	42.0	6.5%	78.9%	99.0%
36.0	2.2%	75.1%	98.0%	30.0	1.1%	71.7%	95.7%
24.0	0.0%	68.3%	93.4%	18.0	0.0%	56.9%	84.0%
12.0	0.0%	45.5%	74.7%	6.0	0.0%	22.8%	37.3%

(2), (3) and (4) are based on other similar programs with which we are familiar.

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$35,222,608	100.0%	\$35,222,608
1994/95	228.0	0	100.0%	0
1995/96	216.0	0	100.0%	0
1996/97	204.0	0	100.0%	0
1997/98	192.0	8,500,000	100.0%	8,500,000
1998/99	180.0	0	100.0%	0
1999/00	168.0	0	100.0%	0
2000/01	156.0	0	100.0%	0
2001/02	144.0	750,000	100.0%	750,000
2002/03	132.0	800,000	98.0%	816,000
2003/04	120.0	0	94.3%	0
2004/05	108.0	0	89.8%	0
2005/06	96.0	1,320	80.2%	1,647
2006/07	84.0	0	67.9%	0
2007/08	72.0	0	56.6%	0
2008/09	60.0	0	28.3%	0
2009/10	48.0	0	10.9%	0
2010/11	36.0	0	2.2%	0
2011/12	24.0	0	0.0%	0
2012/13	12.0	0	0.0%	0

(3) is from Exhibit MM-Unspecified-1.

(4) is from Exhibit MM-Unspecified-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$35,222,608	100.0%	\$35,222,608
1994/95	228.0	0	100.0%	0
1995/96	216.0	0	100.0%	0
1996/97	204.0	0	100.0%	0
1997/98	192.0	8,500,000	100.0%	8,500,000
1998/99	180.0	0	100.0%	0
1999/00	168.0	0	100.0%	0
2000/01	156.0	0	100.0%	0
2001/02	144.0	750,000	100.0%	750,000
2002/03	132.0	800,000	100.0%	800,000
2003/04	120.0	0	100.0%	0
2004/05	108.0	0	99.0%	0
2005/06	96.0	1,320	97.1%	1,360
2006/07	84.0	0	95.2%	0
2007/08	72.0	0	93.3%	0
2008/09	60.0	0	88.9%	0
2009/10	48.0	0	82.7%	0
2010/11	36.0	80,000	75.1%	106,464
2011/12	24.0	0	68.3%	0
2012/13	12.0	10,000	45.5%	21,958

(3) is from Exhibit MM-Unspecified-1.

(4) is from Exhibit MM-Unspecified-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$35,222,608	\$0	\$35,222,608
1994/95	228.0	100.0%	100.0%	100.0%	0	0	0
1995/96	216.0	100.0%	100.0%	100.0%	0	0	0
1996/97	204.0	100.0%	100.0%	100.0%	0	0	0
1997/98	192.0	100.0%	100.0%	100.0%	8,500,000	0	8,500,000
1998/99	180.0	100.0%	100.0%	100.0%	0	0	0
1999/00	168.0	100.0%	100.0%	100.0%	0	0	0
2000/01	156.0	100.0%	100.0%	100.0%	0	0	0
2001/02	144.0	100.0%	100.0%	100.0%	750,000	0	750,000
2002/03	132.0	98.0%	100.0%	100.0%	800,000	0	800,000
2003/04	120.0	94.3%	100.0%	100.0%	0	0	0
2004/05	108.0	89.8%	99.0%	90.3%	0	0	0
2005/06	96.0	80.2%	97.1%	85.2%	1,320	0	1,320
2006/07	84.0	67.9%	95.2%	84.9%	0	0	0
2007/08	72.0	56.6%	93.3%	84.6%	0	0	0
2008/09	60.0	28.3%	88.9%	84.5%	0	0	0
2009/10	48.0	10.9%	82.7%	80.5%	0	0	0
2010/11	36.0	2.2%	75.1%	74.6%	0	80,000	107,254
2011/12	24.0	0.0%	68.3%	68.3%	0	0	0
2012/13	12.0	0.0%	45.5%	45.5%	0	10,000	21,961

(3) and (4) are from Exhibit MM-Unspecified-2.

(6) and (7) are from Exhibit MM-Unspecified-1.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$35,222,608	\$35,222,608	\$35,222,608	\$35,222,608
1994/95	0	0	0	0
1995/96	0	0	0	0
1996/97	0	0	0	0
1997/98	8,500,000	8,500,000	8,500,000	8,500,000
1998/99	0	0	0	0
1999/00	0	0	0	0
2000/01	0	0	0	0
2001/02	750,000	750,000	750,000	750,000
2002/03	816,000	800,000	800,000	800,000
2003/04	0	0	0	0
2004/05	0	0	0	0
2005/06	1,647	1,360	1,320	1,320
2006/07	0	0	0	0
2007/08	0	0	0	0
2008/09	0	0	0	0
2009/10	0	0	0	0
2010/11	0	106,464	107,254	88,000
2011/12	0	0	0	0
2012/13	0	21,958	21,961	17,567

(2) is from Exhibit MM-Unspecified-3.

(3) is from Exhibit MM-Unspecified-4.

(4) is from Exhibit MM-Unspecified-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Projected A-priori Loss Rate per Occupied Bed Equivalent (7)/(5) (8)
2003/04	\$0	443	\$0.00	1.661	\$0.00	\$32.69
2004/05	0	443	0.00	1.582	0.00	34.33
2005/06	1,320	443	2.98	1.507	4.49	36.05
2006/07	0	443	0.00	1.435	0.00	37.85
2007/08	0	443	0.00	1.367	0.00	39.74
2008/09	0	443	0.00	1.302	0.00	41.73
2009/10	0	443	0.00	1.229	0.00	44.19
2010/11	88,000	443	198.65	1.140	226.51	47.64
2011/12	0	443	0.00	1.086	0.00	50.02
2012/13	17,567	408	43.11	1.046	45.10	51.93

(7) Projected 2013/14 a-priori loss rate per Occupied Bed Equivalent \$54.32

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$0	28.3%	\$41.73	443	\$13,253	\$13,253
2009/10	0	10.9%	44.19	443	17,446	17,446
2010/11	0	2.2%	47.64	443	20,645	20,645
2011/12	0	0.0%	50.02	443	22,155	22,155
2012/13	0	0.0%	51.93	408	21,159	21,159

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per Occupied Bed Equivalent (4)	Occupied Bed Equivalents (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$0	88.9%	\$41.73	443	\$2,060	\$2,060
2009/10	0	82.7%	44.19	443	3,395	3,395
2010/11	80,000	75.1%	47.64	443	5,246	85,246
2011/12	0	68.3%	50.02	443	7,022	7,022
2012/13	10,000	45.5%	51.93	408	11,524	21,524

Section I, (2) is from Exhibit MM-Unspecified-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit MM-Unspecified-10.

Section I, (5) is based on a 5% trend and adjusted for change in retention.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit MM-Unspecified-1.

Sections II and III, (3) are from Exhibit MM-Unspecified-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Occupied Bed Equivalents (6)	Frequency (per Occupied Bed Equivalent) (5)/(6) (7)
2003/04	120.0	8	100.0%	8	443	0.02
2004/05	108.0	3	100.0%	3	443	0.01
2005/06	96.0	4	100.0%	4	443	0.01
2006/07	84.0	0	100.0%	0	443	0.00
2007/08	72.0	0	100.0%	0	443	0.00
2008/09	60.0	0	100.0%	0	443	0.00
2009/10	48.0	0	100.0%	0	443	0.00
2010/11	36.0	2	98.0%	2	443	0.00
2011/12	24.0	1	93.4%	1	443	0.00
2012/13	12.0	1	74.7%	1	408	0.00

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$0	8	\$0	1.661	\$0	\$8,251	\$66,012
2004/05	0	3	0	1.582	0	8,664	25,992
2005/06	1,320	4	330	1.507	497	9,097	36,389
2006/07	0	0	0	1.435	0	9,552	0
2007/08	0	0	0	1.367	0	10,030	0
2008/09	0	0	0	1.302	0	10,531	0
2009/10	0	0	0	1.229	0	11,153	0
2010/11	88,000	2	44,000	1.140	50,171	12,023	24,046
2011/12	0	1	0	1.086	0	12,624	12,624
2012/13	17,567	1	17,567	1.046	18,377	13,106	13,106

(7) Projected 2013/14 average claim severity

\$13,710

Section I, (3) is from Exhibit MM-Unspecified-1.

Section I, (4) is from Exhibit MM-Unspecified-2.

Section I, (6) is from Exhibit MM-Unspecified-10.

Section II, (2) is from Exhibit MM-Unspecified-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend and adjusted for change in retention.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (8)
to 1993/94	\$35,222,608	\$35,222,608	\$35,222,608				\$35,222,608	\$35,222,608
1994/95	0	0	0					0
1995/96	0	0	0					0
1996/97	0	0	0					0
1997/98	8,500,000	8,500,000	8,500,000				8,500,000	8,500,000
1998/99	0	0	0					0
1999/00	0	0	0					0
2000/01	0	0	0					0
2001/02	750,000	750,000	750,000				750,000	750,000
2002/03	816,000	800,000	800,000				800,000	800,000
2003/04	0	0	0					0
2004/05	0	0	0					0
2005/06	1,647	1,360	1,320				1,320	1,320
2006/07	0	0	0					0
2007/08	0	0	0					0
2008/09	0	0	0	13,253	2,060		114,000	90,000
2009/10	0	0	0	17,446	3,395		139,000	100,000
2010/11	0	106,464	107,254	20,645	85,246	24,046	164,000	150,000
2011/12	0	0	0	22,155	7,022	12,624	249,000	175,000
2012/13	0	21,958	21,961	21,159	21,524	13,106	245,000	200,000

(2) is from Exhibit MM-Unspecified-3.

(3) is from Exhibit MM-Unspecified-4.

(4) is from Exhibit MM-Unspecified-5.

(5) and (6) are from Exhibit MM-Unspecified-7.

(7) is from Exhibit MM-Unspecified-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Occupied Bed Equivalents (3)	Limited Loss Rate per Occupied Bed Equivalent (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Occupied Bed Equivalent (4)X(5) (6)	Present Value of Projected Limited Loss Rate per Occupied Bed Equivalent (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2003/04	\$0	443	\$0.00	1.661	\$0.00		
2004/05	0	443	0.00	1.582	0.00		
2005/06	1,320	443	2.98	1.507	4.49		
2006/07	0	443	0.00	1.435	0.00		
2007/08	0	443	0.00	1.367	0.00		
2008/09	90,000	443	203.16	1.302	264.48		
2009/10	100,000	443	225.73	1.229	277.47		
2010/11	150,000	443	338.60	1.140	386.09		
2011/12	175,000	443	395.03	1.086	428.99		
2012/13	200,000	408	490.80	1.046	513.40		
Total	\$716,320	4,395	\$163.00		\$187.49		
2013/14	\$374.09	408	\$152,000	0.80	\$300.98		\$123,000
2014/15	392.79	408	160,000	0.80	316.03		129,000
2015/16	412.43	408	168,000	0.80	331.84		135,000

(2) is from Exhibit MM-Unspecified-9.

(3) for 2009/10, 2010/11, 2011/12 and 2012/13 were provided by the County. Other periods assume a 0% trend.

(5) is based on a 5% trend and adjusted for change in retention.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) to 2014/15 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Unspecified-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$35,222,608	\$0	\$35,222,608	\$35,222,608	\$0	\$0	1.00	\$0
1994/95	0	0	0	0	0	0	1.00	0
1995/96	0	0	0	0	0	0	1.00	0
1996/97	0	0	0	0	0	0	1.00	0
1997/98	8,500,000	0	8,500,000	8,500,000	0	0	1.00	0
1998/99	0	0	0	0	0	0	1.00	0
1999/00	0	0	0	0	0	0	1.00	0
2000/01	0	0	0	0	0	0	1.00	0
2001/02	750,000	0	750,000	750,000	0	0	1.00	0
2002/03	800,000	0	800,000	800,000	0	0	0.98	0
2003/04	0	0	0	0	0	0	0.97	0
2004/05	0	0	0	0	0	0	0.96	0
2005/06	1,320	0	1,320	1,320	0	0	0.95	0
2006/07	0	0	0	0	0	0	0.94	0
2007/08	0	0	0	0	0	0	0.93	0
2008/09	0	0	0	90,000	90,000	90,000	0.93	83,767
2009/10	0	0	0	100,000	100,000	100,000	0.91	91,483
2010/11	0	80,000	80,000	150,000	70,000	150,000	0.89	133,784
2011/12	0	0	0	175,000	175,000	175,000	0.86	151,117
2012/13	0	10,000	10,000	200,000	190,000	200,000	0.83	166,707
Total	\$45,273,928	\$90,000	\$45,363,928	\$45,988,928	\$625,000	\$715,000		\$626,858

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit MM-Unspecified-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Unspecified-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2004/05	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2005/06	96.0	80.2%	108.0	89.8%	48.5%	0	0	0	0.96	0
2006/07	84.0	67.9%	96.0	80.2%	38.1%	0	0	0	0.95	0
2007/08	72.0	56.6%	84.0	67.9%	26.1%	0	0	0	0.94	0
2008/09	60.0	28.3%	72.0	56.6%	39.5%	90,000	35,532	54,468	0.93	50,616
2009/10	48.0	10.9%	60.0	28.3%	19.5%	100,000	19,547	80,453	0.93	74,881
2010/11	36.0	2.2%	48.0	10.9%	8.9%	150,000	13,355	136,645	0.91	125,007
2011/12	24.0	0.0%	36.0	2.2%	2.2%	175,000	3,779	171,221	0.89	152,711
2012/13	12.0	0.0%	24.0	0.0%	0.0%	200,000	18	199,982	0.86	172,690
2013/14	0.0	0.0%	12.0	0.0%	0.0%	152,000	14	151,986	0.83	126,686
Total						\$867,000	\$72,245	\$794,755		\$702,591

(3) and (5) are from Exhibit MM-Unspecified-2.

(7) to 2012/13 is from Exhibit MM-Unspecified-11. The amount for 2013/14 is from Exhibit MM-Unspecified-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Unspecified-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2005/06	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2006/07	96.0	80.2%	108.0	89.8%	48.5%	0	0	0	0.96	0
2007/08	84.0	67.9%	96.0	80.2%	38.1%	0	0	0	0.95	0
2008/09	72.0	56.6%	84.0	67.9%	26.1%	54,468	14,213	40,255	0.94	37,972
2009/10	60.0	28.3%	72.0	56.6%	39.5%	80,453	31,763	48,690	0.93	45,247
2010/11	48.0	10.9%	60.0	28.3%	19.5%	136,645	26,709	109,936	0.93	102,322
2011/12	36.0	2.2%	48.0	10.9%	8.9%	171,221	15,244	155,977	0.91	142,693
2012/13	24.0	0.0%	36.0	2.2%	2.2%	199,982	4,319	195,663	0.89	174,511
2013/14	12.0	0.0%	24.0	0.0%	0.0%	151,986	14	151,972	0.86	131,232
2014/15	0.0	0.0%	12.0	0.0%	0.0%	160,000	15	159,985	0.83	133,353
Total						\$954,755	\$92,277	\$862,478		\$767,330

(3) and (5) are from Exhibit MM-Unspecified-2.

(7) to 2013/14 is from Exhibit MM-Unspecified-12, (9). The amount for 2014/15 is from Exhibit MM-Unspecified-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Unspecified-2.



COOK COUNTY, ILLINOIS
MEDICAL MALPRACTICE - UNSPECIFIED HOSPITAL / AMBULATORY CARE

Exhibit MM-Unspecified-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	98.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	120.0	94.3%	132.0	98.0%	65.8%	0	0	0	0.98	0
2006/07	108.0	89.8%	120.0	94.3%	43.9%	0	0	0	0.97	0
2007/08	96.0	80.2%	108.0	89.8%	48.5%	0	0	0	0.96	0
2008/09	84.0	67.9%	96.0	80.2%	38.1%	40,255	15,350	24,905	0.95	23,715
2009/10	72.0	56.6%	84.0	67.9%	26.1%	48,690	12,705	35,985	0.94	33,944
2010/11	60.0	28.3%	72.0	56.6%	39.5%	109,936	43,403	66,533	0.93	61,828
2011/12	48.0	10.9%	60.0	28.3%	19.5%	155,977	30,488	125,489	0.93	116,798
2012/13	36.0	2.2%	48.0	10.9%	8.9%	195,663	17,420	178,243	0.91	163,062
2013/14	24.0	0.0%	36.0	2.2%	2.2%	151,972	3,282	148,690	0.89	132,616
2014/15	12.0	0.0%	24.0	0.0%	0.0%	159,985	15	159,970	0.86	138,138
2015/16	0.0	0.0%	12.0	0.0%	0.0%	168,000	15	167,985	0.83	140,021
Total						\$1,030,478	\$122,678	\$907,800		\$810,122

(3) and (5) are from Exhibit MM-Unspecified-2.

(7) to 2014/15 is from Exhibit MM-Unspecified-13, (9). The amount for 2015/16 is from Exhibit MM-Unspecified-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit MM-Unspecified-2.

Calculation of Occupied Bed Equivalents

Claim Period (1)	Inpatients (2)	ER Visits (3)	Other Visits (4)	Other Visits (5)	Other Visits (6)	Physicians (7)	Occupied Bed Equivalents (8)
to 1993/94							
1994/95							0
1995/96							0
1996/97							0
1997/98							0
1998/99							0
1999/00							0
2000/01							0
2001/02							0
2002/03							0
2003/04							0
2004/05							0
2005/06							0
2006/07							0
2007/08							0
2008/09							0
2009/10			750,000			52	443
2010/11			750,000			52	443
2011/12			750,000			52	443
2012/13			620,000			58	408
2013/14			620,000			58	408
2014/15			620,000			58	408

(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 2013. 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
Physicians	2.750
Housestaff	0.800 (residents and interns)



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

Exhibit WC-Gov-Indem-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	9,167	9	\$44,091,007	\$345,060	\$44,436,067
1994/95	Unlimited	None	228.0	Not Provided	1,401	3	6,626,222	513,262	7,139,484
1995/96	Unlimited	None	216.0	Not Provided	1,398	2	5,270,518	340,773	5,611,291
1996/97	Unlimited	None	204.0	Not Provided	1,258	0	3,843,462	0	3,843,462
1997/98	Unlimited	None	192.0	Not Provided	1,203	2	3,598,733	59,623	3,658,356
1998/99	Unlimited	None	180.0	Not Provided	1,152	1	4,662,179	68,295	4,730,475
1999/00	Unlimited	None	168.0	Not Provided	1,168	1	6,059,450	195,366	6,254,816
2000/01	9,500,000	40,000,000	156.0	741,455	1,224	4	7,147,973	59,392	7,207,365
2001/02	9,500,000	40,000,000	144.0	775,697	1,191	2	7,580,114	299,384	7,879,498
2002/03	9,500,000	45,000,000	132.0	802,181	1,248	3	7,732,516	52,213	7,784,729
2003/04	Unlimited	None	120.0	832,988	1,259	5	7,321,165	576,988	7,898,153
2004/05	Unlimited	None	108.0	855,507	1,346	5	7,267,145	338,000	7,605,145
2005/06	Unlimited	None	96.0	849,639	1,182	3	7,730,569	145,582	7,876,150
2006/07	Unlimited	None	84.0	882,563	910	6	9,144,283	381,899	9,526,182
2007/08	Unlimited	None	72.0	935,032	775	15	8,479,868	407,657	8,887,526
2008/09	Unlimited	None	60.0	967,471	766	26	8,761,150	423,239	9,184,389
2009/10	Unlimited	None	48.0	1,026,721	858	32	7,984,613	323,326	8,307,939
2010/11	Unlimited	None	36.0	961,636	786	45	5,425,781	242,780	5,668,561
2011/12	Unlimited	None	24.0	934,088	774	108	3,975,429	1,972,800	5,948,229
2012/13	Unlimited	None	12.0	982,292	714	357	1,533,918	1,332,688	2,866,606
Total					29,780	629	\$164,236,096	\$8,078,326	\$172,314,422

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/77	Unlimited
12/01/00	9,500,000
12/01/03	Unlimited

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-Gov-Indem-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	9,167	9	\$44,091,007	\$345,060	\$44,436,067
1994/95	Unlimited	None	228.0	Not Provided	1,401	3	6,626,222	513,262	7,139,484
1995/96	Unlimited	None	216.0	Not Provided	1,398	2	5,270,518	340,773	5,611,291
1996/97	Unlimited	None	204.0	Not Provided	1,258	0	3,843,462	0	3,843,462
1997/98	Unlimited	None	192.0	Not Provided	1,203	2	3,598,733	59,623	3,658,356
1998/99	Unlimited	None	180.0	Not Provided	1,152	1	4,662,179	68,295	4,730,475
1999/00	Unlimited	None	168.0	Not Provided	1,168	1	6,059,450	195,366	6,254,816
2000/01	Unlimited	40,000,000	156.0	741,455	1,224	4	7,147,973	59,392	7,207,365
2001/02	Unlimited	40,000,000	144.0	775,697	1,191	2	7,580,114	299,384	7,879,498
2002/03	Unlimited	45,000,000	132.0	802,181	1,248	3	7,732,516	52,213	7,784,729
2003/04	Unlimited	None	120.0	832,988	1,259	5	7,321,165	576,988	7,898,153
2004/05	Unlimited	None	108.0	855,507	1,346	5	7,267,145	338,000	7,605,145
2005/06	Unlimited	None	96.0	849,639	1,182	3	7,730,569	145,582	7,876,150
2006/07	Unlimited	None	84.0	882,563	910	6	9,144,283	381,899	9,526,182
2007/08	Unlimited	None	72.0	935,032	775	15	8,479,868	407,657	8,887,526
2008/09	Unlimited	None	60.0	967,471	766	26	8,761,150	423,239	9,184,389
2009/10	Unlimited	None	48.0	1,026,721	858	32	7,984,613	323,326	8,307,939
2010/11	Unlimited	None	36.0	961,636	786	45	5,425,781	242,780	5,668,561
2011/12	Unlimited	None	24.0	934,088	774	108	3,975,429	1,972,800	5,948,229
2012/13	Unlimited	None	12.0	982,292	714	357	1,533,918	1,332,688	2,866,606
Total					29,780	629	\$164,236,096	\$8,078,326	\$172,314,422

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-Gov-Indem-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	99.9%	100.0%	100.0%
348.0	99.9%	100.0%	100.0%	342.0	99.9%	100.0%	100.0%
336.0	99.9%	100.0%	100.0%	330.0	99.9%	100.0%	100.0%
324.0	99.9%	100.0%	100.0%	318.0	99.9%	100.0%	100.0%
312.0	99.8%	100.0%	100.0%	306.0	99.8%	100.0%	100.0%
300.0	99.8%	100.0%	100.0%	294.0	99.7%	100.0%	100.0%
288.0	99.6%	100.0%	100.0%	282.0	99.6%	100.0%	100.0%
276.0	99.5%	100.0%	100.0%	270.0	99.4%	100.0%	100.0%
264.0	99.3%	100.0%	100.0%	258.0	99.1%	100.0%	100.0%
252.0	99.0%	100.0%	100.0%	246.0	98.7%	100.0%	100.0%
240.0	98.5%	100.0%	100.0%	234.0	98.5%	100.0%	100.0%
228.0	98.5%	100.0%	100.0%	222.0	98.5%	100.0%	100.0%
216.0	98.5%	100.0%	100.0%	210.0	98.5%	100.0%	100.0%
204.0	98.4%	100.0%	100.0%	198.0	98.3%	100.0%	100.0%
192.0	98.2%	100.0%	100.0%	186.0	98.1%	100.0%	100.0%
180.0	98.0%	100.0%	100.0%	174.0	97.9%	100.0%	100.0%
168.0	97.8%	100.0%	100.0%	162.0	97.7%	100.0%	100.0%
156.0	97.5%	100.0%	100.0%	150.0	97.4%	100.0%	100.0%
144.0	97.3%	99.9%	100.0%	138.0	97.0%	99.9%	100.0%
132.0	96.8%	99.8%	100.0%	126.0	96.3%	99.8%	100.0%
120.0	95.8%	99.7%	100.0%	114.0	95.1%	99.6%	100.0%
108.0	94.4%	99.5%	100.0%	102.0	92.6%	99.3%	100.0%
96.0	90.8%	99.0%	100.0%	90.0	88.6%	98.3%	100.0%
84.0	86.4%	97.5%	100.0%	78.0	82.9%	96.6%	100.0%
72.0	79.3%	95.6%	100.0%	66.0	75.7%	93.4%	100.0%
60.0	72.1%	91.1%	99.9%	54.0	66.7%	87.9%	99.9%
48.0	61.4%	84.7%	99.8%	42.0	54.8%	80.2%	99.7%
36.0	48.3%	75.6%	99.6%	30.0	40.5%	69.1%	99.4%
24.0	32.6%	62.5%	99.2%	18.0	23.6%	50.8%	98.0%
12.0	14.5%	39.1%	96.8%	6.0	7.3%	19.5%	48.4%

(2) is from Exhibit WC-Gov-Indem-2 (page 2).

(3) is from Exhibit WC-Gov-Indem-2 (page 3).

(4) is from Exhibit WC-Gov-Indem-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
WORKERS' COMPENSATION - GENERAL GOVERNMENT (INDEMNITY)
Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	Months of Development:			60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04			36	48																	
1994/05	1,121	1,842	2,448	3,189	3,782	4,338	4,534	4,973	5,113	5,242	5,413	5,739	6,107	6,234	6,314	\$42,962	\$43,172	\$43,309	\$43,487	\$44,091	
1995/06	795	1,529	2,406	3,115	3,565	3,971	4,235	4,269	4,303	4,352	4,352	4,370	4,893	4,937	5,098	6,314	6,301	6,558	5,271		
1996/07	615	1,343	2,002	2,570	3,181	3,585	3,469	3,545	3,606	3,663	3,702	3,737	3,790	3,790	3,790	5,098	5,156	5,215			
1997/08	632	1,280	1,862	2,178	2,519	2,684	2,965	3,119	3,181	3,220	3,269	3,324	3,403	3,439	3,540	3,790	3,790	3,643	3,643		
1998/09	696	1,477	2,201	2,669	2,987	3,314	3,483	3,634	3,899	4,329	4,452	4,475	4,498	4,638	4,662	4,638	3,599				
1999/00	808	1,803	2,821	3,531	4,224	4,675	5,143	5,291	5,544	5,838	5,885	5,979	6,031	6,059		4,662					
2000/01	945	2,104	2,829	3,894	4,057	5,147	5,415	5,847	6,351	6,667	6,873	7,073	7,148								
2001/02	1,061	2,199	3,234	4,139	5,105	5,524	6,274	6,996	7,172	7,372	7,527	7,580									
2002/03	1,303	2,636	3,736	5,107	5,673	6,060	6,918	7,142	7,467	7,684	7,733										
2003/04	1,382	2,763	3,800	4,416	5,267	6,343	6,928	7,095	7,237	7,321											
2004/05	1,587	2,885	3,671	4,496	6,042	6,402	6,716	7,006	7,267												
2005/06	1,467	2,812	4,487	6,334	6,965	7,305	7,590	7,731													
2006/07	1,816	3,804	5,632	7,825	7,922	8,629	9,144														
2007/08	1,545	3,548	5,406	6,560	7,489	8,480															
2008/09	1,852	4,134	5,886	7,337	8,761																
2009/10	2,103	4,876	6,669	7,985																	
2010/11	2,193	4,169	5,426																		
2011/12	1,881	3,975																			
2012/13	1,534																				

II. Limited Paid Loss Development

Claim Period	12-24	24-36	Months of Development:			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-UN
			36-48	48-60																	
to 1993/04																					
1994/05	1,643	1,329	1,306	1,182	1,147	1,045	1,067	1,087	1,028	1,025	1,033	1,060	1,064	1,021	1,013	1,012	1,005	1,003	1,004	1,014	
1995/06	1,325	1,573	1,295	1,145	1,114	1,067	1,067	1,068	1,008	1,012	1,000	1,004	1,117	1,011	1,033	1,011	1,013	1,013	1,010		
1996/07	2,182	1,490	1,284	1,238	1,164	1,066	1,066	1,062	1,017	1,016	1,011	1,010	1,014	1,000	1,000	1,014	1,011	1,011			
1997/08	2,024	1,455	1,170	1,157	1,066	1,105	1,052	1,052	1,020	1,012	1,015	1,017	1,024	1,011	1,029	1,017	1,005	1,005			
1998/09	2,122	1,491	1,213	1,119	1,109	1,051	1,051	1,043	1,073	1,110	1,029	1,005	1,005	1,031	1,005	1,017	1,005	1,005			
1999/00	2,232	1,565	1,252	1,196	1,107	1,100	1,029	1,029	1,048	1,053	1,008	1,016	1,009	1,005	1,005	1,009	1,009	1,009			
2000/01	2,225	1,345	1,376	1,196	1,105	1,052	1,080	1,086	1,086	1,050	1,031	1,029	1,011	1,005	1,005	1,009	1,009	1,009			
2001/02	2,035	1,471	1,280	1,234	1,092	1,136	1,142	1,115	1,025	1,028	1,021	1,007									
2002/03	2,023	1,417	1,367	1,111	1,068	1,142	1,142	1,032	1,046	1,029	1,006										
2003/04	2,000	1,375	1,162	1,193	1,248	1,054	1,024	1,024	1,020	1,012											
2004/05	2,806	1,821	1,225	1,344	1,050	1,059	1,043	1,037													
2005/06	1,917	1,596	1,411	1,100	1,049	1,039	1,019														
2006/07	2,095	1,481	1,212	1,161	1,089	1,060															
2007/08	2,297	1,524	1,213	1,142	1,132																
2008/09	2,232	1,424	1,247	1,194																	
2009/10	2,318	1,368	1,197																		
2010/11	1,901	1,302																			
2011/12	2,113																				
2012/13																					

Average All
Wtd 3
Last 3
Last 5
x-Hi,Low

Similar Previous	2,250	1,480	1,270	1,175	1,100	1,090	1,050	1,040	1,015	1,010	1,005	1,003	1,003	1,003	1,002	1,002	1,002	1,001	1,000	1,000	1,015
Selected	2,250	1,480	1,270	1,175	1,100	1,090	1,050	1,040	1,015	1,010	1,005	1,003	1,003	1,003	1,002	1,002	1,002	1,001	1,000	1,000	1,015
Cumulative	6,893	3,063	2,070	1,630	1,387	1,261	1,157	1,102	1,059	1,044	1,033	1,028	1,025	1,015	1,014	1,014	1,009	1,005	1,005	1,015	1,015
Percent	14.5%	32.6%	48.3%	61.4%	72.1%	79.3%	86.4%	90.8%	94.4%	95.8%	96.8%	97.3%	97.5%	97.5%	97.8%	98.0%	98.2%	98.4%	98.5%	98.5%	98.5%

Amounts are limited (net of excess insurance).

Data was provided by the County.



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

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12-24	24-36	Months of Development:			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-Ult
to 1993/04			36	48																	
1994/05	5,324	5,892	6,231	6,328	7,141	5,382	6,173	5,648	5,986	6,140	6,208	6,395	7,219	7,336	7,476	6,787	\$46,473	\$46,322	\$45,894	\$45,747	\$44,436
1995/06	5,143	7,369	7,559	7,825	6,114	6,173	6,374	6,374	6,708	6,621	6,612	6,609	6,609	7,178	13,760	13,780	6,976	6,890	6,977	7,139	
1996/07	3,917	4,659	5,214	4,912	5,283	4,939	5,436	5,718	5,718	5,712	4,958	4,994	4,999	4,029	3,858	3,790	5,537	5,520	5,611		
1997/08	2,341	3,136	3,394	3,701	3,931	4,371	4,236	4,368	4,368	3,972	4,021	4,049	3,362	3,516	3,516	3,644	3,643	3,843			
1998/09	2,541	3,571	4,183	4,758	5,065	4,977	4,997	4,997	5,171	5,276	5,729	4,517	4,517	4,612	4,730	4,730	3,658				
1999/00	2,512	4,035	5,098	6,724	7,246	7,507	7,718	7,718	7,977	7,982	6,236	6,236	6,230	6,255	6,255						
2000/01	2,528	4,110	5,322	6,032	6,754	7,129	7,490	7,490	7,696	6,687	6,981	6,943	7,182	7,207							
2001/02	2,426	4,494	6,061	6,981	6,579	7,389	8,038	8,038	7,359	7,517	7,480	7,747	7,879								
2002/03	4,457	6,685	7,692	8,378	9,209	9,600	7,226	7,226	7,426	7,484	7,747	7,785									
2003/04	4,646	6,266	7,252	7,709	8,273	6,971	7,436	7,436	7,355	7,605	7,898										
2004/05	4,527	6,038	7,227	7,881	6,866	7,033	7,086	7,086	7,355	7,605											
2005/06	3,374	5,174	7,511	7,201	7,672	7,541	7,756	7,756	7,876												
2006/07	3,925	6,504	6,617	7,647	8,110	8,953	9,526														
2007/08	3,401	5,087	6,663	6,757	8,008	8,888															
2008/09	3,479	6,098	6,416	7,884	9,184																
2009/10	4,013	5,591	7,307	8,308																	
2010/11	3,345	4,774	5,669																		
2011/12	2,916	5,948																			
2012/13	2,867																				

II. Limited Reported Incurred Loss Development

Claim Period	12-24	24-36	Months of Development:			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-Ult
to 1993/04			36-48	48-60																	
1994/05	1,107	1,057	1,016	1,129	0,754	1,060	1,060	1,060	1,025	1,011	1,030	1,129	1,016	1,019	0,908	1,013	0,997	0,991	0,997	0,971	
1995/06	1,433	1,026	1,035	0,781	1,040	1,033	1,033	1,082	0,987	0,999	1,007	1,000	1,086	1,917	1,001	0,402	1,002	1,013	1,023		
1996/07	1,189	1,119	0,942	1,071	1,024	1,009	1,009	1,052	0,989	0,988	1,007	1,001	0,806	0,958	0,982	1,014	1,000	0,997			
1997/08	1,343	1,090	1,062	1,112	1,112	0,969	1,031	1,031	0,909	1,012	1,007	0,830	1,046	1,000	1,037	1,004	1,000	1,017			
1998/09	1,406	1,171	1,137	1,065	0,982	1,004	1,035	1,035	1,020	1,086	0,788	1,000	1,021	1,026	1,000						
1999/00	1,606	1,264	1,319	1,078	1,036	1,028	1,034	1,034	1,001	0,781	1,000	0,999	1,004	1,000							
2000/01	1,626	1,295	1,133	1,120	1,056	1,051	1,027	1,027	0,869	1,044	0,994	1,034	1,004								
2001/02	1,853	1,348	1,152	0,985	1,074	1,088	0,916	1,021	1,021	0,995	1,050	1,003									
2002/03	1,500	1,151	1,089	1,099	1,042	0,753	1,050	0,986	1,035	1,000	1,005										
2003/04	1,349	1,157	1,063	1,073	0,843	1,067	0,999	1,034													
2004/05	1,334	1,197	1,091	0,871	1,024	1,008	1,038	1,034													
2005/06	1,533	1,452	0,959	1,065	0,983	1,029	1,015														
2006/07	1,657	1,017	1,156	1,061	1,104	1,064															
2007/08	1,496	1,310	1,014	1,185	1,110																
2008/09	1,753	1,052	1,229	1,165																	
2009/10	1,393	1,307	1,137																		
2010/11	1,427	1,187																			
2011/12	2,040																				
2012/13																					
Average	1,502	1,188	1,098	1,054	1,011	1,012	1,026	1,026	0,992	0,983	0,987	1,000	0,997	1,153	0,986	0,858	0,999	1,007	1,010	0,971	
All	1,888	1,178	1,126	1,135	1,067	1,036	1,017	1,025	1,027	1,010	1,017	1,012	1,008	1,008	1,005	0,615	1,000	0,996			
Wtd 3	1,620	1,182	1,127	1,137	1,066	1,033	1,017	1,025	1,023	1,010	1,016	1,012	1,010	1,009	1,006	0,807	1,000	1,007			
Last 3	1,559	1,182	1,102	1,097	1,037	1,033	1,017		1,014	1,010	1,000	1,001	1,010	1,009	0,995						
x-tiltlow																					
Similar	1,600	1,210	1,120	1,075	1,050	1,020	1,015	1,015	1,005	1,002	1,001	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Previous																					
Selected	1,600	1,210	1,120	1,075	1,050	1,020	1,015	1,015	1,005	1,002	1,001	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Cumulative	2,559	1,600	1,322	1,180	1,098	1,046	1,025	1,025	1,010	1,005	1,003	1,002	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Percent	39.1%	62.5%	75.6%	84.7%	91.1%	95.6%	97.5%	97.5%	99.0%	99.5%	99.7%	99.8%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.



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

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05				1,397	1,401	1,400	1,401	1,401	1,401	1,401	1,401	1,401	1,401	1,401	1,401	9,165	9,166	9,166	9,166	9,167
1995/06			1,387	1,390	1,391	1,394	1,397	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,401	1,401	1,401	1,401	1,401
1996/07			1,242	1,247	1,252	1,254	1,256	1,255	1,257	1,257	1,257	1,258	1,258	1,258	1,258	1,257	1,257	1,257	1,257	1,257
1997/08	1,163	1,235	1,191	1,196	1,200	1,201	1,201	1,201	1,202	1,202	1,202	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203
1998/09	1,137	1,143	1,149	1,151	1,151	1,151	1,151	1,151	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152
1999/00	1,134	1,153	1,159	1,160	1,163	1,163	1,163	1,165	1,166	1,166	1,167	1,167	1,168	1,168	1,168	1,168	1,168	1,168	1,168	1,168
2000/01	1,190	1,211	1,216	1,219	1,219	1,221	1,221	1,222	1,222	1,222	1,222	1,222	1,224	1,224	1,224	1,224	1,224	1,224	1,224	1,224
2001/02	1,167	1,181	1,187	1,188	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191
2002/03	1,225	1,235	1,236	1,246	1,247	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248
2003/04	1,242	1,248	1,256	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259
2004/05	1,263	1,342	1,343	1,345	1,345	1,345	1,345	1,346	1,347	1,347	1,347	1,347	1,347	1,347	1,347	1,347	1,347	1,347	1,347	1,347
2005/06	1,179	1,184	1,182	1,182	1,181	1,181	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182
2006/07	889	904	906	910	911	911	910	910	910	910	910	910	910	910	910	910	910	910	910	910
2007/08	763	774	774	774	774	774	775	775	775	775	775	775	775	775	775	775	775	775	775	775
2008/09	679	689	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766
2009/10	763	856	857	858	858	858	858	858	858	858	858	858	858	858	858	858	858	858	858	858
2010/11	777	783	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786
2011/12	770	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774
2012/13	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04																				
1994/05			1,002	1,003	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	1,000	1,000
1995/06			1,004	1,004	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	1,000	1,000	1,000
1996/07		1,006	1,004	1,000	1,001	1,001	1,001	1,002	1,000	1,000	1,001	1,000	1,000	1,000	1,000	1,001	1,000	1,000	1,000	1,000
1997/08	1,024	1,004	1,003	1,000	1,000	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
1998/09	1,005	1,005	1,002	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	1,000	1,000	1,000
1999/00	1,017	1,005	1,001	1,003	1,001	1,001	1,001	1,001	1,000	1,001	1,001	1,001	1,000	1,000	1,000	1,001	1,000	1,000	1,000	1,000
2000/01	1,018	1,004	1,002	1,000	1,002	1,001	1,001	1,001	1,001	1,001	1,001	1,001	1,000	1,000	1,000	1,001	1,000	1,000	1,000	1,000
2001/02	1,012	1,005	1,001	1,003	1,000	1,000	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
2002/03	1,008	1,001	1,008	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
2003/04	1,005	1,006	1,002	1,000	1,000	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
2004/05	1,063	1,001	1,001	1,000	1,001	1,001	1,001	1,001	1,000	1,000	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	1,004	0,998	1,000	0,999	1,000	1,001	1,001	0,999	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,017	1,002	1,004	1,001	1,000	0,999	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
2007/08	1,014	1,000	1,000	1,000	1,000	0,999	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	1,015	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	1,000	1,000	1,000	1,000	1,000
2009/10	1,122	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
2010/11	1,008	1,004	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
2011/12	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005
2012/13																				

Average All	1,022	1,010	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
Wtd 3	1,045	1,035	1,000	1,001	1,001	1,000	1,000	0,999	1,000	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 3	1,045	1,039	1,000	1,001	1,001	1,000	1,000	0,999	1,000	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 5	1,012	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
x-tilt,low																				
Similar Previous	1,025	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	1,000	1,000
Selected Cumulative	1,025	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	1,000	1,000
Percent	96.8%	99.2%	99.6%	99.8%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Data was provided by the County.



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

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	21.1%	31.3%	39.3%	50.6%	53.0%	80.6%	80.3%	83.1%	83.3%	84.4%	84.6%	79.5%	83.2%	83.4%	93.0%	92.4%	93.2%	94.4%	95.1%	99.2%
1995/06	15.4%	28.6%	31.8%	39.8%	58.3%	64.3%	66.4%	63.6%	65.0%	65.8%	65.8%	66.1%	68.0%	68.2%	37.0%	92.9%	93.9%	94.0%	92.8%	
1996/07	15.7%	28.6%	38.4%	52.3%	60.4%	62.6%	63.8%	62.0%	63.1%	73.9%	74.1%	74.8%	84.1%	85.9%	100.0%	93.1%	93.9%	94.0%	95.1%	
1997/08	27.1%	40.8%	54.9%	58.8%	64.1%	61.4%	70.0%	71.4%	80.1%	80.1%	80.7%	98.9%	96.8%	96.8%	97.1%	98.4%	100.0%	93.9%	92.8%	
1998/09	27.4%	41.3%	52.6%	56.1%	59.0%	66.6%	69.7%	70.3%	73.9%	75.6%	98.6%	99.1%	96.8%	97.8%	98.6%	98.4%	100.0%	94.5%	93.9%	
1999/00	32.2%	44.7%	55.3%	62.5%	58.3%	62.3%	66.6%	66.3%	69.5%	93.6%	94.4%	96.0%	97.5%	98.0%	97.1%	100.0%	100.0%	93.9%	92.8%	
2000/01	37.4%	51.2%	64.5%	64.5%	69.0%	72.2%	72.3%	76.0%	95.0%	95.5%	99.0%	96.4%	96.4%	98.0%	98.6%	98.4%	100.0%	93.9%	92.8%	
2001/02	44.5%	48.9%	53.4%	59.3%	74.2%	74.8%	78.1%	95.1%	95.4%	98.6%	98.6%	96.2%	99.2%	99.9%	98.6%	98.4%	100.0%	93.9%	92.8%	
2002/03	29.2%	39.4%	48.6%	61.0%	61.6%	63.1%	95.7%	94.1%	99.8%	99.2%	99.3%	96.2%	99.2%	99.9%	98.6%	98.4%	100.0%	93.9%	92.8%	
2003/04	29.7%	44.1%	52.4%	57.3%	63.7%	94.3%	93.2%	95.5%	91.7%	92.7%										
2004/05	35.1%	47.5%	50.8%	57.0%	88.0%	90.2%	94.8%	95.3%	95.6%											
2005/06	43.5%	54.3%	59.7%	88.0%	90.8%	96.9%	97.9%	98.2%												
2006/07	46.3%	58.5%	85.1%	89.3%	97.7%	96.4%	96.0%													
2007/08	45.4%	69.8%	81.1%	93.1%	95.4%															
2008/09	53.2%	67.8%	91.7%	97.1%	93.5%															
2009/10	52.4%	87.2%	91.3%	96.1%																
2010/11	65.6%	87.3%	95.7%																	
2011/12	64.5%	66.8%																		
2012/13	53.5%																			

Average																				
All	36.9%	51.7%	60.9%	67.0%	72.5%	77.2%	80.4%	80.9%	82.9%	85.9%	88.1%	88.6%	90.8%	85.0%	85.1%	95.4%	95.4%	94.1%	93.9%	99.2%
Last 3	61.2%	80.5%	92.9%	95.4%	95.5%	96.2%	96.2%	96.3%	95.7%	96.8%	98.1%	96.9%	97.7%	97.6%	98.6%	97.2%	96.1%	94.1%	93.9%	
Last 5	57.1%	74.9%	89.4%	92.8%	93.2%	95.4%	95.5%	95.3%	95.3%	95.9%	97.8%	97.9%	96.9%	97.6%	96.2%	94.8%				
x-high																				
Low																				
Implicit	37.1%	52.2%	63.9%	72.4%	79.2%	82.9%	88.6%	91.7%	94.9%	96.1%	97.0%	97.3%	97.5%	97.8%	98.0%	98.2%	98.4%	98.5%	98.5%	98.5%



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

Exhibit WC-Gov-Indem-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$44,091,007	98.5%	\$44,752,373
1994/95	228.0	6,626,222	98.5%	6,725,616
1995/96	216.0	5,270,518	98.5%	5,349,576
1996/97	204.0	3,843,462	98.4%	3,905,015
1997/98	192.0	3,598,733	98.2%	3,663,679
1998/99	180.0	4,662,179	98.0%	4,755,811
1999/00	168.0	6,059,450	97.8%	6,193,505
2000/01	156.0	7,147,973	97.5%	7,328,028
2001/02	144.0	7,580,114	97.3%	7,794,368
2002/03	132.0	7,732,516	96.8%	7,990,833
2003/04	120.0	7,321,165	95.8%	7,641,397
2004/05	108.0	7,267,145	94.4%	7,698,790
2005/06	96.0	7,730,569	90.8%	8,517,329
2006/07	84.0	9,144,283	86.4%	10,578,666
2007/08	72.0	8,479,868	79.3%	10,692,933
2008/09	60.0	8,761,150	72.1%	12,152,387
2009/10	48.0	7,984,613	61.4%	13,013,442
2010/11	36.0	5,425,781	48.3%	11,230,635
2011/12	24.0	3,975,429	32.6%	12,178,331
2012/13	12.0	1,533,918	14.5%	10,572,761

(3) is from Exhibit WC-Gov-Indem-1.

(4) is from Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$44,436,067	100.0%	\$44,436,067
1994/95	228.0	7,139,484	100.0%	7,139,484
1995/96	216.0	5,611,291	100.0%	5,611,291
1996/97	204.0	3,843,462	100.0%	3,843,462
1997/98	192.0	3,658,356	100.0%	3,658,356
1998/99	180.0	4,730,475	100.0%	4,730,475
1999/00	168.0	6,254,816	100.0%	6,254,816
2000/01	156.0	7,207,365	100.0%	7,207,365
2001/02	144.0	7,879,498	99.9%	7,887,377
2002/03	132.0	7,784,729	99.8%	7,800,306
2003/04	120.0	7,898,153	99.7%	7,921,871
2004/05	108.0	7,605,145	99.5%	7,643,239
2005/06	96.0	7,876,150	99.0%	7,955,180
2006/07	84.0	9,526,182	97.5%	9,766,095
2007/08	72.0	8,887,526	95.6%	9,293,581
2008/09	60.0	9,184,389	91.1%	10,084,208
2009/10	48.0	8,307,939	84.7%	9,806,031
2010/11	36.0	5,668,561	75.6%	7,493,606
2011/12	24.0	5,948,229	62.5%	9,514,612
2012/13	12.0	2,866,606	39.1%	7,336,540

(3) is from Exhibit WC-Gov-Indem-1.

(4) is from Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	98.5%	100.0%	100.0%	\$44,091,007	\$345,060	\$44,436,067
1994/95	228.0	98.5%	100.0%	100.0%	6,626,222	513,262	7,139,484
1995/96	216.0	98.5%	100.0%	100.0%	5,270,518	340,773	5,611,291
1996/97	204.0	98.4%	100.0%	100.0%	3,843,462	0	3,843,462
1997/98	192.0	98.2%	100.0%	100.0%	3,598,733	59,623	3,658,356
1998/99	180.0	98.0%	100.0%	100.0%	4,662,179	68,295	4,730,475
1999/00	168.0	97.8%	100.0%	100.0%	6,059,450	195,366	6,254,816
2000/01	156.0	97.5%	100.0%	100.0%	7,147,973	59,392	7,207,365
2001/02	144.0	97.3%	99.9%	96.4%	7,580,114	299,384	7,890,789
2002/03	132.0	96.8%	99.8%	93.8%	7,732,516	52,213	7,788,167
2003/04	120.0	95.8%	99.7%	92.9%	7,321,165	576,988	7,942,546
2004/05	108.0	94.4%	99.5%	91.1%	7,267,145	338,000	7,638,123
2005/06	96.0	90.8%	99.0%	89.2%	7,730,569	145,582	7,893,694
2006/07	84.0	86.4%	97.5%	81.9%	9,144,283	381,899	9,610,682
2007/08	72.0	79.3%	95.6%	78.9%	8,479,868	407,657	8,996,615
2008/09	60.0	72.1%	91.1%	68.0%	8,761,150	423,239	9,383,336
2009/10	48.0	61.4%	84.7%	60.5%	7,984,613	323,326	8,519,336
2010/11	36.0	48.3%	75.6%	52.9%	5,425,781	242,780	5,884,887
2011/12	24.0	32.6%	62.5%	44.4%	3,975,429	1,972,800	8,423,578
2012/13	12.0	14.5%	39.1%	28.7%	1,533,918	1,332,688	6,172,015

(3) and (4) are from Exhibit WC-Gov-Indem-2.

(6) and (7) are from Exhibit WC-Gov-Indem-1.



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

Exhibit WC-Gov-Indem-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$44,752,373	\$44,436,067	\$44,436,067	\$44,752,373
1994/95	6,725,616	7,139,484	7,139,484	7,190,810
1995/96	5,349,576	5,611,291	5,611,291	5,645,368
1996/97	3,905,015	3,843,462	3,843,462	3,843,462
1997/98	3,663,679	3,658,356	3,658,356	3,664,318
1998/99	4,755,811	4,730,475	4,730,475	4,755,811
1999/00	6,193,505	6,254,816	6,254,816	6,274,353
2000/01	7,328,028	7,207,365	7,207,365	7,328,028
2001/02	7,794,368	7,887,377	7,890,789	7,909,436
2002/03	7,990,833	7,800,306	7,788,167	7,990,833
2003/04	7,641,397	7,921,871	7,942,546	7,955,852
2004/05	7,698,790	7,643,239	7,638,123	7,698,790
2005/06	8,517,329	7,955,180	7,893,694	8,517,329
2006/07	10,578,666	9,766,095	9,610,682	10,578,666
2007/08	10,692,933	9,293,581	8,996,615	10,692,933
2008/09	12,152,387	10,084,208	9,383,336	12,152,387
2009/10	13,013,442	9,806,031	8,519,336	13,013,442
2010/11	11,230,635	7,493,606	5,884,887	11,230,635
2011/12	12,178,331	9,514,612	8,423,578	12,178,331
2012/13	10,572,761	7,336,540	6,172,015	10,572,761

(2) is from Exhibit WC-Gov-Indem-3.

(3) is from Exhibit WC-Gov-Indem-4.

(4) is from Exhibit WC-Gov-Indem-5.

(5) is based on (2) to (4) and actuarial judgment.



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

Exhibit WC-Gov-Indem-7

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)/10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	Projected A-priori Loss Rate per \$100 of Payroll (7)/(5) (8)
2003/04	\$7,955,852	\$832,988	\$0.96	1.253	\$1.20	\$1.01
2004/05	7,698,790	855,507	0.90	1.201	1.08	1.05
2005/06	8,517,329	849,639	1.00	1.142	1.14	1.11
2006/07	10,578,666	882,563	1.20	1.105	1.32	1.14
2007/08	10,692,933	935,032	1.14	1.080	1.24	1.17
2008/09	12,152,387	967,471	1.26	1.058	1.33	1.19
2009/10	13,013,442	1,026,721	1.27	1.035	1.31	1.22
2010/11	11,230,635	961,636	1.17	1.026	1.20	1.23
2011/12	12,178,331	934,088	1.30	1.030	1.34	1.23
2012/13	10,572,761	982,292	1.08	1.015	1.09	1.24

(7) Projected 2013/14 a-priori loss rate per \$100 of Payroll \$1.26

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$8,761,150	72.1%	\$1.19	\$967,471	\$3,221,736	\$11,982,886
2009/10	7,984,613	61.4%	1.22	1,026,721	4,837,013	12,821,626
2010/11	5,425,781	48.3%	1.23	961,636	6,112,208	11,537,989
2011/12	3,975,429	32.6%	1.23	934,088	7,708,051	11,683,480
2012/13	1,533,918	14.5%	1.24	982,292	10,442,584	11,976,502

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$9,184,389	91.1%	\$1.19	\$967,471	\$1,030,165	\$10,214,554
2009/10	8,307,939	84.7%	1.22	1,026,721	1,912,264	10,220,203
2010/11	5,668,561	75.6%	1.23	961,636	2,880,009	8,548,570
2011/12	5,948,229	62.5%	1.23	934,088	4,289,451	10,237,680
2012/13	2,866,606	39.1%	1.24	982,292	7,442,064	10,308,670

Section I, (2) is from Exhibit WC-Gov-Indem-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit WC-Gov-Indem-10.

Section I, (5) is from Exhibit WC-Gov-Indem-15.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit WC-Gov-Indem-1.

Sections II and III, (3) are from Exhibit WC-Gov-Indem-2.

Sections II and III, (4) are from Section I, (8).



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

Exhibit WC-Gov-Indem-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Payroll (000) (6)	Frequency (per \$1M of Payroll) (5)/(6)X1,000 (7)
2003/04	120.0	1,259	100.0%	1,259	\$832,988	1.51
2004/05	108.0	1,346	100.0%	1,346	855,507	1.57
2005/06	96.0	1,182	100.0%	1,182	849,639	1.39
2006/07	84.0	910	100.0%	910	882,563	1.03
2007/08	72.0	775	100.0%	775	935,032	0.83
2008/09	60.0	766	99.9%	767	967,471	0.79
2009/10	48.0	858	99.8%	860	1,026,721	0.84
2010/11	36.0	786	99.6%	789	961,636	0.82
2011/12	24.0	774	99.2%	780	934,088	0.84
2012/13	12.0	714	96.8%	738	982,292	0.75

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$7,955,852	1,259	\$6,319	1.685	\$10,645	\$10,063	\$12,669,434
2004/05	7,698,790	1,346	5,720	1.566	8,960	10,822	14,566,335
2005/06	8,517,329	1,182	7,206	1.447	10,423	11,719	13,851,881
2006/07	10,578,666	910	11,625	1.359	15,798	12,474	11,351,060
2007/08	10,692,933	775	13,797	1.290	17,798	13,141	10,184,308
2008/09	12,152,387	767	15,844	1.226	19,427	13,825	10,603,972
2009/10	13,013,442	860	15,132	1.165	17,632	14,548	12,511,333
2010/11	11,230,635	789	14,234	1.122	15,964	15,114	11,925,312
2011/12	12,178,331	780	15,613	1.093	17,065	15,510	12,097,647
2012/13	10,572,761	738	14,326	1.045	14,977	16,215	11,966,466
(7) Projected 2013/14 average claim severity					\$16,952		

Section I, (3) is from Exhibit WC-Gov-Indem-1.

Section I, (4) is from Exhibit WC-Gov-Indem-2.

Section I, (6) is from Exhibit WC-Gov-Indem-10.

Section II, (2) is from Exhibit WC-Gov-Indem-6.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit WC-Gov-Indem-15.

Section II, (7) is based on (6) and actuarial judgment.



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

Exhibit WC-Gov-Indem-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (9)
to 1993/94	\$44,752,373	\$44,436,067	\$44,436,067				\$44,365,460	\$44,752,000
1994/95	6,725,616	7,139,484	7,139,484				6,976,767	7,191,000
1995/96	5,349,576	5,611,291	5,611,291				5,550,384	5,645,368
1996/97	3,905,015	3,843,462	3,843,462				3,843,453	3,843,462
1997/98	3,663,679	3,658,356	3,658,356				3,644,356	3,664,318
1998/99	4,755,811	4,730,475	4,730,475				4,740,000	4,756,000
1999/00	6,193,505	6,254,816	6,254,816				6,254,816	6,274,353
2000/01	7,328,028	7,207,365	7,207,365				7,193,000	7,328,000
2001/02	7,794,368	7,887,377	7,890,789				7,869,051	7,909,436
2002/03	7,990,833	7,800,306	7,788,167				7,753,030	7,991,000
2003/04	7,641,397	7,921,871	7,942,546				7,935,587	7,956,000
2004/05	7,698,790	7,643,239	7,638,123				7,500,000	7,699,000
2005/06	8,517,329	7,955,180	7,893,694				8,417,000	8,517,000
2006/07	10,578,666	9,766,095	9,610,682				9,967,000	10,579,000
2007/08	10,692,933	9,293,581	8,996,615				9,397,000	10,693,000
2008/09	12,152,387	10,084,208	9,383,336	11,982,886	10,214,554	10,603,972	10,457,000	11,983,000
2009/10	13,013,442	9,806,031	8,519,336	12,821,626	10,220,203	12,511,333	11,429,000	12,822,000
2010/11	11,230,635	7,493,606	5,884,887	11,537,989	8,548,570	11,925,312	10,518,000	11,538,000
2011/12	12,178,331	9,514,612	8,423,578	11,683,480	10,237,680	12,097,647	10,460,000	11,683,000
2012/13	10,572,761	7,336,540	6,172,015	11,976,502	10,308,670	11,966,466	11,146,000	11,977,000

(2) is from Exhibit WC-Gov-Indem-3.

(3) is from Exhibit WC-Gov-Indem-4.

(4) is from Exhibit WC-Gov-Indem-5.

(5) and (6) are from Exhibit WC-Gov-Indem-7.

(7) is from Exhibit WC-Gov-Indem-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



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

Exhibit WC-Gov-Indem-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)/10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	
2003/04	\$7,956,000	\$832,988	\$0.96	1.253	\$1.20	
2004/05	7,699,000	855,507	0.90	1.201	1.08	
2005/06	8,517,000	849,639	1.00	1.142	1.14	
2006/07	10,579,000	882,563	1.20	1.105	1.32	
2007/08	10,693,000	935,032	1.14	1.080	1.24	
2008/09	11,983,000	967,471	1.24	1.058	1.31	
2009/10	12,822,000	1,026,721	1.25	1.035	1.29	
2010/11	11,538,000	961,636	1.20	1.026	1.23	
2011/12	11,683,000	934,088	1.25	1.030	1.29	
2012/13	11,977,000	982,292	1.22	1.015	1.24	
Total	\$105,447,000	\$9,227,935	\$1.14		\$1.23	

Claim Period (1)	Projected Limited Loss Rate per \$100 of Payroll (7)	Projected Payroll (000) (8)	Projected Ultimate Limited Losses (7)X(8)X10 (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per \$100 of Payroll (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11)X10 (12)
2013/14	\$1.27	\$1,024,479	\$13,056,000	0.88	\$1.12	\$11,428,000
2014/15	1.29	1,024,479	13,251,000	0.88	1.13	11,599,000
2015/16	1.31	1,024,479	13,450,000	0.88	1.15	11,773,000

(2) is from Exhibit WC-Gov-Indem-9.

(3) was provided by the County.

(5) is from Exhibit WC-Gov-Indem-15.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus the trend in Exhibit WC-Gov-Indem-15.

(8) to 2013/14 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$44,091,007	\$345,060	\$44,436,067	\$44,752,000	\$315,933	\$660,993	0.92	\$605,903
1994/95	6,626,222	513,262	7,139,484	7,191,000	51,516	564,778	0.88	499,717
1995/96	5,270,518	340,773	5,611,291	5,645,368	34,077	374,850	0.85	320,143
1996/97	3,843,462	0	3,843,462	3,843,462	0	0	0.83	0
1997/98	3,598,733	59,623	3,658,356	3,664,318	5,962	65,585	0.83	54,147
1998/99	4,662,179	68,295	4,730,475	4,756,000	25,525	93,820	0.82	76,538
1999/00	6,059,450	195,366	6,254,816	6,274,353	19,537	214,903	0.81	173,088
2000/01	7,147,973	59,392	7,207,365	7,328,000	120,635	180,027	0.80	144,431
2001/02	7,580,114	299,384	7,879,498	7,909,436	29,938	329,322	0.80	262,411
2002/03	7,732,516	52,213	7,784,729	7,991,000	206,271	258,484	0.80	207,170
2003/04	7,321,165	576,988	7,898,153	7,956,000	57,847	634,835	0.82	521,744
2004/05	7,267,145	338,000	7,605,145	7,699,000	93,855	431,855	0.84	363,376
2005/06	7,730,569	145,582	7,876,150	8,517,000	640,850	786,432	0.88	691,605
2006/07	9,144,283	381,899	9,526,182	10,579,000	1,052,818	1,434,717	0.89	1,279,168
2007/08	8,479,868	407,657	8,887,526	10,693,000	1,805,475	2,213,132	0.90	1,997,824
2008/09	8,761,150	423,239	9,184,389	11,983,000	2,798,611	3,221,850	0.90	2,899,979
2009/10	7,984,613	323,326	8,307,939	12,822,000	4,514,061	4,837,387	0.90	4,355,744
2010/11	5,425,781	242,780	5,668,561	11,538,000	5,869,439	6,112,219	0.90	5,487,352
2011/12	3,975,429	1,972,800	5,948,229	11,683,000	5,734,771	7,707,571	0.89	6,887,094
2012/13	1,533,918	1,332,688	2,866,606	11,977,000	9,110,395	10,443,083	0.89	9,273,054
Total	\$164,236,096	\$8,078,326	\$172,314,422	\$204,801,938	\$32,487,516	\$40,565,843		\$36,100,488

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit WC-Gov-Indem-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	98.5%	252.0	99.0%	30.0%	\$660,993	\$198,298	\$462,695	0.92	\$425,311
1994/95	228.0	98.5%	240.0	98.5%	100.0%	564,778	564,778	0	0.92	0
1995/96	216.0	98.5%	228.0	98.5%	100.0%	374,850	374,850	0	0.88	0
1996/97	204.0	98.4%	216.0	98.5%	6.2%	0	0	0	0.85	0
1997/98	192.0	98.2%	204.0	98.4%	11.1%	65,585	7,268	58,317	0.83	48,667
1998/99	180.0	98.0%	192.0	98.2%	10.0%	93,820	9,343	84,477	0.83	69,745
1999/00	168.0	97.8%	180.0	98.0%	9.0%	214,903	19,428	195,475	0.82	159,467
2000/01	156.0	97.5%	168.0	97.8%	11.9%	180,027	21,441	158,586	0.81	127,729
2001/02	144.0	97.3%	156.0	97.5%	10.6%	329,322	34,953	294,369	0.80	236,165
2002/03	132.0	96.8%	144.0	97.3%	15.0%	258,484	38,688	219,796	0.80	175,139
2003/04	120.0	95.8%	132.0	96.8%	22.9%	634,835	145,136	489,699	0.80	392,485
2004/05	108.0	94.4%	120.0	95.8%	25.3%	431,855	109,060	322,795	0.82	265,291
2005/06	96.0	90.8%	108.0	94.4%	39.3%	786,432	309,094	477,338	0.84	401,647
2006/07	84.0	86.4%	96.0	90.8%	31.9%	1,434,717	457,320	977,397	0.88	859,544
2007/08	72.0	79.3%	84.0	86.4%	34.5%	2,213,132	763,211	1,449,921	0.89	1,292,724
2008/09	60.0	72.1%	72.0	79.3%	25.8%	3,221,850	832,355	2,389,495	0.90	2,157,030
2009/10	48.0	61.4%	60.0	72.1%	27.8%	4,837,387	1,344,113	3,493,274	0.90	3,144,287
2010/11	36.0	48.3%	48.0	61.4%	25.2%	6,112,219	1,542,530	4,569,689	0.90	4,114,700
2011/12	24.0	32.6%	36.0	48.3%	23.3%	7,707,571	1,792,979	5,914,592	0.90	5,309,929
2012/13	12.0	14.5%	24.0	32.6%	21.2%	10,443,083	2,215,277	8,227,806	0.89	7,351,950
2013/14	0.0	0.0%	12.0	14.5%	14.5%	13,056,000	1,894,191	11,161,809	0.89	9,911,255
Total						\$53,621,843	\$12,674,313	\$40,947,530		\$36,443,065

(3) and (5) are from Exhibit WC-Gov-Indem-2.

(7) to 2012/13 is from Exhibit WC-Gov-Indem-11. The amount for 2013/14 is from Exhibit WC-Gov-Indem-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	99.0%	264.0	99.3%	30.0%	\$462,695	\$138,809	\$323,886	0.92	\$298,781
1994/95	240.0	98.5%	252.0	99.0%	30.0%	0	0	0	0.92	0
1995/96	228.0	98.5%	240.0	98.5%	100.0%	0	0	0	0.92	0
1996/97	216.0	98.5%	228.0	98.5%	100.0%	0	0	0	0.88	0
1997/98	204.0	98.4%	216.0	98.5%	6.2%	58,317	3,641	54,676	0.85	46,696
1998/99	192.0	98.2%	204.0	98.4%	11.1%	84,477	9,362	75,115	0.83	62,685
1999/00	180.0	98.0%	192.0	98.2%	10.0%	195,475	19,467	176,008	0.83	145,313
2000/01	168.0	97.8%	180.0	98.0%	9.0%	158,586	14,337	144,249	0.82	117,677
2001/02	156.0	97.5%	168.0	97.8%	11.9%	294,369	35,058	259,311	0.81	208,855
2002/03	144.0	97.3%	156.0	97.5%	10.6%	219,796	23,329	196,467	0.80	157,621
2003/04	132.0	96.8%	144.0	97.3%	15.0%	489,699	73,294	416,405	0.80	331,801
2004/05	120.0	95.8%	132.0	96.8%	22.9%	322,795	73,798	248,997	0.80	199,567
2005/06	108.0	94.4%	120.0	95.8%	25.3%	477,338	120,547	356,791	0.82	293,231
2006/07	96.0	90.8%	108.0	94.4%	39.3%	977,397	384,149	593,248	0.84	499,177
2007/08	84.0	86.4%	96.0	90.8%	31.9%	1,449,921	462,167	987,754	0.88	868,652
2008/09	72.0	79.3%	84.0	86.4%	34.5%	2,389,495	824,031	1,565,464	0.89	1,395,740
2009/10	60.0	72.1%	72.0	79.3%	25.8%	3,493,274	902,476	2,590,798	0.90	2,338,749
2010/11	48.0	61.4%	60.0	72.1%	27.8%	4,569,689	1,269,731	3,299,958	0.90	2,970,284
2011/12	36.0	48.3%	48.0	61.4%	25.2%	5,914,592	1,492,655	4,421,937	0.90	3,981,659
2012/13	24.0	32.6%	36.0	48.3%	23.3%	8,227,806	1,913,999	6,313,807	0.90	5,668,331
2013/14	12.0	14.5%	24.0	32.6%	21.2%	11,161,809	2,367,739	8,794,070	0.89	7,857,935
2014/15	0.0	0.0%	12.0	14.5%	14.5%	13,251,000	1,922,482	11,328,518	0.89	10,059,286
Total						\$54,198,530	\$12,051,071	\$42,147,459		\$37,502,040

(3) and (5) are from Exhibit WC-Gov-Indem-2.

(7) to 2013/14 is from Exhibit WC-Gov-Indem-12, (9). The amount for 2014/15 is from Exhibit WC-Gov-Indem-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	99.3%	276.0	99.5%	30.0%	\$323,886	\$97,166	\$226,720	0.93	\$210,095
1994/95	252.0	99.0%	264.0	99.3%	30.0%	0	0	0	0.92	0
1995/96	240.0	98.5%	252.0	99.0%	30.0%	0	0	0	0.92	0
1996/97	228.0	98.5%	240.0	98.5%	100.0%	0	0	0	0.92	0
1997/98	216.0	98.5%	228.0	98.5%	100.0%	54,676	54,676	0	0.88	0
1998/99	204.0	98.4%	216.0	98.5%	6.2%	75,115	4,690	70,425	0.85	60,147
1999/00	192.0	98.2%	204.0	98.4%	11.1%	176,008	19,505	156,503	0.83	130,605
2000/01	180.0	98.0%	192.0	98.2%	10.0%	144,249	14,365	129,884	0.83	107,233
2001/02	168.0	97.8%	180.0	98.0%	9.0%	259,311	23,442	235,869	0.82	192,420
2002/03	156.0	97.5%	168.0	97.8%	11.9%	196,467	23,399	173,068	0.81	139,393
2003/04	144.0	97.3%	156.0	97.5%	10.6%	416,405	44,196	372,209	0.80	298,615
2004/05	132.0	96.8%	144.0	97.3%	15.0%	248,997	37,268	211,729	0.80	168,711
2005/06	120.0	95.8%	132.0	96.8%	22.9%	356,791	81,570	275,221	0.80	220,585
2006/07	108.0	94.4%	120.0	95.8%	25.3%	593,248	149,818	443,430	0.82	364,436
2007/08	96.0	90.8%	108.0	94.4%	39.3%	987,754	388,220	599,534	0.84	504,466
2008/09	84.0	86.4%	96.0	90.8%	31.9%	1,565,464	498,996	1,066,468	0.88	937,875
2009/10	72.0	79.3%	84.0	86.4%	34.5%	2,590,798	893,451	1,697,347	0.89	1,513,325
2010/11	60.0	72.1%	72.0	79.3%	25.8%	3,299,958	852,534	2,447,424	0.90	2,209,323
2011/12	48.0	61.4%	60.0	72.1%	27.8%	4,421,937	1,228,677	3,193,260	0.90	2,874,245
2012/13	36.0	48.3%	48.0	61.4%	25.2%	6,313,807	1,593,405	4,720,402	0.90	4,250,407
2013/14	24.0	32.6%	36.0	48.3%	23.3%	8,794,070	2,045,727	6,748,343	0.90	6,058,443
2014/15	12.0	14.5%	24.0	32.6%	21.2%	11,328,518	2,403,103	8,925,415	0.89	7,975,298
2015/16	0.0	0.0%	12.0	14.5%	14.5%	13,450,000	1,951,354	11,498,646	0.89	10,210,353
Total						\$55,597,459	\$12,405,562	\$43,191,897		\$38,425,975

(3) and (5) are from Exhibit WC-Gov-Indem-2.

(7) to 2014/15 is from Exhibit WC-Gov-Indem-13, (9). The amount for 2015/16 is from Exhibit WC-Gov-Indem-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Indem-2.



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

Exhibit WC-Gov-Indem-15

Loss Rate and Severity Trend

I. Benefit Level Changes

Effective Date (1)	Benefit Level Change (2)	Cumulative Benefit Level Change (3)
07/01/05	1.002	1.002
07/15/05	1.000	1.002
07/20/05	1.084	1.086
11/16/05	0.923	1.002
01/15/06	1.003	1.005
02/01/06	1.071	1.076
07/01/06	1.002	1.078
07/15/06	1.002	1.081
01/15/07	1.003	1.084
07/01/07	1.002	1.086
07/15/07	1.002	1.088
01/15/08	1.003	1.091
07/01/08	1.003	1.095
07/15/08	1.002	1.097
01/15/09	1.002	1.099
07/01/09	1.001	1.100
07/15/09	1.002	1.102
01/15/10	1.004	1.106
07/01/10	1.001	1.107
07/15/10	1.002	1.110
06/28/11	0.989	1.098
07/01/11	1.001	1.099
09/01/11	0.983	1.080

II. Loss Rate and Severity Trend

Claim Period (1)	Benefit Trend (2013/14 = 1.000) (2)	Residual Trend (2013/14 = 1.000) (3)	Retention Index (2013/14 = 1.000) (4)	Loss Rate Trend (2013/14 = 1.000) (2)X(3)X(4) (5)	Wage Trend (2013/14 = 1.000) (6)	Severity Trend (2013/14 = 1.000) (5)X(6) (7)
2003/04	1.080	1.161	1.000	1.253	1.344	1.685
2004/05	1.050	1.143	1.000	1.201	1.305	1.566
2005/06	1.014	1.126	1.000	1.142	1.267	1.447
2006/07	0.996	1.110	1.000	1.105	1.230	1.359
2007/08	0.988	1.093	1.000	1.080	1.194	1.290
2008/09	0.982	1.077	1.000	1.058	1.159	1.226
2009/10	0.975	1.061	1.000	1.035	1.126	1.165
2010/11	0.982	1.046	1.000	1.026	1.093	1.122
2011/12	1.000	1.030	1.000	1.030	1.061	1.093
2012/13	1.000	1.015	1.000	1.015	1.030	1.045
2013/14	1.000	1.000	1.000	1.000	1.000	1.000
2014/15	1.000	0.985	1.000	0.985	0.971	0.957
2015/16	1.000	0.971	1.000	0.971	0.943	0.915

Section I, (2) and (3) reflect NCCI data.

Section II, (2) is based on Section I, (2).

Section II, (3) is based on 1.5% trend per actuarial judgment.

Section II, (4) is based on industry statistics and actuarial judgment.

Section II, (6) is based on 3% trend.



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

Exhibit WC-Gov-Indem-16

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
950468	2/28/1995	1994/95	Unlimited	\$574,867	\$476,997	\$1,051,864
20071070	8/1/2007	2006/07	Unlimited	1,452,197	0	1,452,197

The claim(s) indicated by a '*' have been limited in development.

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



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

Exhibit WC-Gov-Indem-17

Size of Loss Distribution

I. Reported Claim Count

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	15,505	516	534	388	213	188	17,344		
0.01 - 5,000	6,635	80	132	224	417	399	7,887	7,887	63.4%
5,000 - 10,000	1,161	28	35	36	33	31	1,324	9,211	74.1%
10,000 - 25,000	1,279	48	63	59	38	58	1,545	10,756	86.5%
25,000 - 50,000	675	28	40	52	41	30	866	11,622	93.5%
50,000 - 100,000	369	39	36	16	22	8	490	12,112	97.4%
100,000 - 250,000	186	27	18	11	9	0	251	12,363	99.4%
250,000 - 500,000	63	0	0	0	1	0	64	12,427	99.9%
500,000 - 750,000	6	0	0	0	0	0	6	12,433	100.0%
750,000 - 1,000,000	1	0	0	0	0	0	1	12,434	100.0%
Over 1,000,000	2	0	0	0	0	0	2	12,436	100.0%
Total	25,882	766	858	786	774	714	29,780	12,436	

II. Total Reported Incurred Losses

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	\$0	\$0	-\$1,167	\$0	\$0	\$0	-\$1,167		
0.01 - 5,000	6,498,027	111,512	175,154	206,863	204,741	132,260	7,328,557	7,328,557	4.3%
5,000 - 10,000	8,552,281	213,232	250,634	270,964	233,555	214,644	9,735,310	17,063,867	9.9%
10,000 - 25,000	20,544,634	812,795	1,050,412	967,222	613,116	911,313	24,899,492	41,963,359	24.4%
25,000 - 50,000	23,481,505	989,246	1,516,873	1,836,332	1,519,800	1,021,681	30,365,437	72,328,796	42.0%
50,000 - 100,000	25,115,040	2,740,764	2,601,762	1,080,270	1,463,993	586,708	33,588,536	105,917,332	61.5%
100,000 - 250,000	28,562,305	4,316,840	2,714,271	1,306,910	1,413,025	0	38,313,350	144,230,682	83.7%
250,000 - 500,000	20,847,023	0	0	0	500,000	0	21,347,023	165,577,705	96.1%
500,000 - 750,000	3,475,422	0	0	0	0	0	3,475,422	169,053,127	98.1%
750,000 - 1,000,000	758,401	0	0	0	0	0	758,401	169,811,528	98.5%
Over 1,000,000	2,504,061	0	0	0	0	0	2,504,061	172,315,589	100.0%
Total	\$140,338,698	\$9,184,389	\$8,307,939	\$5,668,561	\$5,948,229	\$2,866,606	\$172,314,422	\$172,315,589	

Data was provided by the County.



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

Exhibit WC-Gov-Med-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	9,167	9	\$17,908,364	\$75,414	\$17,983,778
1994/95	Unlimited	None	228.0	Not Provided	1,401	3	2,227,341	18,014	2,245,356
1995/96	Unlimited	None	216.0	Not Provided	1,398	2	2,572,552	1,040	2,573,592
1996/97	Unlimited	None	204.0	Not Provided	1,258	0	1,730,917	0	1,730,917
1997/98	Unlimited	None	192.0	Not Provided	1,203	2	1,747,825	28,500	1,776,324
1998/99	Unlimited	None	180.0	Not Provided	1,152	1	2,746,380	1,116	2,747,496
1999/00	Unlimited	None	168.0	Not Provided	1,168	1	2,969,951	65,024	3,034,974
2000/01	9,500,000	40,000,000	156.0	741,455	1,224	4	4,754,073	143,435	4,897,508
2001/02	9,500,000	40,000,000	144.0	775,697	1,191	2	4,553,258	21,866	4,575,124
2002/03	9,500,000	45,000,000	132.0	802,181	1,248	3	4,645,548	0	4,645,548
2003/04	Unlimited	None	120.0	832,988	1,259	5	4,126,698	40,940	4,167,638
2004/05	Unlimited	None	108.0	855,507	1,346	5	12,157,088	79,311	12,236,400
2005/06	Unlimited	None	96.0	849,639	1,182	3	4,210,478	14,264	4,224,742
2006/07	Unlimited	None	84.0	882,563	910	6	5,271,155	74,026	5,345,182
2007/08	Unlimited	None	72.0	935,032	775	15	9,727,814	144,666	9,872,481
2008/09	Unlimited	None	60.0	967,471	766	26	5,514,101	190,458	5,704,559
2009/10	Unlimited	None	48.0	1,026,721	858	32	5,843,111	297,417	6,140,527
2010/11	Unlimited	None	36.0	961,636	786	45	4,175,372	197,648	4,373,020
2011/12	Unlimited	None	24.0	934,088	774	108	3,232,806	607,652	3,840,457
2012/13	Unlimited	None	12.0	982,292	714	357	1,043,964	1,760,769	2,804,733
Total					29,780	629	\$101,158,796	\$3,761,561	\$104,920,357

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/77	Unlimited
12/01/00	9,500,000
12/01/03	Unlimited

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-Gov-Med-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Payroll (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	9,167	9	\$17,908,364	\$75,414	\$17,983,778
1994/95	Unlimited	None	228.0	Not Provided	1,401	3	2,227,341	18,014	2,245,356
1995/96	Unlimited	None	216.0	Not Provided	1,398	2	2,572,552	1,040	2,573,592
1996/97	Unlimited	None	204.0	Not Provided	1,258	0	1,730,917	0	1,730,917
1997/98	Unlimited	None	192.0	Not Provided	1,203	2	1,747,825	28,500	1,776,324
1998/99	Unlimited	None	180.0	Not Provided	1,152	1	2,746,380	1,116	2,747,496
1999/00	Unlimited	None	168.0	Not Provided	1,168	1	2,969,951	65,024	3,034,974
2000/01	Unlimited	40,000,000	156.0	741,455	1,224	4	4,754,073	143,435	4,897,508
2001/02	Unlimited	40,000,000	144.0	775,697	1,191	2	4,553,258	21,866	4,575,124
2002/03	Unlimited	45,000,000	132.0	802,181	1,248	3	4,645,548	0	4,645,548
2003/04	Unlimited	None	120.0	832,988	1,259	5	4,126,698	40,940	4,167,638
2004/05	Unlimited	None	108.0	855,507	1,346	5	12,157,088	79,311	12,236,400
2005/06	Unlimited	None	96.0	849,639	1,182	3	4,210,478	14,264	4,224,742
2006/07	Unlimited	None	84.0	882,563	910	6	5,271,155	74,026	5,345,182
2007/08	Unlimited	None	72.0	935,032	775	15	9,727,814	144,666	9,872,481
2008/09	Unlimited	None	60.0	967,471	766	26	5,514,101	190,458	5,704,559
2009/10	Unlimited	None	48.0	1,026,721	858	32	5,843,111	297,417	6,140,527
2010/11	Unlimited	None	36.0	961,636	786	45	4,175,372	197,648	4,373,020
2011/12	Unlimited	None	24.0	934,088	774	108	3,232,806	607,652	3,840,457
2012/13	Unlimited	None	12.0	982,292	714	357	1,043,964	1,760,769	2,804,733
Total					29,780	629	\$101,158,796	\$3,761,561	\$104,920,357

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



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

Exhibit WC-Gov-Med-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	99.9%	100.0%	100.0%	354.0	99.9%	100.0%	100.0%
348.0	99.9%	100.0%	100.0%	342.0	99.9%	100.0%	100.0%
336.0	99.8%	100.0%	100.0%	330.0	99.8%	100.0%	100.0%
324.0	99.8%	100.0%	100.0%	318.0	99.7%	100.0%	100.0%
312.0	99.7%	100.0%	100.0%	306.0	99.6%	100.0%	100.0%
300.0	99.5%	100.0%	100.0%	294.0	99.4%	100.0%	100.0%
288.0	99.3%	100.0%	100.0%	282.0	99.2%	100.0%	100.0%
276.0	99.0%	100.0%	100.0%	270.0	98.8%	100.0%	100.0%
264.0	98.6%	100.0%	100.0%	258.0	98.3%	100.0%	100.0%
252.0	98.0%	100.0%	100.0%	246.0	97.5%	100.0%	100.0%
240.0	97.1%	100.0%	100.0%	234.0	97.1%	100.0%	100.0%
228.0	97.1%	100.0%	100.0%	222.0	97.1%	100.0%	100.0%
216.0	97.1%	100.0%	100.0%	210.0	97.1%	100.0%	100.0%
204.0	97.1%	100.0%	100.0%	198.0	97.0%	100.0%	100.0%
192.0	97.0%	100.0%	100.0%	186.0	96.9%	100.0%	100.0%
180.0	96.9%	100.0%	100.0%	174.0	96.8%	100.0%	100.0%
168.0	96.8%	100.0%	100.0%	162.0	96.7%	100.0%	100.0%
156.0	96.6%	100.0%	100.0%	150.0	96.4%	100.0%	100.0%
144.0	96.2%	100.0%	100.0%	138.0	96.0%	100.0%	100.0%
132.0	95.8%	100.0%	100.0%	126.0	95.6%	100.0%	100.0%
120.0	95.4%	100.0%	100.0%	114.0	94.9%	100.0%	100.0%
108.0	94.4%	100.0%	100.0%	102.0	93.7%	100.0%	100.0%
96.0	93.0%	99.9%	100.0%	90.0	92.1%	99.8%	100.0%
84.0	91.2%	99.7%	100.0%	78.0	90.1%	99.5%	100.0%
72.0	89.0%	99.2%	100.0%	66.0	87.5%	98.7%	100.0%
60.0	86.0%	98.2%	99.9%	54.0	83.0%	97.5%	99.9%
48.0	80.0%	96.8%	99.8%	42.0	75.5%	93.6%	99.7%
36.0	71.1%	90.4%	99.6%	30.0	64.0%	84.5%	99.4%
24.0	56.9%	78.6%	99.2%	18.0	39.0%	65.5%	98.0%
12.0	21.1%	52.4%	96.8%	6.0	10.5%	26.2%	48.4%

(2) is from Exhibit WC-Gov-Med-2 (page 2).

(3) is from Exhibit WC-Gov-Med-2 (page 3).

(4) is from Exhibit WC-Gov-Med-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.

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

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	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-Ult
to 1993/04																				
1994/05	818	1,624	1,818	1,910	1,971	2,022	2,068	2,145	2,151	2,168	2,169	2,173	2,180	2,192	2,225	\$18,251	\$18,160	\$18,126	\$17,908	
1995/06	694	1,870	2,124	2,219	2,307	2,392	2,455	2,467	2,471	2,471	2,472	2,471	2,473	2,489	2,570	2,226	2,227	2,227	2,227	
1996/07	486	1,215	1,347	1,427	1,508	1,529	1,557	1,626	1,654	1,680	1,707	1,721	1,731	1,731	1,731	1,731	1,731	1,731	1,731	
1997/08	580	1,450	1,654	1,855	1,998	2,088	2,126	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	
1998/09	731	1,585	1,927	2,095	2,288	2,427	2,512	2,563	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	
1999/00	763	1,893	2,434	2,822	2,926	2,930	2,940	2,959	2,964	2,966	2,970	2,970	2,970	2,970	2,970	2,970	2,970	2,970	2,970	
2000/01	865	2,674	3,472	3,826	4,047	4,177	4,436	4,436	4,436	4,436	4,436	4,436	4,436	4,436	4,436	4,436	4,436	4,436	4,436	
2001/02	850	2,684	3,562	4,167	4,288	4,402	4,443	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	
2002/03	1,107	3,340	3,845	4,049	4,176	4,402	4,443	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	4,452	
2003/04	1,063	2,720	3,335	3,528	3,771	4,003	4,060	4,079	4,129	4,127	4,127	4,127	4,127	4,127	4,127	4,127	4,127	4,127	4,127	
2004/05	3,021	5,751	7,365	8,572	9,829	10,851	12,131	12,148	12,157											
2005/06	1,574	3,317	3,916	4,020	4,109	4,105	4,203	4,210												
2006/07	1,796	3,767	4,396	4,724	5,079	5,147	5,271													
2007/08	1,531	4,506	5,607	6,923	8,636	9,728														
2008/09	1,542	3,618	4,593	5,295	5,514															
2009/10	1,421	3,902	5,215	5,843																
2010/11	1,386	3,217	4,175																	
2011/12	1,000	3,233																		
2012/13	1,044																			

II. Limited Paid Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	1,985	1,120	1,051	1,032	1,026	1,023	1,037	1,003	1,008	1,000	1,002	1,003	1,006	1,015	1,000	0.995	0.998	0.988	1.000	
1995/06	2,695	1,136	1,045	1,040	1,037	1,026	1,005	1,002	1,000	1,000	1,000	1,001	1,007	1,033	1,001	1,000	1,000	1,000		
1996/07	2,667	1,108	1,059	1,057	1,014	1,018	1,044	1,018	1,015	1,016	1,009	1,006	1,000	1,000	1,000	1,000	1,000	1,000		
1997/08	2,086	1,202	1,138	1,026	1,007	1,009	1,008	1,000	1,000	1,000	1,000	1,000	1,001	1,002	1,002	1,000	1,000	1,000		
1998/09	2,168	1,215	1,087	1,092	1,061	1,035	1,020	1,003	1,060	1,001	1,007	1,001	1,000	1,000	1,000	1,000	1,000	1,000		
1999/00	2,481	1,285	1,160	1,037	1,002	1,003	1,007	1,002	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000		
2000/01	3,091	1,298	1,102	1,058	1,032	1,062	1,043	1,011	1,004	1,008	1,003	1,001	1,000	1,000	1,000	1,000	1,000	1,000		
2001/02	3,156	1,327	1,170	1,029	1,018	1,018	1,025	1,011	0.988	1,001	1,000	1,001	1,000	1,001	1,001	1,001	1,001	1,001		
2002/03	3,018	1,151	1,053	1,031	1,054	1,029	1,011	1,006	1,005	1,004										
2003/04	2,511	1,226	1,058	1,069	1,061	1,104	1,005	1,012	0.999											
2004/05	1,904	1,281	1,164	1,147	1,104	1,118	1,001	1,001												
2005/06	2,107	1,180	1,027	1,022	1,024	1,024	1,002													
2006/07	2,097	1,167	1,075	1,075	1,014	1,024														
2007/08	2,944	1,244	1,235	1,247																
2008/09	2,346	1,270	1,153	1,041																
2009/10	2,745	1,337	1,121																	
2010/11	2,322	1,298																		
2011/12	3,234																			
2012/13																				

Average																				
All	2,531	1,226	1,106	1,067	1,040	1,031	1,017	1,006	1,008	1,004	1,003	1,002	1,002	1,010	1,001	0.999	0.999	0.994	1.000	
Wtd 3	2,719	1,302	1,172	1,135	1,065	1,075	1,002	1,004	0.998	1,004	1,001	1,001	1,000	1,001	1,001	1,000	0.999			
Last 3	2,767	1,301	1,169	1,121	1,046	1,055	1,003	1,005	0.998	1,004	1,001	1,001	1,000	1,001	1,001	1,000	0.999			
Last 5	2,678	1,271	1,116	1,088	1,060	1,026	1,006	1,009	1,001	1,002	1,001	1,001	1,000	1,006						
x-Hi,Low																				
Similar																				
Previous	2,700	1,250	1,125	1,075	1,035	1,025	1,020	1,015	1,010	1,005	1,004	1,004	1,002	1,001	1,001	1,001	1,000	1,000	1,000	1,030
Selected	2,700	1,250	1,125	1,075	1,035	1,025	1,020	1,015	1,010	1,005	1,004	1,004	1,002	1,001	1,001	1,001	1,000	1,000	1,000	1,030
Cumulative	4,748	1,759	1,407	1,251	1,163	1,097	1,097	1,075	1,059	1,049	1,043	1,039	1,035	1,033	1,032	1,031	1,030	1,030	1,030	1,030
Percent	21.1%	56.9%	71.1%	80.0%	86.0%	89.0%	91.2%	93.0%	94.4%	95.4%	95.8%	96.2%	96.6%	96.8%	96.9%	97.0%	97.1%	97.1%	97.1%	97.1%

Amounts are limited (net of excess insurance).

Data was provided by the County.

**COOK COUNTY, ILLINOIS
WORKERS' COMPENSATION - GENERAL GOVERNMENT (MEDICAL)**
Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	3,093	2,566	2,682	2,598	2,826	2,463	2,492	2,539	2,572	2,573	2,560	2,562	2,562	2,510	2,320	\$18,276	\$18,185	\$18,126	\$17,983	\$17,984
1995/06	3,047	4,180	4,083	4,018	3,622	3,743	3,805	3,784	3,716	3,672	3,663	3,663	3,663	2,610	2,610	2,313	2,316	2,316	2,245	
1996/07	2,698	3,455	3,351	2,412	2,530	2,531	2,624	2,608	2,579	2,191	2,216	2,235	1,756	1,756	1,731	2,610	2,574	2,574		
1997/08	1,684	2,417	2,311	2,550	2,618	2,636	2,599	2,587	2,351	2,350	2,350	2,350	1,756	1,756	1,731	1,731	1,731			
1998/09	2,234	3,802	3,550	4,093	4,321	3,982	4,036	4,004	4,000	4,153	2,747	2,747	2,747	2,747	2,747	1,776				
1999/00	2,332	4,466	5,256	5,811	5,716	5,639	5,613	5,593	5,577	3,044	3,044	3,035	3,035	3,035						
2000/01	2,957	5,759	6,126	6,106	6,052	6,219	6,413	6,525	4,852	4,840	4,826	4,834	4,898							
2001/02	2,383	5,034	5,850	6,291	6,046	6,017	5,976	4,798	4,947	4,654	4,657	4,575								
2002/03	3,434	5,846	6,060	5,898	5,926	6,204	4,813	4,684	4,628	4,629	4,646									
2003/04	3,808	5,209	5,433	5,552	5,766	4,221	4,177	4,221	4,231	4,168										
2004/05	5,291	8,144	9,578	11,009	10,606	11,352	12,223	12,236												
2005/06	3,991	5,824	6,342	4,346	4,301	4,114	4,217	4,225												
2006/07	3,916	6,066	4,959	5,180	5,221	5,243	5,345													
2007/08	4,165	5,970	6,918	7,136	8,872	9,872														
2008/09	3,248	4,691	4,962	5,657	5,705															
2009/10	3,212	4,324	5,492	6,141																
2010/11	2,334	3,686	4,373																	
2011/12	2,252	3,840																		
2012/13	2,805																			

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	0.830	1.045	0.969	1.088	0.872	1.012	1.019	1.013	1.001	0.995	1.001	0.977	1.003	0.924	0.997	0.995	0.997	0.992	1.000	
1995/06	1.365	0.982	0.984	0.901	1.034	1.017	0.984	0.982	0.988	0.998	1.000	1.000	0.712	1.000	1.000	1.001	1.000	0.970		
1996/07	1.281	0.970	0.720	1.049	1.000	1.037	0.984	0.989	0.850	1.011	1.009	0.787	1.000	0.984	1.000	1.000	1.000			
1997/08	1.435	0.956	1.103	1.027	1.007	0.986	0.995	0.999	1.000	1.000	0.747	1.000	1.000	1.011	1.000	1.000	1.000			
1998/09	1.702	0.934	1.153	1.056	0.921	1.014	0.992	1.003	1.038	0.661	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1999/00	1.916	1.177	1.106	0.984	0.987	0.989	1.003	0.997	0.546	1.000	0.997	1.000	1.000	1.000	1.000	1.000	1.000			
2000/01	1.948	1.064	0.997	0.991	1.028	1.031	1.017	0.744	0.997	1.000	1.002	1.013		1.000						
2001/02	2.112	1.162	1.075	0.961	0.995	0.993	0.803	1.031	0.941	1.001	0.982									
2002/03	1.702	1.037	0.973	1.005	1.047	0.776	0.990	0.988	1.000	1.003										
2003/04	1.368	1.043	1.022	1.039	1.070	1.004	0.990	1.013	0.985											
2004/05	1.539	1.176	1.150	0.963	1.039	1.077	1.001	1.000												
2005/06	1.459	0.889	0.685	0.990	0.957	1.025	1.002													
2006/07	1.549	0.817	1.045	1.008	1.004	1.020														
2007/08	1.433	1.159	1.031	1.243	1.113															
2008/09	1.444	1.058	1.140	1.008																
2009/10	1.346	1.270	1.118																	
2010/11	1.580	1.186																		
2011/12	1.706																			
2012/13																				
Average All	1.540	1.066	1.017	1.021	0.983	0.988	0.982	0.970	0.935	0.963	0.967	0.968	0.953	0.984	0.999	0.996	0.999	0.981	1.000	
Wtd 3	1.520	1.167	1.090	1.102	1.045	1.052	0.999	1.000	0.974	1.000	0.993	1.006	1.000	0.999	1.000	0.995	0.997			
Last 3	1.544	1.171	1.097	1.087	1.024	1.040	0.997	1.000	0.975	1.000	0.994	1.004	1.000	0.989	1.000	0.996	0.999			
Last 5 x-til low	1.486	1.134	1.065	1.002	1.010	1.016	0.986	1.000	0.974	0.999	0.993	1.000	1.000	0.995						
Similar Previous	1.500	1.150	1.070	1.015	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	
Selected Cumulative	1.500	1.150	1.070	1.015	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	
Percent	52.4%	78.6%	90.4%	96.8%	98.2%	99.2%	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.



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

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05				1,397	1,401	1,400	1,401	1,401	1,401	1,401	1,401	1,401	1,401	1,401	1,401	9,165	9,166	9,166	9,166	9,167
1995/06			1,387	1,390	1,391	1,394	1,397	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,401	1,401	1,401	1,401	
1996/07			1,242	1,247	1,252	1,254	1,256	1,255	1,257	1,257	1,257	1,258	1,258	1,258	1,258	1,258	1,257	1,258	1,258	
1997/08	1,163	1,235	1,191	1,196	1,200	1,201	1,201	1,202	1,202	1,202	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	
1998/09	1,137	1,143	1,149	1,151	1,151	1,151	1,151	1,152	1,152	1,152	1,152	1,151	1,151	1,152	1,152	1,152	1,152	1,152	1,152	
1999/00	1,134	1,153	1,159	1,160	1,163	1,164	1,165	1,165	1,166	1,167	1,167	1,168	1,168	1,168	1,168	1,168	1,168	1,168	1,168	
2000/01	1,190	1,211	1,216	1,219	1,219	1,221	1,221	1,222	1,222	1,222	1,222	1,224	1,224	1,224	1,224	1,224	1,224	1,224	1,224	
2001/02	1,167	1,181	1,187	1,188	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	
2002/03	1,225	1,235	1,236	1,246	1,247	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	1,248	
2003/04	1,242	1,248	1,256	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	
2004/05	1,263	1,342	1,343	1,345	1,345	1,346	1,346	1,347	1,347	1,346	1,346	1,347	1,347	1,347	1,347	1,347	1,347	1,347	1,347	
2005/06	1,179	1,184	1,182	1,182	1,181	1,181	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	
2006/07	889	904	906	910	911	911	910	910	910	910	910	910	910	910	910	910	910	910	910	
2007/08	763	774	774	774	774	774	775	775	775	775	775	775	775	775	775	775	775	775	775	
2008/09	679	689	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	
2009/10	763	856	857	858	858	858	858	858	858	858	858	858	858	858	858	858	858	858	858	
2010/11	777	783	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786	786	
2011/12	770	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	774	
2012/13	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04																				
1994/05			1,002	1,003	0,999	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	
1995/06			1,004	1,004	1,002	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	
1996/07		1,006	1,004	1,000	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	
1997/08	1,024	1,004	1,003	1,000	1,000	1,000	1,001	1,000	1,000	1,000	1,001	1,000	1,000	1,000	1,000	1,001	1,000	1,000	1,000	
1998/09	1,005	1,005	1,002	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	1,000	1,000	
1999/00	1,017	1,005	1,001	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	
2000/01	1,018	1,004	1,002	1,000	1,002	1,001	1,001	1,001	1,001	1,001	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2001/02	1,012	1,005	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	
2002/03	1,008	1,001	1,008	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	
2003/04	1,005	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	
2004/05	1,063	1,001	1,001	1,000	1,001	1,001	1,001	0,999	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2005/06	1,004	0,998	1,000	0,999	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	1,000	1,000	
2006/07	1,017	1,002	1,004	1,001	1,000	0,999	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2007/08	1,014	1,000	1,000	1,000	1,000	0,999	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2008/09	1,015	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	1,000	1,000	1,000	1,000	
2009/10	1,122	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	
2010/11	1,008	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	
2011/12	1,005																			
2012/13																				

Average All	1,022	1,010	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	
Wtd 3	1,045	1,035	1,000	1,001	1,000	1,000	1,000	0,999	1,000	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Last 3	1,045	1,039	1,000	1,001	1,000	1,000	1,000	0,999	1,000	1,001	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Last 5 x-til low	1,012	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	

Similar Previous	1,025	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	1,000	
Selected	1,025	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	1,000	
Cumulative	1,033	1,008	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	
Percent	96.8%	99.2%	99.6%	99.8%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

Data was provided by the County.

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

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	26.5%	63.3%	67.8%	73.5%	69.7%	82.1%	83.0%	84.5%	83.6%	84.3%	84.8%	84.8%	87.1%	87.3%	95.9%	99.9%	99.9%	100.0%	99.6%	99.6%
1995/06	22.8%	45.0%	52.0%	55.2%	63.7%	63.9%	64.5%	65.2%	66.5%	67.3%	67.5%	67.5%	67.5%	67.5%	95.4%	96.2%	96.2%	96.2%	99.2%	
1996/07	10.9%	35.2%	40.2%	59.2%	59.6%	60.4%	59.3%	62.3%	64.2%	70.7%	71.0%	71.0%	71.0%	71.0%	98.4%	98.6%	98.6%	100.0%		
1997/08	34.4%	50.1%	62.9%	64.9%	64.9%	61.0%	66.4%	67.2%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	99.1%	99.1%	99.1%	100.0%		
1998/09	32.7%	41.7%	54.3%	51.2%	52.9%	61.0%	62.2%	64.0%	64.3%	65.6%	65.6%	65.6%	65.6%	65.6%	99.1%	99.1%	99.1%	100.0%		
1999/00	32.7%	42.4%	46.3%	48.6%	51.2%	52.0%	52.7%	52.9%	53.1%	57.4%	57.5%	57.5%	57.5%	57.5%	100.0%	98.2%	98.2%	98.2%		
2000/01	29.3%	45.4%	56.7%	62.7%	66.9%	67.2%	69.2%	70.9%	96.4%	97.0%	97.5%	97.9%	97.9%	97.9%	100.0%	98.3%	98.3%	98.3%		
2001/02	35.7%	53.3%	60.9%	66.2%	70.9%	72.5%	74.4%	94.9%	93.1%	97.7%	97.7%	99.5%	97.1%	97.1%						
2002/03	32.2%	57.1%	63.4%	68.7%	70.5%	71.0%	94.1%	97.7%	99.5%	100.0%	100.0%									
2003/04	28.4%	52.2%	61.4%	63.5%	65.4%	95.2%	96.2%	97.6%	97.6%	99.0%										
2004/05	57.1%	70.6%	76.9%	77.9%	92.7%	95.6%	99.2%	99.3%	99.4%											
2005/06	39.4%	57.0%	61.7%	92.5%	95.5%	99.8%	99.7%	99.7%												
2006/07	45.9%	62.1%	88.0%	91.2%	97.3%	98.2%	98.6%													
2007/08	36.8%	75.5%	81.0%	97.0%	97.3%	98.5%														
2008/09	47.5%	77.1%	92.6%	93.6%	96.7%															
2009/10	44.3%	90.2%	94.9%	95.2%																
2010/11	59.4%	87.3%																		
2011/12	44.4%	84.2%																		
2012/13	37.2%																			

Average																				
All	37.0%	60.6%	68.1%	72.6%	74.3%	77.3%	78.4%	79.7%	81.1%	85.9%	88.4%	90.5%	92.4%	96.3%	98.5%	98.6%	99.0%	98.7%	99.4%	99.6%
Last 3	47.0%	87.2%	94.3%	95.3%	97.1%	98.8%	99.2%	98.9%	98.8%	98.9%	98.6%	98.5%	98.3%	99.0%	99.4%	99.0%	98.7%	98.7%	99.4%	99.6%
Last 5	45.4%	82.9%	92.1%	93.8%	96.5%	97.4%	98.0%	98.2%	97.8%	98.1%	98.4%	99.0%	98.5%	98.5%	98.9%	98.9%	98.7%	98.7%	99.4%	99.6%
x-high																				
Implicit	40.2%	72.3%	78.6%	82.6%	87.5%	89.7%	91.5%	93.1%	94.4%	95.4%	95.8%	96.2%	96.6%	96.8%	96.9%	97.0%	97.1%	97.1%	97.1%	97.1%



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

Exhibit WC-Gov-Med-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$17,908,364	97.1%	\$18,445,615
1994/95	228.0	2,227,341	97.1%	2,294,162
1995/96	216.0	2,572,552	97.1%	2,649,728
1996/97	204.0	1,730,917	97.1%	1,782,845
1997/98	192.0	1,747,825	97.0%	1,802,060
1998/99	180.0	2,746,380	96.9%	2,834,432
1999/00	168.0	2,969,951	96.8%	3,068,235
2000/01	156.0	4,754,073	96.6%	4,921,222
2001/02	144.0	4,553,258	96.2%	4,732,200
2002/03	132.0	4,645,548	95.8%	4,847,430
2003/04	120.0	4,126,698	95.4%	4,327,563
2004/05	108.0	12,157,088	94.4%	12,876,316
2005/06	96.0	4,210,478	93.0%	4,526,468
2006/07	84.0	5,271,155	91.2%	5,780,083
2007/08	72.0	9,727,814	89.0%	10,933,706
2008/09	60.0	5,514,101	86.0%	6,414,565
2009/10	48.0	5,843,111	80.0%	7,307,100
2010/11	36.0	4,175,372	71.1%	5,874,199
2011/12	24.0	3,232,806	56.9%	5,685,165
2012/13	12.0	1,043,964	21.1%	4,956,930

(3) is from Exhibit WC-Gov-Med-1.

(4) is from Exhibit WC-Gov-Med-2.



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

Exhibit WC-Gov-Med-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$17,983,778	100.0%	\$17,983,778
1994/95	228.0	2,245,356	100.0%	2,245,356
1995/96	216.0	2,573,592	100.0%	2,573,592
1996/97	204.0	1,730,917	100.0%	1,730,917
1997/98	192.0	1,776,324	100.0%	1,776,324
1998/99	180.0	2,747,496	100.0%	2,747,496
1999/00	168.0	3,034,974	100.0%	3,034,974
2000/01	156.0	4,897,508	100.0%	4,897,508
2001/02	144.0	4,575,124	100.0%	4,575,124
2002/03	132.0	4,645,548	100.0%	4,645,548
2003/04	120.0	4,167,638	100.0%	4,167,638
2004/05	108.0	12,236,400	100.0%	12,236,400
2005/06	96.0	4,224,742	99.9%	4,228,967
2006/07	84.0	5,345,182	99.7%	5,361,228
2007/08	72.0	9,872,481	99.2%	9,951,629
2008/09	60.0	5,704,559	98.2%	5,807,795
2009/10	48.0	6,140,527	96.8%	6,345,428
2010/11	36.0	4,373,020	90.4%	4,835,267
2011/12	24.0	3,840,457	78.6%	4,883,372
2012/13	12.0	2,804,733	52.4%	5,349,581

(3) is from Exhibit WC-Gov-Med-1.

(4) is from Exhibit WC-Gov-Med-2.



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

Exhibit WC-Gov-Med-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	97.1%	100.0%	100.0%	\$17,908,364	\$75,414	\$17,983,778
1994/95	228.0	97.1%	100.0%	100.0%	2,227,341	18,014	2,245,356
1995/96	216.0	97.1%	100.0%	100.0%	2,572,552	1,040	2,573,592
1996/97	204.0	97.1%	100.0%	100.0%	1,730,917	0	1,730,917
1997/98	192.0	97.0%	100.0%	100.0%	1,747,825	28,500	1,776,324
1998/99	180.0	96.9%	100.0%	100.0%	2,746,380	1,116	2,747,496
1999/00	168.0	96.8%	100.0%	100.0%	2,969,951	65,024	3,034,974
2000/01	156.0	96.6%	100.0%	100.0%	4,754,073	143,435	4,897,508
2001/02	144.0	96.2%	100.0%	100.0%	4,553,258	21,866	4,575,124
2002/03	132.0	95.8%	100.0%	100.0%	4,645,548	0	4,645,548
2003/04	120.0	95.4%	100.0%	100.0%	4,126,698	40,940	4,167,638
2004/05	108.0	94.4%	100.0%	100.0%	12,157,088	79,311	12,236,400
2005/06	96.0	93.0%	99.9%	98.6%	4,210,478	14,264	4,224,949
2006/07	84.0	91.2%	99.7%	96.6%	5,271,155	74,026	5,347,787
2007/08	72.0	89.0%	99.2%	92.8%	9,727,814	144,666	9,883,724
2008/09	60.0	86.0%	98.2%	87.3%	5,514,101	190,458	5,732,172
2009/10	48.0	80.0%	96.8%	83.9%	5,843,111	297,417	6,197,673
2010/11	36.0	71.1%	90.4%	66.9%	4,175,372	197,648	4,470,617
2011/12	24.0	56.9%	78.6%	50.5%	3,232,806	607,652	4,436,301
2012/13	12.0	21.1%	52.4%	39.7%	1,043,964	1,760,769	5,474,990

(3) and (4) are from Exhibit WC-Gov-Med-2.

(6) and (7) are from Exhibit WC-Gov-Med-1.



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

Exhibit WC-Gov-Med-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$18,445,615	\$17,983,778	\$17,983,778	\$18,445,615
1994/95	2,294,162	2,245,356	2,245,356	2,294,162
1995/96	2,649,728	2,573,592	2,573,592	2,649,728
1996/97	1,782,845	1,730,917	1,730,917	1,730,917
1997/98	1,802,060	1,776,324	1,776,324	1,802,060
1998/99	2,834,432	2,747,496	2,747,496	2,834,432
1999/00	3,068,235	3,034,974	3,034,974	3,068,235
2000/01	4,921,222	4,897,508	4,897,508	4,921,222
2001/02	4,732,200	4,575,124	4,575,124	4,732,200
2002/03	4,847,430	4,645,548	4,645,548	4,645,548
2003/04	4,327,563	4,167,638	4,167,638	4,327,563
2004/05	12,876,316	12,236,400	12,236,400	12,876,316
2005/06	4,526,468	4,228,967	4,224,949	4,526,468
2006/07	5,780,083	5,361,228	5,347,787	5,780,083
2007/08	10,933,706	9,951,629	9,883,724	10,933,706
2008/09	6,414,565	5,807,795	5,732,172	6,414,565
2009/10	7,307,100	6,345,428	6,197,673	7,307,100
2010/11	5,874,199	4,835,267	4,470,617	5,874,199
2011/12	5,685,165	4,883,372	4,436,301	5,685,165
2012/13	4,956,930	5,349,581	5,474,990	4,956,930

(2) is from Exhibit WC-Gov-Med-3.

(3) is from Exhibit WC-Gov-Med-4.

(4) is from Exhibit WC-Gov-Med-5.

(5) is based on (2) to (4) and actuarial judgment.



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

Exhibit WC-Gov-Med-7

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)X100 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	Projected A-priori Loss Rate per \$100 of Payroll (7)/(5) (8)
2003/04	\$4,327,563	\$832,988	\$0.52	1.446	\$0.75	\$0.54
2004/05	12,876,316	855,507	1.51	1.391	2.09	0.56
2005/06	4,526,468	849,639	0.53	1.344	0.72	0.58
2006/07	5,780,083	882,563	0.65	1.262	0.83	0.62
2007/08	10,933,706	935,032	1.17	1.191	1.39	0.66
2008/09	6,414,565	967,471	0.66	1.071	0.71	0.73
2009/10	7,307,100	1,026,721	0.71	1.027	0.73	0.76
2010/11	5,874,199	961,636	0.61	1.012	0.62	0.77
2011/12	5,685,165	934,088	0.61	1.083	0.66	0.72
2012/13	4,956,930	982,292	0.50	1.040	0.52	0.75

(7) Projected 2013/14 a-priori loss rate per \$100 of Payroll \$0.78

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$5,514,101	86.0%	\$0.73	\$967,471	\$989,309	\$6,503,410
2009/10	5,843,111	80.0%	0.76	1,026,721	1,562,807	7,405,917
2010/11	4,175,372	71.1%	0.77	961,636	2,143,900	6,319,272
2011/12	3,232,806	56.9%	0.72	934,088	2,904,008	6,136,814
2012/13	1,043,964	21.1%	0.75	982,292	5,819,405	6,863,369

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per \$100 of Payroll (4)	Payroll (000) (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5)X10 (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$5,704,559	98.2%	\$0.73	\$967,471	\$125,272	\$5,829,831
2009/10	6,140,527	96.8%	0.76	1,026,721	251,881	6,392,408
2010/11	4,373,020	90.4%	0.77	961,636	708,693	5,081,713
2011/12	3,840,457	78.6%	0.72	934,088	1,437,758	5,278,216
2012/13	2,804,733	52.4%	0.75	982,292	3,506,932	6,311,665

Section I, (2) is from Exhibit WC-Gov-Med-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit WC-Gov-Med-10.

Section I, (5) is from Exhibit WC-Gov-Med-15.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit WC-Gov-Med-1.

Sections II and III, (3) are from Exhibit WC-Gov-Med-2.

Sections II and III, (4) are from Section I, (8).



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

Exhibit WC-Gov-Med-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Payroll (000) (6)	Frequency (per \$1M of Payroll) (5)/(6)X1,000 (7)
2003/04	120.0	1,259	100.0%	1,259	\$832,988	1.51
2004/05	108.0	1,346	100.0%	1,346	855,507	1.57
2005/06	96.0	1,182	100.0%	1,182	849,639	1.39
2006/07	84.0	910	100.0%	910	882,563	1.03
2007/08	72.0	775	100.0%	775	935,032	0.83
2008/09	60.0	766	99.9%	767	967,471	0.79
2009/10	48.0	858	99.8%	860	1,026,721	0.84
2010/11	36.0	786	99.6%	789	961,636	0.82
2011/12	24.0	774	99.2%	780	934,088	0.84
2012/13	12.0	714	96.8%	738	982,292	0.75

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$4,327,563	1,259	\$3,437	1.944	\$6,681	\$5,435	\$6,843,034
2004/05	12,876,316	1,346	9,566	1.814	17,357	5,822	7,836,797
2005/06	4,526,468	1,182	3,829	1.702	6,519	6,206	7,335,077
2006/07	5,780,083	910	6,352	1.552	9,859	6,806	6,193,175
2007/08	10,933,706	775	14,108	1.422	20,068	7,426	5,755,407
2008/09	6,414,565	767	8,363	1.242	10,388	8,504	6,522,926
2009/10	7,307,100	860	8,497	1.156	9,825	9,136	7,856,840
2010/11	5,874,199	789	7,445	1.106	8,237	9,548	7,533,506
2011/12	5,685,165	780	7,289	1.149	8,374	9,195	7,171,785
2012/13	4,956,930	738	6,717	1.071	7,195	9,862	7,277,833
(7) Projected 2013/14 average claim severity					\$10,564		

Section I, (3) is from Exhibit WC-Gov-Med-1.

Section I, (4) is from Exhibit WC-Gov-Med-2.

Section I, (6) is from Exhibit WC-Gov-Med-10.

Section II, (2) is from Exhibit WC-Gov-Med-6.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit WC-Gov-Med-15.

Section II, (7) is based on (6) and actuarial judgment.



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

Exhibit WC-Gov-Med-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (9)
to 1993/94	\$18,445,615	\$17,983,778	\$17,983,778				\$17,990,674	\$18,446,000
1994/95	2,294,162	2,245,356	2,245,356				2,325,000	2,294,000
1995/96	2,649,728	2,573,592	2,573,592				2,574,000	2,650,000
1996/97	1,782,845	1,730,917	1,730,917				1,730,731	1,730,917
1997/98	1,802,060	1,776,324	1,776,324				1,779,459	1,802,000
1998/99	2,834,432	2,747,496	2,747,496				2,748,000	2,834,000
1999/00	3,068,235	3,034,974	3,034,974				3,041,477	3,068,000
2000/01	4,921,222	4,897,508	4,897,508				4,842,000	4,921,000
2001/02	4,732,200	4,575,124	4,575,124				4,668,000	4,732,000
2002/03	4,847,430	4,645,548	4,645,548				4,630,000	4,645,548
2003/04	4,327,563	4,167,638	4,167,638				4,241,341	4,328,000
2004/05	12,876,316	12,236,400	12,236,400				12,733,000	12,876,000
2005/06	4,526,468	4,228,967	4,224,949				4,455,000	4,526,000
2006/07	5,780,083	5,361,228	5,347,787				5,578,000	5,780,000
2007/08	10,933,706	9,951,629	9,883,724				9,616,000	10,934,000
2008/09	6,414,565	5,807,795	5,732,172	6,503,410	5,829,831	6,522,926	6,288,000	6,503,000
2009/10	7,307,100	6,345,428	6,197,673	7,405,917	6,392,408	7,856,840	7,100,000	7,406,000
2010/11	5,874,199	4,835,267	4,470,617	6,319,272	5,081,713	7,533,506	6,700,000	6,500,000
2011/12	5,685,165	4,883,372	4,436,301	6,136,814	5,278,216	7,171,785	7,100,000	6,600,000
2012/13	4,956,930	5,349,581	5,474,990	6,863,369	6,311,665	7,277,833	8,249,000	7,600,000

(2) is from Exhibit WC-Gov-Med-3.

(3) is from Exhibit WC-Gov-Med-4.

(4) is from Exhibit WC-Gov-Med-5.

(5) and (6) are from Exhibit WC-Gov-Med-7.

(7) is from Exhibit WC-Gov-Med-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



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

Exhibit WC-Gov-Med-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Payroll (000) (3)	Limited Loss Rate per \$100 of Payroll (2)/(3)X10 (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)	
2003/04	\$4,328,000	\$832,988	\$0.52	1.446	\$0.75	
2004/05	12,876,000	855,507	1.51	1.391	2.09	
2005/06	4,526,000	849,639	0.53	1.344	0.72	
2006/07	5,780,000	882,563	0.65	1.262	0.83	
2007/08	10,934,000	935,032	1.17	1.191	1.39	
2008/09	6,503,000	967,471	0.67	1.071	0.72	
2009/10	7,406,000	1,026,721	0.72	1.027	0.74	
2010/11	6,500,000	961,636	0.68	1.012	0.68	
2011/12	6,600,000	934,088	0.71	1.083	0.77	
2012/13	7,600,000	982,292	0.77	1.040	0.80	
Total	\$73,053,000	\$9,227,935	\$0.79		\$0.95	

Claim Period (1)	Projected Limited Loss Rate per \$100 of Payroll (7)	Projected Payroll (000) (8)	Projected Ultimate Limited Losses (7)X(8)X10 (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per \$100 of Payroll (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11)X10 (12)
2013/14	\$0.85	\$1,024,479	\$8,686,000	0.90	\$0.77	\$7,856,000
2014/15	0.88	1,024,479	9,034,000	0.90	0.80	8,171,000
2015/16	0.92	1,024,479	9,395,000	0.90	0.83	8,498,000

(2) is from Exhibit WC-Gov-Med-9.

(3) was provided by the County.

(5) is from Exhibit WC-Gov-Med-15.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus the trend in Exhibit WC-Gov-Med-15.

(8) to 2013/14 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Med-2.



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

Exhibit WC-Gov-Med-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$17,908,364	\$75,414	\$17,983,778	\$18,446,000	\$462,222	\$537,636	0.92	\$492,827
1994/95	2,227,341	18,014	2,245,356	2,294,000	48,644	66,658	0.88	58,979
1995/96	2,572,552	1,040	2,573,592	2,650,000	76,408	77,448	0.85	66,145
1996/97	1,730,917	0	1,730,917	1,730,917	0	0	0.82	0
1997/98	1,747,825	28,500	1,776,324	1,802,000	25,676	54,176	0.80	43,445
1998/99	2,746,380	1,116	2,747,496	2,834,000	86,504	87,620	0.78	68,408
1999/00	2,969,951	65,024	3,034,974	3,068,000	33,026	98,050	0.76	74,587
2000/01	4,754,073	143,435	4,897,508	4,921,000	23,492	166,927	0.75	124,984
2001/02	4,553,258	21,866	4,575,124	4,732,000	156,876	178,742	0.75	134,011
2002/03	4,645,548	0	4,645,548	4,645,548	0	0	0.75	0
2003/04	4,126,698	40,940	4,167,638	4,328,000	160,362	201,302	0.75	150,823
2004/05	12,157,088	79,311	12,236,400	12,876,000	639,600	718,911	0.77	551,895
2005/06	4,210,478	14,264	4,224,742	4,526,000	301,258	315,522	0.79	249,213
2006/07	5,271,155	74,026	5,345,182	5,780,000	434,818	508,844	0.81	411,357
2007/08	9,727,814	144,666	9,872,481	10,934,000	1,061,519	1,206,185	0.82	990,758
2008/09	5,514,101	190,458	5,704,559	6,503,000	798,441	988,899	0.83	824,479
2009/10	5,843,111	297,417	6,140,527	7,406,000	1,265,473	1,562,890	0.86	1,341,238
2010/11	4,175,372	197,648	4,373,020	6,500,000	2,126,980	2,324,628	0.88	2,036,003
2011/12	3,232,806	607,652	3,840,457	6,600,000	2,759,543	3,367,195	0.89	2,999,038
2012/13	1,043,964	1,760,769	2,804,733	7,600,000	4,795,267	6,556,036	0.92	6,001,718
Total	\$101,158,796	\$3,761,561	\$104,920,357	\$120,176,465	\$15,256,109	\$19,017,669		\$16,619,908

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit WC-Gov-Med-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Med-2.



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

Exhibit WC-Gov-Med-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	97.1%	252.0	98.0%	30.0%	\$537,636	\$161,291	\$376,345	0.92	\$345,938
1994/95	228.0	97.1%	240.0	97.1%	100.0%	66,658	66,658	0	0.92	0
1995/96	216.0	97.1%	228.0	97.1%	100.0%	77,448	77,448	0	0.88	0
1996/97	204.0	97.1%	216.0	97.1%	100.0%	0	0	0	0.85	0
1997/98	192.0	97.0%	204.0	97.1%	3.2%	54,176	1,746	52,430	0.82	43,222
1998/99	180.0	96.9%	192.0	97.0%	3.1%	87,620	2,733	84,887	0.80	68,073
1999/00	168.0	96.8%	180.0	96.9%	3.0%	98,050	2,963	95,087	0.78	74,237
2000/01	156.0	96.6%	168.0	96.8%	5.7%	166,927	9,495	157,432	0.76	119,759
2001/02	144.0	96.2%	156.0	96.6%	10.2%	178,742	18,193	160,549	0.75	120,209
2002/03	132.0	95.8%	144.0	96.2%	9.2%	0	0	0	0.75	0
2003/04	120.0	95.4%	132.0	95.8%	10.3%	201,302	20,678	180,624	0.75	135,105
2004/05	108.0	94.4%	120.0	95.4%	16.9%	718,911	121,517	597,394	0.75	447,591
2005/06	96.0	93.0%	108.0	94.4%	20.0%	315,522	63,064	252,458	0.77	193,808
2006/07	84.0	91.2%	96.0	93.0%	20.7%	508,844	105,406	403,438	0.79	318,653
2007/08	72.0	89.0%	84.0	91.2%	20.2%	1,206,185	243,255	962,930	0.81	778,447
2008/09	60.0	86.0%	72.0	89.0%	21.4%	988,899	211,948	776,951	0.82	638,186
2009/10	48.0	80.0%	60.0	86.0%	29.9%	1,562,890	467,838	1,095,052	0.83	912,983
2010/11	36.0	71.1%	48.0	80.0%	30.7%	2,324,628	714,183	1,610,445	0.86	1,382,049
2011/12	24.0	56.9%	36.0	71.1%	33.0%	3,367,195	1,109,695	2,257,500	0.88	1,977,209
2012/13	12.0	21.1%	24.0	56.9%	45.4%	6,556,036	2,973,512	3,582,524	0.89	3,190,824
2013/14	0.0	0.0%	12.0	21.1%	21.1%	8,686,000	1,829,332	6,856,668	0.92	6,276,932
Total						\$27,703,669	\$8,200,955	\$19,502,714		\$17,023,225

(3) and (5) are from Exhibit WC-Gov-Med-2.

(7) to 2012/13 is from Exhibit WC-Gov-Med-11. The amount for 2013/14 is from Exhibit WC-Gov-Med-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Med-2.



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

Exhibit WC-Gov-Med-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	98.0%	264.0	98.6%	30.0%	\$376,345	\$112,904	\$263,441	0.92	\$243,021
1994/95	240.0	97.1%	252.0	98.0%	30.0%	0	0	0	0.92	0
1995/96	228.0	97.1%	240.0	97.1%	100.0%	0	0	0	0.92	0
1996/97	216.0	97.1%	228.0	97.1%	100.0%	0	0	0	0.88	0
1997/98	204.0	97.1%	216.0	97.1%	100.0%	52,430	52,430	0	0.85	0
1998/99	192.0	97.0%	204.0	97.1%	3.2%	84,887	2,736	82,151	0.82	67,724
1999/00	180.0	96.9%	192.0	97.0%	3.1%	95,087	2,966	92,121	0.80	73,874
2000/01	168.0	96.8%	180.0	96.9%	3.0%	157,432	4,757	152,675	0.78	119,198
2001/02	156.0	96.6%	168.0	96.8%	5.7%	160,549	9,133	151,416	0.76	115,182
2002/03	144.0	96.2%	156.0	96.6%	10.2%	0	0	0	0.75	0
2003/04	132.0	95.8%	144.0	96.2%	9.2%	180,624	16,625	163,999	0.75	122,957
2004/05	120.0	95.4%	132.0	95.8%	10.3%	597,394	61,366	536,028	0.75	400,944
2005/06	108.0	94.4%	120.0	95.4%	16.9%	252,458	42,673	209,785	0.75	157,179
2006/07	96.0	93.0%	108.0	94.4%	20.0%	403,438	80,635	322,803	0.77	247,810
2007/08	84.0	91.2%	96.0	93.0%	20.7%	962,930	199,469	763,461	0.79	603,015
2008/09	72.0	89.0%	84.0	91.2%	20.2%	776,951	156,690	620,261	0.81	501,428
2009/10	60.0	86.0%	72.0	89.0%	21.4%	1,095,052	234,699	860,353	0.82	706,692
2010/11	48.0	80.0%	60.0	86.0%	29.9%	1,610,445	482,074	1,128,371	0.83	940,762
2011/12	36.0	71.1%	48.0	80.0%	30.7%	2,257,500	693,560	1,563,940	0.86	1,342,139
2012/13	24.0	56.9%	36.0	71.1%	33.0%	3,582,524	1,180,659	2,401,865	0.88	2,103,650
2013/14	12.0	21.1%	24.0	56.9%	45.4%	6,856,668	3,109,865	3,746,803	0.89	3,337,141
2014/15	0.0	0.0%	12.0	21.1%	21.1%	9,034,000	1,902,623	7,131,377	0.92	6,528,414
Total						\$28,536,714	\$8,345,864	\$20,190,850		\$17,611,130

(3) and (5) are from Exhibit WC-Gov-Med-2.

(7) to 2013/14 is from Exhibit WC-Gov-Med-12, (9). The amount for 2014/15 is from Exhibit WC-Gov-Med-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Med-2.



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

Exhibit WC-Gov-Med-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	98.6%	276.0	99.0%	30.0%	\$263,441	\$79,032	\$184,409	0.93	\$170,887
1994/95	252.0	98.0%	264.0	98.6%	30.0%	0	0	0	0.92	0
1995/96	240.0	97.1%	252.0	98.0%	30.0%	0	0	0	0.92	0
1996/97	228.0	97.1%	240.0	97.1%	100.0%	0	0	0	0.92	0
1997/98	216.0	97.1%	228.0	97.1%	100.0%	0	0	0	0.88	0
1998/99	204.0	97.1%	216.0	97.1%	100.0%	82,151	82,151	0	0.85	0
1999/00	192.0	97.0%	204.0	97.1%	3.2%	92,121	2,969	89,152	0.82	73,495
2000/01	180.0	96.9%	192.0	97.0%	3.1%	152,675	4,762	147,913	0.80	118,614
2001/02	168.0	96.8%	180.0	96.9%	3.0%	151,416	4,575	146,841	0.78	114,643
2002/03	156.0	96.6%	168.0	96.8%	5.7%	0	0	0	0.76	0
2003/04	144.0	96.2%	156.0	96.6%	10.2%	163,999	16,692	147,307	0.75	110,294
2004/05	132.0	95.8%	144.0	96.2%	9.2%	536,028	49,339	486,689	0.75	364,892
2005/06	120.0	95.4%	132.0	95.8%	10.3%	209,785	21,550	188,235	0.75	140,798
2006/07	108.0	94.4%	120.0	95.4%	16.9%	322,803	54,563	268,240	0.75	200,976
2007/08	96.0	93.0%	108.0	94.4%	20.0%	763,461	152,593	610,868	0.77	468,953
2008/09	84.0	91.2%	96.0	93.0%	20.7%	620,261	128,486	491,775	0.79	388,425
2009/10	72.0	89.0%	84.0	91.2%	20.2%	860,353	173,510	686,843	0.81	555,254
2010/11	60.0	86.0%	72.0	89.0%	21.4%	1,128,371	241,840	886,531	0.82	728,195
2011/12	48.0	80.0%	60.0	86.0%	29.9%	1,563,940	468,153	1,095,787	0.83	913,596
2012/13	36.0	71.1%	48.0	80.0%	30.7%	2,401,865	737,912	1,663,953	0.86	1,427,968
2013/14	24.0	56.9%	36.0	71.1%	33.0%	3,746,803	1,234,799	2,512,004	0.88	2,200,114
2014/15	12.0	21.1%	24.0	56.9%	45.4%	7,131,377	3,234,460	3,896,917	0.89	3,470,842
2015/16	0.0	0.0%	12.0	21.1%	21.1%	9,395,000	1,978,653	7,416,347	0.92	6,789,289
Total						\$29,585,850	\$8,666,039	\$20,919,811		\$18,237,235

(3) and (5) are from Exhibit WC-Gov-Med-2.

(7) to 2014/15 is from Exhibit WC-Gov-Med-13, (9). The amount for 2015/16 is from Exhibit WC-Gov-Med-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit WC-Gov-Med-2.



Loss Rate and Severity Trend

I. Benefit Level Changes

Effective Date (1)	Benefit Level Change (2)	Cumulative Benefit Level Change (3)
02/01/06	0.995	0.995
01/01/07	1.026	1.021
01/01/08	1.018	1.039
01/01/09	1.029	1.069
02/01/09	1.048	1.121
01/01/10	0.992	1.112
01/01/11	1.015	1.128
09/01/11	0.853	0.963
01/01/12	1.015	0.977

II. Loss Rate and Severity Trend

Claim Period (1)	Benefit Trend (2013/14 = 1.000) (2)	Residual Trend (2013/14 = 1.000) (3)	Retention Index (2013/14 = 1.000) (4)	Loss Rate Trend (2013/14 = 1.000) (2)X(3)X(4) (5)	Wage Trend (2013/14 = 1.000) (6)	Severity Trend (2013/14 = 1.000) (5)X(6) (7)
2003/04	0.977	1.480	1.000	1.446	1.344	1.944
2004/05	0.977	1.423	1.000	1.391	1.305	1.814
2005/06	0.982	1.369	1.000	1.344	1.267	1.702
2006/07	0.959	1.316	1.000	1.262	1.230	1.552
2007/08	0.941	1.265	1.000	1.191	1.194	1.422
2008/09	0.881	1.217	1.000	1.071	1.159	1.242
2009/10	0.878	1.170	1.000	1.027	1.126	1.156
2010/11	0.900	1.125	1.000	1.012	1.093	1.106
2011/12	1.001	1.082	1.000	1.083	1.061	1.149
2012/13	1.000	1.040	1.000	1.040	1.030	1.071
2013/14	1.000	1.000	1.000	1.000	1.000	1.000
2014/15	1.000	0.962	1.000	0.962	0.971	0.934
2015/16	1.000	0.925	1.000	0.925	0.943	0.871

Section I, (2) and (3) reflect NCCI data.

Section II, (2) is based on Section I, (2).

Section II, (3) is based on 4% trend per actuarial judgment.

Section II, (4) is based on industry statistics and actuarial judgment.

Section II, (6) is based on 3% trend.



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

Exhibit WC-Gov-Med-16

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
20050352	2/5/2005	2004/05	Unlimited	\$6,217,628	\$0	\$6,217,628
20061775	2/5/2005	2004/05	Unlimited	1,471,257	0	1,471,257
20090036	7/1/2008	2007/08	Unlimited	2,960,455	19,683	2,980,139
20081090	8/1/2008	2007/08	Unlimited	1,233,408	0	1,233,408

The claim(s) indicated by a '*' have been limited in development.

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



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

Exhibit WC-Gov-Med-17

Size of Loss Distribution

I. Reported Claim Count

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	14,463	425	479	415	430	311	16,523		
0.01 - 5,000	9,191	211	224	233	231	287	10,377	10,377	78.3%
5,000 - 10,000	872	33	45	41	32	27	1,050	11,427	86.2%
10,000 - 25,000	712	36	43	47	36	58	932	12,359	93.2%
25,000 - 50,000	353	29	33	33	28	26	502	12,861	97.0%
50,000 - 100,000	173	16	21	8	10	4	232	13,093	98.8%
100,000 - 250,000	102	15	12	9	7	1	146	13,239	99.9%
250,000 - 500,000	10	1	1	0	0	0	12	13,251	100.0%
500,000 - 750,000	2	0	0	0	0	0	2	13,253	100.0%
750,000 - 1,000,000	0	0	0	0	0	0	0	13,253	100.0%
Over 1,000,000	4	0	0	0	0	0	4	13,257	100.0%
Total	25,882	766	858	786	774	714	29,780	13,257	

II. Total Reported Incurred Losses

Layer (1)	Prior (2)	2008/09 (3)	2009/10 (4)	2010/11 (5)	2011/12 (6)	2012/13 (7)	Total (2)...(7) (8)	Non-Zero Claim Cumulative Total (9)	Non-Zero Claim Cumulative % of Total (10)
0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
0.01 - 5,000	9,078,845	285,044	360,945	367,418	342,783	429,262	10,864,297	10,864,297	10.4%
5,000 - 10,000	6,161,779	229,713	333,228	279,941	231,885	205,552	7,442,098	18,306,394	17.4%
10,000 - 25,000	11,394,728	591,100	698,394	766,191	630,278	932,383	15,013,073	33,319,468	31.8%
25,000 - 50,000	12,131,170	1,055,261	1,128,307	1,137,558	1,039,061	873,914	17,365,271	50,684,739	48.3%
50,000 - 100,000	11,751,428	1,042,762	1,413,745	530,926	645,553	257,333	15,641,746	66,326,485	63.2%
100,000 - 250,000	15,392,726	2,203,618	1,938,450	1,290,985	950,899	106,290	21,882,968	88,209,452	84.1%
250,000 - 500,000	3,035,942	297,060	267,459	0	0	0	3,600,461	91,809,913	87.5%
500,000 - 750,000	1,208,013	0	0	0	0	0	1,208,013	93,017,926	88.7%
750,000 - 1,000,000	0	0	0	0	0	0	0	93,017,926	88.7%
Over 1,000,000	11,902,431	0	0	0	0	0	11,902,431	104,920,357	100.0%
Total	\$82,057,060	\$5,704,559	\$6,140,527	\$4,373,020	\$3,840,457	\$2,804,733	\$104,920,357	\$104,920,357	

Data was provided by the County.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Revenue (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	8	0	\$2,298,277	\$0	\$2,298,277
1994/95	Unlimited	None	228.0	779,719	13	0	477,315	0	477,315
1995/96	Unlimited	None	216.0	827,195	11	0	120,027	0	120,027
1996/97	Unlimited	None	204.0	911,921	15	0	311,221	0	311,221
1997/98	Unlimited	None	192.0	953,497	22	0	1,096,413	0	1,096,413
1998/99	Unlimited	None	180.0	958,768	29	0	256,471	0	256,471
1999/00	Unlimited	None	168.0	1,018,542	30	0	1,636,116	0	1,636,116
2000/01	9,500,000	40,000,000	156.0	1,068,809	41	0	692,872	0	692,872
2001/02	9,500,000	40,000,000	144.0	1,057,079	33	0	242,675	0	242,675
2002/03	9,500,000	45,000,000	132.0	1,086,728	34	0	428,613	0	428,613
2003/04	10,000,000	None	120.0	1,199,434	34	0	35,161	0	35,161
2004/05	10,000,000	25,000,000	108.0	1,189,789	65	0	222,376	0	222,376
2005/06	10,000,000	25,000,000	96.0	1,357,723	40	0	170,347	0	170,347
2006/07	10,000,000	25,000,000	84.0	1,243,144	49	0	117,830	0	117,830
2007/08	10,000,000	25,000,000	72.0	1,207,801	212	2	401,995	110,000	511,995
2008/09	10,000,000	25,000,000	60.0	1,303,812	142	0	152,107	0	152,107
2009/10	10,000,000	25,000,000	48.0	1,287,986	68	2	204,995	105,000	309,995
2010/11	10,000,000	25,000,000	36.0	1,293,078	48	3	24,048	35,000	59,048
2011/12	10,000,000	25,000,000	24.0	1,331,769	52	16	24,120	228,500	252,620
2012/13	15,000,000	25,000,000	12.0	Not Provided	68	54	302,801	80,000	382,801
Total					1,014	77	\$9,215,780	\$558,500	\$9,774,280

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/90	Unlimited
12/01/00	9,500,000
12/01/03	10,000,000
03/01/13	15,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Revenue (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	8	0	\$2,298,277	\$0	\$2,298,277
1994/95	Unlimited	None	228.0	779,719	13	0	477,315	0	477,315
1995/96	Unlimited	None	216.0	827,195	11	0	120,027	0	120,027
1996/97	Unlimited	None	204.0	911,921	15	0	311,221	0	311,221
1997/98	Unlimited	None	192.0	953,497	22	0	1,096,413	0	1,096,413
1998/99	Unlimited	None	180.0	958,768	29	0	256,471	0	256,471
1999/00	Unlimited	None	168.0	1,018,542	30	0	1,636,116	0	1,636,116
2000/01	Unlimited	40,000,000	156.0	1,068,809	41	0	692,872	0	692,872
2001/02	Unlimited	40,000,000	144.0	1,057,079	33	0	242,675	0	242,675
2002/03	Unlimited	45,000,000	132.0	1,086,728	34	0	428,613	0	428,613
2003/04	Unlimited	None	120.0	1,199,434	34	0	35,161	0	35,161
2004/05	Unlimited	25,000,000	108.0	1,189,789	65	0	222,376	0	222,376
2005/06	Unlimited	25,000,000	96.0	1,357,723	40	0	170,347	0	170,347
2006/07	Unlimited	25,000,000	84.0	1,243,144	49	0	117,830	0	117,830
2007/08	Unlimited	25,000,000	72.0	1,207,801	212	2	401,995	110,000	511,995
2008/09	Unlimited	25,000,000	60.0	1,303,812	142	0	152,107	0	152,107
2009/10	Unlimited	25,000,000	48.0	1,287,986	68	2	204,995	105,000	309,995
2010/11	Unlimited	25,000,000	36.0	1,293,078	48	3	24,048	35,000	59,048
2011/12	Unlimited	25,000,000	24.0	1,331,769	52	16	24,120	228,500	252,620
2012/13	Unlimited	25,000,000	12.0	Not Provided	68	54	302,801	80,000	382,801
Total					1,014	77	\$9,215,780	\$558,500	\$9,774,280

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	100.0%	100.0%	100.0%
132.0	100.0%	100.0%	100.0%	126.0	100.0%	100.0%	100.0%
120.0	100.0%	100.0%	100.0%	114.0	100.0%	100.0%	100.0%
108.0	100.0%	100.0%	100.0%	102.0	100.0%	100.0%	100.0%
96.0	100.0%	100.0%	100.0%	90.0	100.0%	100.0%	100.0%
84.0	100.0%	100.0%	100.0%	78.0	99.5%	100.0%	100.0%
72.0	99.0%	100.0%	100.0%	66.0	96.7%	98.8%	100.0%
60.0	94.3%	97.6%	100.0%	54.0	84.9%	95.2%	100.0%
48.0	75.4%	92.9%	100.0%	42.0	62.9%	88.7%	100.0%
36.0	50.3%	84.5%	100.0%	30.0	35.2%	72.4%	100.0%
24.0	20.1%	60.3%	100.0%	18.0	12.6%	45.3%	99.0%
12.0	5.0%	30.2%	98.0%	6.0	2.5%	15.1%	49.0%

(2) is from Exhibit GL-2 (page 2).

(3) is from Exhibit GL-2 (page 3).

(4) is from Exhibit GL-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04					\$1,403	\$1,539	\$1,548	\$1,548	\$1,549	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298
1994/05	11	40	51	171	426	1,443	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477
1995/06	10	23	30	70	85	110	110	120	120	120	120	120	120	120	120	120	120	120	120	120
1996/07	19	20	40	51	226	226	226	301	301	301	301	301	301	301	301	301	301	301	301	301
1997/08	4	66	91	1,036	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096
1998/09	5	9	99	154	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
1999/00	3	20	27	685	710	710	710	710	711	711	711	711	711	711	711	711	711	711	711	711
2000/01	6	16	515	579	590	685	693	693	693	693	693	693	693	693	693	693	693	693	693	693
2001/02	13	20	93	93	93	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243
2002/03	1	10	20	24	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429
2003/04	5	18	22	22	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
2004/05	10	24	61	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222
2005/06	4	41	74	164	164	164	170	170	170	170	170	170	170	170	170	170	170	170	170	170
2006/07	21	38	99	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
2007/08	37	69	81	128	398	402	402	402	402	402	402	402	402	402	402	402	402	402	402	402
2008/09	15	40	47	205	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
2009/10	19	27	119	205	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
2010/11	13	20	24	205	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
2011/12	20	24	24	205	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
2012/13	303	24	24	205	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152

II. Limited Paid Loss Development

Claim Period	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-Ult
to 1993/04					1,096	1,006	1,000	1,000	1,484	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1994/05	3,703	1,257	3,371	2,488	1,040	1,077	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	2,152	1,333	2,332	1,214	1,284	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	1,046	2,073	1,286	4,417	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	16,013	1,389	11,359	1,058	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	1,835	11,265	1,557	1,668	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	5,689	1,398	24,971	1,037	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	2,549	31,729	1,124	1,020	1,161	1,011	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	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	1,000	1,000	1,000	1,000	1,000	1,000
2002/03	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	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	3,393	1,199	1,000	1,623	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	2,462	2,571	3,623	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	11,562	1,797	2,222	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,784	2,622	1,192	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	1,851	1,173	1,590	3,101	1,009	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	2,643	1,180	1,000	3,229	1,009	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	1,443	4,407	1,720																	
2010/11	1,534	1,200																		
2011/12	1,204																			
2012/13																				

Average All
Wtd 3
Last 3
Last 5
x-fllow

Similar	2,200	1,590	1,340	1,200	1,110	1,060	1,045	1,025	1,020	1,150	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous	4,250	2,500	1,500	1,200	1,050	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
Selected	4,000	2,500	1,500	1,250	1,050	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
Cumulative	19,884	4,971	1,988	1,326	1,061	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
Percent	5.0%	20.1%	50.3%	75.4%	94.3%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	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-Ult
to 1993/04																				
1994/05	366	569	316	500	\$2,547	\$2,324	\$1,656	\$1,713	\$1,549	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298	\$2,298
1995/06	271	373	181	175	764	668	477	477	477	477	477	477	477	477	477	477	477	477	477	477
1996/07	476	1,251	1,321	1,017	170	140	140	120	120	120	120	120	120	120	120	120	120	120	120	120
1997/08	240	864	819	1,149	538	536	536	311	301	301	301	301	301	301	301	311	311	311	311	311
1998/09	160	869	845	775	1,142	1,131	1,131	1,106	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096	1,096
1999/00	564	1,506	1,830	2,261	962	965	715	2,211	2,193	2,193	2,193	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211
2000/01	817	3,836	690	734	725	693	693	2,193	2,193	1,693	693	693	693	693	693	693	693	693	693	693
2001/02	320	270	1,108	1,613	761	443	303	429	429	429	429	429	429	429	429	429	429	429	429	429
2002/03	125	1,626	12,779	12,979	439	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429
2003/04	641	327	337	982	55	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
2004/05	468	751	411	287	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222
2005/06	200	527	421	214	184	176	170	170	170	170	170	170	170	170	170	170	170	170	170	170
2006/07	412	421	317	133	133	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
2007/08	197	638	530	453	453	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
2008/09	169	127	70	47	152															
2009/10	117	211	332	310																
2010/11	68	219	59																	
2011/12	205	253																		
2012/13	383																			

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	1,553	0,556	1,582	1,526	0,913	0,712	1,035	0,904	1,484	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	1,374	0,465	0,967	0,971	0,744	0,840	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	2,630	1,056	0,770	0,529	0,824	1,000	0,857	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	3,436	0,994	1,403	0,994	0,997	1,000	0,980	0,968	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	4,832	0,972	0,917	1,003	0,369	0,895	0,978	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
1999/00	2,669	1,215	1,235	0,425	1,003	0,741	3,094	0,322	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	4,695	0,180	1,064	0,989	0,955	1,000	3,165	1,000	0,772	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	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	1,000	1,000	1,000	1,000	1,000	1,000
2002/03	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	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	0,510	1,030	2,916	0,056	0,637	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	1,540	0,547	0,650	0,832	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	2,632	0,800	0,507	0,860	0,959	0,966	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,022	0,755	0,419	1,000	0,887	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	3,239	0,831	0,855	1,000	1,129															
2008/09	0,756	0,550	0,672	3,229																
2009/10	1,805	1,575	0,935																	
2010/11	3,222	0,269																		
2011/12	1,234																			
2012/13																				

Average All	2,934	1,399	1,085	0,928	0,864	0,917	1,285	0,932	1,005	0,941	1,234	1,028	0,943	1,006	1,000	1,000	1,000	1,000	1,000	1,000
Wtd 3	1,752	0,827	0,870	1,166	1,047	0,988	1,000	1,000	0,922	0,577	1,911	1,158	0,735	1,006	1,000	1,000	1,000	1,000	1,000	1,000
Last 3	2,087	0,798	0,821	1,743	0,982	0,989	1,000	1,000	0,834	0,803	1,703	1,075	0,868	1,011	1,000	1,000	1,000	1,000	1,000	1,000
Last 5 x-flow	2,087	0,712	0,678	0,953	0,949	1,000	1,000	1,000	0,934	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Similar	1,750	1,320	1,170	1,095	1,055	1,035	1,025	1,020	1,010	1,085	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous	2,000	1,500	1,150	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected	2,000	1,400	1,100	1,050	1,025	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	3,315	1,657	1,184	1,076	1,025	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	30.2%	60.3%	84.5%	92.9%	97.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05				17	18	14	13	6	7	8	8	8	8	8	8	8	8	8	8	8
1995/06				13	12	11	11	13	13	13	13	13	13	13	13	13	13	13	13	13
1996/07				19	17	15	15	11	11	11	11	11	11	11	11	11	11	11	11	11
1997/08		25	37	25	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
1998/09	31	48	36	32	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
1999/00	40	45	39	33	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
2000/01	53	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
2001/02	82	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
2002/03	46	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
2003/04	32	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
2004/05	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
2005/06	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
2006/07	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
2007/08	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212
2008/09	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
2009/10	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
2010/11	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
2011/12	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
2012/13	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04																				
1994/05				1,059	0,776	0,929	1,000	1,167	1,143	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06				0,923	0,826	0,917	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07				0,826	0,885	0,917	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	1,194	0,973	0,826	0,960	0,917	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	1,200	0,771	0,865	0,906	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	0,849	0,867	0,846	0,909	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	0,549	0,911	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	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	1,000	1,000	1,000	1,000	1,000	1,000
2002/03	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	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2010/11	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2011/12	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2012/13																				

Average
All
Wtd 3
Last 3
Last 5
x-fllow

Similar
Previous
Selected
Cumulative
Percent

COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	3.0%	7.1%	18.1%	34.2%	55.1%	66.2%	83.5%	90.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1995/06	3.9%	6.0%	16.6%	40.3%	55.8%	78.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1996/07	3.9%	1.6%	3.1%	5.0%	50.0%	78.6%	78.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1997/08	1.7%	8.0%	11.1%	90.2%	42.1%	42.2%	42.2%	96.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1998/09	2.7%	1.0%	11.7%	19.9%	96.0%	89.5%	100.0%	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1999/00	0.6%	1.3%	1.5%	30.3%	73.8%	89.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2000/01	0.8%	0.4%	74.6%	78.9%	81.4%	73.6%	99.3%	32.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2001/02	3.9%	7.3%	8.4%	5.7%	12.2%	98.9%	100.0%	31.6%	31.6%	40.9%	100.0%	100.0%	26.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2002/03	1.0%	0.6%	0.2%	0.2%	97.7%	54.8%	80.2%	80.2%	80.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2003/04	0.8%	5.5%	6.4%	2.2%	63.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2004/05	2.0%	3.2%	14.9%	83.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2005/06	1.8%	7.8%	17.5%	76.6%	89.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2006/07	5.1%	9.0%	31.1%	88.7%	88.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2007/08	18.9%	10.8%	15.2%	28.3%	87.9%	78.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2008/09	9.0%	31.3%	67.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2009/10	16.1%	12.8%	35.9%	66.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2010/11	19.2%	9.1%	40.7%	66.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2011/12	9.8%	9.5%	40.7%	66.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2012/13	79.1%																			

Average																				
All	9.6%	7.4%	21.9%	46.8%	70.4%	83.3%	92.2%	86.9%	92.6%	94.6%	100.0%	92.5%	90.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 3	36.0%	10.5%	48.0%	64.8%	92.2%	90.5%	100.0%	100.0%	100.0%	100.0%	100.0%	77.4%	75.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 5	15.0%	11.1%	35.9%	77.2%	92.6%	97.6%	100.0%	100.0%	93.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
x-high																				
Implicit	16.7%	33.3%	59.5%	81.2%	96.7%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$2,298,277	100.0%	\$2,298,277
1994/95	228.0	477,315	100.0%	477,315
1995/96	216.0	120,027	100.0%	120,027
1996/97	204.0	311,221	100.0%	311,221
1997/98	192.0	1,096,413	100.0%	1,096,413
1998/99	180.0	256,471	100.0%	256,471
1999/00	168.0	1,636,116	100.0%	1,636,116
2000/01	156.0	692,872	100.0%	692,872
2001/02	144.0	242,675	100.0%	242,675
2002/03	132.0	428,613	100.0%	428,613
2003/04	120.0	35,161	100.0%	35,161
2004/05	108.0	222,376	100.0%	222,376
2005/06	96.0	170,347	100.0%	170,347
2006/07	84.0	117,830	100.0%	117,830
2007/08	72.0	401,995	99.0%	406,015
2008/09	60.0	152,107	94.3%	161,310
2009/10	48.0	204,995	75.4%	271,746
2010/11	36.0	24,048	50.3%	47,818
2011/12	24.0	24,120	20.1%	119,903
2012/13	12.0	302,801	5.0%	6,021,010

(3) is from Exhibit GL-1.

(4) is from Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$2,298,277	100.0%	\$2,298,277
1994/95	228.0	477,315	100.0%	477,315
1995/96	216.0	120,027	100.0%	120,027
1996/97	204.0	311,221	100.0%	311,221
1997/98	192.0	1,096,413	100.0%	1,096,413
1998/99	180.0	256,471	100.0%	256,471
1999/00	168.0	1,636,116	100.0%	1,636,116
2000/01	156.0	692,872	100.0%	692,872
2001/02	144.0	242,675	100.0%	242,675
2002/03	132.0	428,613	100.0%	428,613
2003/04	120.0	35,161	100.0%	35,161
2004/05	108.0	222,376	100.0%	222,376
2005/06	96.0	170,347	100.0%	170,347
2006/07	84.0	117,830	100.0%	117,830
2007/08	72.0	511,995	100.0%	511,995
2008/09	60.0	152,107	97.6%	155,910
2009/10	48.0	309,995	92.9%	333,632
2010/11	36.0	59,048	84.5%	69,906
2011/12	24.0	252,620	60.3%	418,699
2012/13	12.0	382,801	30.2%	1,268,928

(3) is from Exhibit GL-1.

(4) is from Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$2,298,277	\$0	\$2,298,277
1994/95	228.0	100.0%	100.0%	100.0%	477,315	0	477,315
1995/96	216.0	100.0%	100.0%	100.0%	120,027	0	120,027
1996/97	204.0	100.0%	100.0%	100.0%	311,221	0	311,221
1997/98	192.0	100.0%	100.0%	100.0%	1,096,413	0	1,096,413
1998/99	180.0	100.0%	100.0%	100.0%	256,471	0	256,471
1999/00	168.0	100.0%	100.0%	100.0%	1,636,116	0	1,636,116
2000/01	156.0	100.0%	100.0%	100.0%	692,872	0	692,872
2001/02	144.0	100.0%	100.0%	100.0%	242,675	0	242,675
2002/03	132.0	100.0%	100.0%	100.0%	428,613	0	428,613
2003/04	120.0	100.0%	100.0%	100.0%	35,161	0	35,161
2004/05	108.0	100.0%	100.0%	100.0%	222,376	0	222,376
2005/06	96.0	100.0%	100.0%	100.0%	170,347	0	170,347
2006/07	84.0	100.0%	100.0%	100.0%	117,830	0	117,830
2007/08	72.0	99.0%	100.0%	100.0%	401,995	110,000	511,995
2008/09	60.0	94.3%	97.6%	57.2%	152,107	0	152,107
2009/10	48.0	75.4%	92.9%	71.2%	204,995	105,000	352,554
2010/11	36.0	50.3%	84.5%	68.8%	24,048	35,000	74,954
2011/12	24.0	20.1%	60.3%	50.3%	24,120	228,500	477,979
2012/13	12.0	5.0%	30.2%	26.5%	302,801	80,000	605,037

(3) and (4) are from Exhibit GL-2.

(6) and (7) are from Exhibit GL-1.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$2,298,277	\$2,298,277	\$2,298,277	\$2,298,277
1994/95	477,315	477,315	477,315	477,315
1995/96	120,027	120,027	120,027	120,027
1996/97	311,221	311,221	311,221	311,221
1997/98	1,096,413	1,096,413	1,096,413	1,096,413
1998/99	256,471	256,471	256,471	256,471
1999/00	1,636,116	1,636,116	1,636,116	1,636,116
2000/01	692,872	692,872	692,872	692,872
2001/02	242,675	242,675	242,675	242,675
2002/03	428,613	428,613	428,613	428,613
2003/04	35,161	35,161	35,161	35,161
2004/05	222,376	222,376	222,376	222,376
2005/06	170,347	170,347	170,347	170,347
2006/07	117,830	117,830	117,830	117,830
2007/08	406,015	511,995	511,995	522,995
2008/09	161,310	155,910	152,107	152,107
2009/10	271,746	333,632	352,554	336,904
2010/11	47,818	69,906	74,954	67,507
2011/12	119,903	418,699	477,979	382,652
2012/13	6,021,010	1,268,928	605,037	1,953,788

(2) is from Exhibit GL-3.

(3) is from Exhibit GL-4.

(4) is from Exhibit GL-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Revenue (000) (3)	Limited Loss Rate per \$1,000 of Revenue (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$1,000 of Revenue (4)X(5) (6)	Projected A-priori Loss Rate per \$1,000 of Revenue (7)/(5) (8)
2003/04	\$35,161	\$1,199,434	\$0.03	1.629	\$0.05	\$0.22
2004/05	222,376	1,189,789	0.19	1.551	0.29	0.23
2005/06	170,347	1,357,723	0.13	1.477	0.19	0.25
2006/07	117,830	1,243,144	0.09	1.407	0.13	0.26
2007/08	522,995	1,207,801	0.43	1.340	0.58	0.27
2008/09	152,107	1,303,812	0.12	1.276	0.15	0.28
2009/10	336,904	1,287,986	0.26	1.216	0.32	0.30
2010/11	67,507	1,293,078	0.05	1.158	0.06	0.31
2011/12	382,652	1,331,769	0.29	1.103	0.32	0.33
2012/13	1,953,788	1,331,769	1.47	1.050	1.54	0.34

(7) Projected 2013/14 a-priori loss rate per \$1,000 of Revenue \$0.36

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per \$1,000 of Revenue (4)	Revenue (000) (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$152,107	94.3%	\$0.28	\$1,303,812	\$21,104	\$173,211
2009/10	204,995	75.4%	0.30	1,287,986	94,255	299,249
2010/11	24,048	50.3%	0.31	1,293,078	201,069	225,117
2011/12	24,120	20.1%	0.33	1,331,769	349,429	373,549
2012/13	302,801	5.0%	0.34	1,331,769	436,196	738,997

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per \$1,000 of Revenue (4)	Revenue (000) (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$152,107	97.6%	\$0.28	\$1,303,812	\$9,023	\$161,130
2009/10	309,995	92.9%	0.30	1,287,986	27,185	337,180
2010/11	59,048	84.5%	0.31	1,293,078	62,824	121,872
2011/12	252,620	60.3%	0.33	1,331,769	173,506	426,126
2012/13	382,801	30.2%	0.34	1,331,769	320,737	703,538

Section I, (2) is from Exhibit GL-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit GL-10.

Section I, (5) is based on a 5% trend.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit GL-1.

Sections II and III, (3) are from Exhibit GL-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Revenue (000) (6)	Frequency (per \$1M of Revenue) (5)/(6)X1,000 (7)
2003/04	120.0	34	100.0%	34	\$1,199,434	0.03
2004/05	108.0	65	100.0%	65	1,189,789	0.05
2005/06	96.0	40	100.0%	40	1,357,723	0.03
2006/07	84.0	49	100.0%	49	1,243,144	0.04
2007/08	72.0	212	100.0%	212	1,207,801	0.18
2008/09	60.0	142	100.0%	142	1,303,812	0.11
2009/10	48.0	68	100.0%	68	1,287,986	0.05
2010/11	36.0	48	100.0%	48	1,293,078	0.04
2011/12	24.0	52	100.0%	52	1,331,769	0.04
2012/13	12.0	68	98.0%	69	1,331,769	0.05

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$35,161	34	\$1,034	1.629	\$1,685	\$4,103	\$139,506
2004/05	222,376	65	3,421	1.551	5,307	4,308	280,038
2005/06	170,347	40	4,259	1.477	6,292	4,524	180,947
2006/07	117,830	49	2,405	1.407	3,384	4,750	232,743
2007/08	522,995	212	2,467	1.340	3,306	4,987	1,057,320
2008/09	152,107	142	1,071	1.276	1,367	5,237	743,615
2009/10	336,904	68	4,954	1.216	6,022	5,499	373,902
2010/11	67,507	48	1,406	1.158	1,628	5,773	277,128
2011/12	382,652	52	7,359	1.103	8,113	6,062	315,233
2012/13	1,953,788	69	28,316	1.050	29,732	6,365	439,204
(7) Projected 2013/14 average claim severity					\$6,684		

Section I, (3) is from Exhibit GL-1.

Section I, (4) is from Exhibit GL-2.

Section I, (6) is from Exhibit GL-10.

Section II, (2) is from Exhibit GL-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (8)
to 1993/94	\$2,298,277	\$2,298,277	\$2,298,277				\$2,298,277	\$2,298,277
1994/95	477,315	477,315	477,315				477,315	477,315
1995/96	120,027	120,027	120,027				120,027	120,027
1996/97	311,221	311,221	311,221				311,221	311,221
1997/98	1,096,413	1,096,413	1,096,413				1,096,413	1,096,413
1998/99	256,471	256,471	256,471				256,471	256,471
1999/00	1,636,116	1,636,116	1,636,116				2,911,116	1,636,116
2000/01	692,872	692,872	692,872				692,872	692,872
2001/02	242,675	242,675	242,675				242,675	242,675
2002/03	428,613	428,613	428,613				428,613	428,613
2003/04	35,161	35,161	35,161				35,161	35,161
2004/05	222,376	222,376	222,376				222,376	222,376
2005/06	170,347	170,347	170,347				170,347	170,347
2006/07	117,830	117,830	117,830				117,830	117,830
2007/08	406,015	511,995	511,995				459,000	525,000
2008/09	161,310	155,910	152,107	173,211	161,130	743,615	500,000	350,000
2009/10	271,746	333,632	352,554	299,249	337,180	373,902	500,000	450,000
2010/11	47,818	69,906	74,954	225,117	121,872	277,128	450,000	275,000
2011/12	119,903	418,699	477,979	373,549	426,126	315,233	520,000	500,000
2012/13	6,021,010	1,268,928	605,037	738,997	703,538	439,204	479,000	700,000

(2) is from Exhibit GL-3.

(3) is from Exhibit GL-4.

(4) is from Exhibit GL-5.

(5) and (6) are from Exhibit GL-7.

(7) is from Exhibit GL-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Revenue (000) (3)	Limited Loss Rate per \$1,000 of Revenue (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$1,000 of Revenue (4)X(5) (6)	
2003/04	\$35,161	\$1,199,434	\$0.03	1.629	\$0.05	
2004/05	222,376	1,189,789	0.19	1.551	0.29	
2005/06	170,347	1,357,723	0.13	1.477	0.19	
2006/07	117,830	1,243,144	0.09	1.407	0.13	
2007/08	525,000	1,207,801	0.43	1.340	0.58	
2008/09	350,000	1,303,812	0.27	1.276	0.34	
2009/10	450,000	1,287,986	0.35	1.216	0.42	
2010/11	275,000	1,293,078	0.21	1.158	0.25	
2011/12	500,000	1,331,769	0.38	1.103	0.41	
2012/13	700,000	1,331,769	0.53	1.050	0.55	
Total	\$3,345,714	\$12,746,304	\$0.26		\$0.32	

Claim Period (1)	Projected Limited Loss Rate per \$1,000 of Revenue (7)	Projected Revenue (000) (8)	Projected Ultimate Limited Losses (7)X(8) (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per \$1,000 of Revenue (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2013/14	\$0.32	\$1,331,769	\$429,000	0.90	\$0.29	\$385,000
2014/15	0.34	1,331,769	450,000	0.90	0.30	404,000
2015/16	0.35	1,331,769	473,000	0.90	0.32	425,000

(2) is from Exhibit GL-9.

(3) for 2003/04, 2004/05, 2005/06, 2006/07, 2007/08, 2008/09, 2009/10, 2010/11 and 2011/12 were provided by the County. Other periods assume a 0% trend.

(5) is based on a 5% trend.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) is based on (3) for 2012/13 and a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$2,298,277	\$0	\$2,298,277	\$2,298,277	\$0	\$0	1.00	\$0
1994/95	477,315	0	477,315	477,315	0	0	1.00	0
1995/96	120,027	0	120,027	120,027	0	0	1.00	0
1996/97	311,221	0	311,221	311,221	0	0	1.00	0
1997/98	1,096,413	0	1,096,413	1,096,413	0	0	1.00	0
1998/99	256,471	0	256,471	256,471	0	0	1.00	0
1999/00	1,636,116	0	1,636,116	1,636,116	0	0	1.00	0
2000/01	692,872	0	692,872	692,872	0	0	1.00	0
2001/02	242,675	0	242,675	242,675	0	0	1.00	0
2002/03	428,613	0	428,613	428,613	0	0	1.00	0
2003/04	35,161	0	35,161	35,161	0	0	1.00	0
2004/05	222,376	0	222,376	222,376	0	0	1.00	0
2005/06	170,347	0	170,347	170,347	0	0	1.00	0
2006/07	117,830	0	117,830	117,830	0	0	1.00	0
2007/08	401,995	110,000	511,995	525,000	13,005	123,005	0.98	120,849
2008/09	152,107	0	152,107	350,000	197,893	197,893	0.98	193,252
2009/10	204,995	105,000	309,995	450,000	140,006	245,006	0.97	238,443
2010/11	24,048	35,000	59,048	275,000	215,952	250,952	0.96	241,212
2011/12	24,120	228,500	252,620	500,000	247,380	475,880	0.95	451,345
2012/13	302,801	80,000	382,801	700,000	317,199	397,199	0.93	367,857
Total	\$9,215,780	\$558,500	\$9,774,280	\$10,905,714	\$1,131,435	\$1,689,935		\$1,612,958

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit GL-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	100.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	108.0	100.0%	120.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	96.0	100.0%	108.0	100.0%	100.0%	0	0	0	1.00	0
2006/07	84.0	100.0%	96.0	100.0%	100.0%	0	0	0	1.00	0
2007/08	72.0	99.0%	84.0	100.0%	100.0%	123,005	123,005	0	1.00	0
2008/09	60.0	94.3%	72.0	99.0%	82.6%	197,893	163,548	34,345	0.98	33,743
2009/10	48.0	75.4%	60.0	94.3%	76.8%	245,006	188,104	56,902	0.98	55,567
2010/11	36.0	50.3%	48.0	75.4%	50.6%	250,952	126,944	124,008	0.97	120,686
2011/12	24.0	20.1%	36.0	50.3%	37.8%	475,880	179,754	296,126	0.96	284,632
2012/13	12.0	5.0%	24.0	20.1%	15.9%	397,199	63,100	334,099	0.95	316,874
2013/14	0.0	0.0%	12.0	5.0%	5.0%	429,000	21,575	407,425	0.93	377,327
Total						\$2,118,935	\$866,030	\$1,252,905		\$1,188,829

(3) and (5) are from Exhibit GL-2.

(7) to 2012/13 is from Exhibit GL-11. The amount for 2013/14 is from Exhibit GL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	100.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	108.0	100.0%	120.0	100.0%	100.0%	0	0	0	1.00	0
2006/07	96.0	100.0%	108.0	100.0%	100.0%	0	0	0	1.00	0
2007/08	84.0	100.0%	96.0	100.0%	100.0%	0	0	0	1.00	0
2008/09	72.0	99.0%	84.0	100.0%	100.0%	34,345	34,345	0	1.00	0
2009/10	60.0	94.3%	72.0	99.0%	82.6%	56,902	47,026	9,876	0.98	9,703
2010/11	48.0	75.4%	60.0	94.3%	76.8%	124,008	95,208	28,800	0.98	28,125
2011/12	36.0	50.3%	48.0	75.4%	50.6%	296,126	149,795	146,331	0.97	142,411
2012/13	24.0	20.1%	36.0	50.3%	37.8%	334,099	126,199	207,900	0.96	199,831
2013/14	12.0	5.0%	24.0	20.1%	15.9%	407,425	64,724	342,701	0.95	325,032
2014/15	0.0	0.0%	12.0	5.0%	5.0%	450,000	22,631	427,369	0.93	395,798
Total						\$1,702,905	\$539,928	\$1,162,977		\$1,100,900

(3) and (5) are from Exhibit GL-2.

(7) to 2013/14 is from Exhibit GL-12, (9). The amount for 2014/15 is from Exhibit GL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	120.0	100.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2006/07	108.0	100.0%	120.0	100.0%	100.0%	0	0	0	1.00	0
2007/08	96.0	100.0%	108.0	100.0%	100.0%	0	0	0	1.00	0
2008/09	84.0	100.0%	96.0	100.0%	100.0%	0	0	0	1.00	0
2009/10	72.0	99.0%	84.0	100.0%	100.0%	9,876	9,876	0	1.00	0
2010/11	60.0	94.3%	72.0	99.0%	82.6%	28,800	23,802	4,998	0.98	4,910
2011/12	48.0	75.4%	60.0	94.3%	76.8%	146,331	112,346	33,985	0.98	33,188
2012/13	36.0	50.3%	48.0	75.4%	50.6%	207,900	105,166	102,734	0.97	99,982
2013/14	24.0	20.1%	36.0	50.3%	37.8%	342,701	129,448	213,253	0.96	204,976
2014/15	12.0	5.0%	24.0	20.1%	15.9%	427,369	67,892	359,477	0.95	340,943
2015/16	0.0	0.0%	12.0	5.0%	5.0%	473,000	23,788	449,212	0.93	416,027
Total						\$1,635,977	\$472,318	\$1,163,659		\$1,100,026

(3) and (5) are from Exhibit GL-2.

(7) to 2014/15 is from Exhibit GL-13, (9). The amount for 2015/16 is from Exhibit GL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit GL-2.



COOK COUNTY, ILLINOIS
GENERAL LIABILITY

Exhibit GL-15

List of Large Claims
Reported Incurred Losses Greater Than \$250,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97003515	6/9/2000	1999/00	Unlimited	\$925,000	\$0	\$925,000

The claim(s) indicated by a "*" have been limited in development.

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



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Vehicles (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	11	0	\$3,205,618	\$0	\$3,205,618
1994/95	Unlimited	None	228.0	Not Provided	11	0	345,132	0	345,132
1995/96	Unlimited	None	216.0	Not Provided	20	0	266,195	0	266,195
1996/97	Unlimited	None	204.0	Not Provided	38	0	119,841	0	119,841
1997/98	Unlimited	None	192.0	Not Provided	91	0	187,959	0	187,959
1998/99	Unlimited	None	180.0	Not Provided	104	0	479,494	0	479,494
1999/00	Unlimited	None	168.0	Not Provided	93	0	559,093	0	559,093
2000/01	9,500,000	40,000,000	156.0	Not Provided	93	0	9,770,712	0	9,770,712
2001/02	9,500,000	40,000,000	144.0	2,283	80	0	2,497,705	0	2,497,705
2002/03	9,500,000	45,000,000	132.0	2,283	58	0	213,389	0	213,389
2003/04	10,000,000	None	120.0	1,997	81	0	385,312	0	385,312
2004/05	10,000,000	25,000,000	108.0	1,997	72	0	2,832,890	0	2,832,890
2005/06	10,000,000	25,000,000	96.0	1,780	65	0	171,088	0	171,088
2006/07	10,000,000	25,000,000	84.0	Not Provided	72	1	234,042	750,000	984,042
2007/08	10,000,000	25,000,000	72.0	Not Provided	57	0	128,155	0	128,155
2008/09	10,000,000	25,000,000	60.0	Not Provided	44	0	173,300	0	173,300
2009/10	10,000,000	25,000,000	48.0	Not Provided	55	3	103,345	6,370,000	6,473,345
2010/11	10,000,000	25,000,000	36.0	2,071	61	3	233,599	280,000	513,599
2011/12	10,000,000	25,000,000	24.0	1,837	67	10	124,652	238,500	363,152
2012/13	15,000,000	25,000,000	12.0	1,892	49	31	35,384	177,300	212,684
Total					1,222	48	\$22,066,905	\$7,815,800	\$29,882,705

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/90	Unlimited
12/01/00	9,500,000
12/01/03	10,000,000
03/01/13	15,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Vehicles (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	11	0	\$3,205,618	\$0	\$3,205,618
1994/95	Unlimited	None	228.0	Not Provided	11	0	345,132	0	345,132
1995/96	Unlimited	None	216.0	Not Provided	20	0	266,195	0	266,195
1996/97	Unlimited	None	204.0	Not Provided	38	0	119,841	0	119,841
1997/98	Unlimited	None	192.0	Not Provided	91	0	187,959	0	187,959
1998/99	Unlimited	None	180.0	Not Provided	104	0	479,494	0	479,494
1999/00	Unlimited	None	168.0	Not Provided	93	0	559,093	0	559,093
2000/01	Unlimited	40,000,000	156.0	Not Provided	93	0	9,770,712	0	9,770,712
2001/02	Unlimited	40,000,000	144.0	2,283	80	0	2,497,705	0	2,497,705
2002/03	Unlimited	45,000,000	132.0	2,283	58	0	213,389	0	213,389
2003/04	Unlimited	None	120.0	1,997	81	0	385,312	0	385,312
2004/05	Unlimited	25,000,000	108.0	1,997	72	0	2,832,890	0	2,832,890
2005/06	Unlimited	25,000,000	96.0	1,780	65	0	171,088	0	171,088
2006/07	Unlimited	25,000,000	84.0	Not Provided	72	1	234,042	750,000	984,042
2007/08	Unlimited	25,000,000	72.0	Not Provided	57	0	128,155	0	128,155
2008/09	Unlimited	25,000,000	60.0	Not Provided	44	0	173,300	0	173,300
2009/10	Unlimited	25,000,000	48.0	Not Provided	55	3	103,345	6,370,000	6,473,345
2010/11	Unlimited	25,000,000	36.0	2,071	61	3	233,599	280,000	513,599
2011/12	Unlimited	25,000,000	24.0	1,837	67	10	124,652	238,500	363,152
2012/13	Unlimited	25,000,000	12.0	1,892	49	31	35,384	177,300	212,684
Total					1,222	48	\$22,066,905	\$7,815,800	\$29,882,705

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	100.0%	100.0%	100.0%
168.0	100.0%	100.0%	100.0%	162.0	100.0%	100.0%	100.0%
156.0	100.0%	100.0%	100.0%	150.0	100.0%	100.0%	100.0%
144.0	100.0%	100.0%	100.0%	138.0	100.0%	100.0%	100.0%
132.0	100.0%	100.0%	100.0%	126.0	100.0%	100.0%	100.0%
120.0	100.0%	100.0%	100.0%	114.0	100.0%	100.0%	100.0%
108.0	100.0%	100.0%	100.0%	102.0	100.0%	100.0%	100.0%
96.0	100.0%	100.0%	100.0%	90.0	100.0%	100.0%	100.0%
84.0	100.0%	100.0%	100.0%	78.0	100.0%	100.0%	100.0%
72.0	100.0%	100.0%	100.0%	66.0	97.6%	99.5%	100.0%
60.0	95.2%	99.0%	100.0%	54.0	91.9%	97.6%	100.0%
48.0	88.6%	96.1%	100.0%	42.0	82.0%	91.8%	100.0%
36.0	75.4%	87.4%	100.0%	30.0	61.3%	79.4%	100.0%
24.0	47.1%	71.3%	100.0%	18.0	31.5%	56.1%	99.0%
12.0	16.0%	40.8%	98.0%	6.0	8.0%	20.4%	49.0%

(2) is from Exhibit AL-2 (page 2).

(3) is from Exhibit AL-2 (page 3).

(4) is from Exhibit AL-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	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-Ult
to 1993/04																				
1994/05	34	117	148	217	\$2,654	\$3,120	\$3,175	\$3,200	\$3,202	\$3,204	\$3,204	\$3,204	\$3,204	\$3,204	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206
1995/06	23	66	116	171	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
1996/07	24	71	90	113	298	236	266	266	266	266	266	266	266	266	266	266	266	266	266	266
1997/08	47	114	165	177	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188
1998/09	49	174	326	447	473	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479
1999/00	57	137	196	221	406	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559
2000/01	38	192	253	266	266	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021	6,021
2001/02	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	2,498	2,498	2,498
2002/03	23	76	125	178	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
2003/04	50	141	246	256	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355
2004/05	61	159	353	2,333	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833
2005/06	61	136	164	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171
2006/07	33	96	200	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234
2007/08	30	78	101	122	122	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
2008/09	43	73	163	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173
2009/10	19	67	95	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
2010/11	42	132	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234
2011/12	40	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
2012/13	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35

II. Limited Paid Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	3,462	1,261	1,465	1,593	1,175	1,018	1,008	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
1995/06	2,617	1,758	1,473	1,380	1,000	1,127	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	2,970	1,235	1,264	1,000	1,057	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	2,416	1,449	1,079	1,059	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	3,541	1,882	1,369	1,059	1,013	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	2,406	1,426	1,125	1,840	1,377	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	5,114	1,318	1,050	1,000	22,649	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	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	1,000	1,000	1,000	1,000
2002/03	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	1,000	1,000	1,000	1,000	1,000
2003/04	2,809	1,749	1,039	1,387	1,000	1,000	1,084	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	2,605	2,220	6,611	1,214	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	2,228	1,210	1,042	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	2,932	2,087	1,170	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	2,650	1,294	1,000	1,000	1,047	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	1,698	2,250	1,061	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	3,603	1,407	1,090	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2010/11	3,124	1,765	1,090	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2011/12	3,121	1,765	1,090	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2012/13	3,121	1,765	1,090	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

Average All	3,069	1,603	1,542	1,378	2,488	1,147	1,007	1,000	1,000	1,000	1,069	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wtd 3	3,212	1,806	1,110	1,000	1,011	1,000	1,009	1,000	1,000	1,000	1,413	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 3	3,283	1,807	1,120	1,000	1,016	1,000	1,028	1,000	1,000	1,000	1,208	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 5 x-til low	2,965	1,753	1,107	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

Similar Previous	2,090	1,440	1,230	1,110	1,047	1,020	1,010	1,005	1,003	1,010	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected Cumulative Percent	2,950	1,600	1,175	1,075	1,050	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	16.0%	47.1%	75.4%	88.6%	95.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04					\$3,035	\$3,473	\$3,200	\$3,202	\$4,004	\$3,204	\$3,204	\$3,204	\$3,204	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206
1994/05	193	269	264	417	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
1995/06	301	384	373	316	311	286	266	266	266	266	266	266	266	266	266	266	266	266	266	266
1996/07	285	1,113	120	153	133	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
1997/08	224	230	450	285	253	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188
1998/09	290	631	701	634	568	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479
1999/00	278	312	416	469	607	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559
2000/01	2,168	2,406	2,873	3,025	9,780	26,021	26,021	14,021	9,771	9,771	9,771	9,771	9,771	9,771	9,771	9,771	9,771	9,771	9,771	9,771
2001/02	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	2,498	2,498	2,498
2002/03	246	488	320	238	320	238	213	213	213	213	213	213	213	213	213	213	213	213	213	213
2003/04	163	361	339	571	505	405	455	385	385	385	385	385	385	385	385	385	385	385	385	385
2004/05	277	614	2,824	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833
2005/06	204	250	207	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171
2006/07	160	263	633	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834
2007/08	132	155	131	122	130	128	984													
2008/09	184	173																		
2009/10	618	381	2,725	6,473																
2010/11	229	380																		
2011/12	166	363																		
2012/13	213																			

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04					1,144	0,921	1,001	1,250	0,800	1,000	1,000	1,000	1,001	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1994/05	1,389	0,984	1,576	0,828	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	1,277	0,970	0,848	0,984	0,920	0,930	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	3,907	0,107	1,115	1,000	0,899	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	1,291	1,554	0,634	0,886	0,743	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	2,170	1,113	0,904	0,881	0,859	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1999/00	1,123	1,332	1,176	1,241	0,922	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2000/01	1,100	1,194	1,053	3,233	2,661	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	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	1,000	1,000	1,000	1,000
2002/03	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	1,000	1,000	1,000	1,000	1,000
2003/04	2,215	4,596	1,003	1,000	0,802	1,123	0,846	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	2,215	4,596	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
2005/06	1,229	0,828	0,825	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,645	2,402	1,319	1,000	1,000	1,180														
2007/08	1,704	0,847	0,933	1,061	0,986															
2008/09	1,246	1,123	0,940	1,000																
2009/10	0,617	7,154	2,376	1,000																
2010/11	1,659	1,353																		
2011/12	2,187																			
2012/13																				

Average All	1,709	1,783	1,173	1,160	1,105	0,971	0,953	0,996	0,982	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Wtd 3	1,110	3,702	2,226	1,007	0,998	1,039	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	1,000
Last 3	1,488	3,210	1,416	1,020	0,985	1,060	0,949	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Last 5 x-til low	1,536	1,626	1,064	1,000	0,995	1,041	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Similar	1,350	1,135	1,085	1,026	1,011	1,003	1,002	1,001	1,001	1,005	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous	1,750	1,200	1,070	1,030	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
Selected	1,750	1,225	1,100	1,030	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
Cumulative	2,453	1,402	1,144	1,040	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
Percent	40.8%	71.3%	87.4%	96.1%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Historical Reported Claims and Reported Claim Development

[illegible]

Claim Period	12-24	24-36	Months of Development: 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-Unit
to 1993/94																				
1994/95				0.917	1.000	1.000	1.000	1.091	0.917	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1995/96				1.000	0.952	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1996/97				0.913	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1997/98		1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1998/99	1.125	0.970		0.989	0.978	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1999/00	0.924	0.982		0.963	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2000/01	0.989	1.056		0.989	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2001/02	0.839	1.000		0.989	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2002/03	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	1.000	1.000	1.000	1.000	1.000	
2003/04	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2004/05	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2005/06	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2006/07	1.220	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2007/08	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2008/09	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2009/10	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2010/11	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2011/12	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2012/13	1.000	1.000		1.000	1.000	1.000	1													

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COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	Months of Development:												180	192	204	216	228	240		
	12	24	36	48	60	72	84	96	108	120	132	144							156	168
to 1993/04																				
1994/05	17.5%	43.6%	55.9%	52.0%	87.4%	89.8%	99.2%	99.9%	80.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%
1995/06	7.8%	17.2%	31.2%	54.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1996/07	8.4%	6.4%	74.9%	64.1%	85.0%	82.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1997/08	20.9%	39.2%	36.6%	62.2%	74.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1998/09	16.9%	27.5%	46.5%	70.5%	84.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1999/00	20.6%	44.1%	47.2%	45.2%	66.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2000/01	1.7%	8.0%	8.8%	8.5%	2.7%	23.1%	23.1%	42.9%	61.6%	61.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2001/02	13.6%	33.8%	13.6%	9.9%	25.9%	16.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2002/03	9.5%	15.6%	39.1%	74.8%	100.0%	96.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2003/04	30.8%	33.0%	72.7%	44.8%	70.3%	87.7%	78.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2004/05	22.0%	25.9%	12.5%	82.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2005/06	29.9%	54.2%	79.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2006/07	20.4%	36.4%	31.6%	28.1%	28.1%	28.1%	23.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2007/08	32.5%	50.5%	77.1%	100.0%	94.2%	100.0%														
2008/09	32.5%	44.2%	88.6%	100.0%	100.0%															
2009/10	3.0%	17.7%	3.5%	1.6%																
2010/11	18.5%	34.9%																		
2011/12	24.1%	34.3%	45.5%																	
2012/13	16.6%																			

Average	18.3%	31.8%	45.0%	57.5%	74.7%	81.6%	87.4%	95.6%	95.1%	96.5%	96.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
All	19.7%	29.0%	45.9%	67.2%	74.1%	76.0%	74.6%	100.0%	100.0%	100.0%	87.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 3	19.7%	37.8%	51.4%	76.0%	98.1%	95.9%	92.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
x-high																				
Implicit	39.2%	68.1%	86.3%	92.2%	96.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$3,205,618	100.0%	\$3,205,618
1994/95	228.0	345,132	100.0%	345,132
1995/96	216.0	266,195	100.0%	266,195
1996/97	204.0	119,841	100.0%	119,841
1997/98	192.0	187,959	100.0%	187,959
1998/99	180.0	479,494	100.0%	479,494
1999/00	168.0	559,093	100.0%	559,093
2000/01	156.0	9,770,712	100.0%	9,770,712
2001/02	144.0	2,497,705	100.0%	2,497,705
2002/03	132.0	213,389	100.0%	213,389
2003/04	120.0	385,312	100.0%	385,312
2004/05	108.0	2,832,890	100.0%	2,832,890
2005/06	96.0	171,088	100.0%	171,088
2006/07	84.0	234,042	100.0%	234,042
2007/08	72.0	128,155	100.0%	128,155
2008/09	60.0	173,300	95.2%	181,965
2009/10	48.0	103,345	88.6%	116,650
2010/11	36.0	233,599	75.4%	309,818
2011/12	24.0	124,652	47.1%	264,519
2012/13	12.0	35,384	16.0%	221,507

(3) is from Exhibit AL-1.

(4) is from Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$3,205,618	100.0%	\$3,205,618
1994/95	228.0	345,132	100.0%	345,132
1995/96	216.0	266,195	100.0%	266,195
1996/97	204.0	119,841	100.0%	119,841
1997/98	192.0	187,959	100.0%	187,959
1998/99	180.0	479,494	100.0%	479,494
1999/00	168.0	559,093	100.0%	559,093
2000/01	156.0	9,770,712	100.0%	9,770,712
2001/02	144.0	2,497,705	100.0%	2,497,705
2002/03	132.0	213,389	100.0%	213,389
2003/04	120.0	385,312	100.0%	385,312
2004/05	108.0	2,832,890	100.0%	2,832,890
2005/06	96.0	171,088	100.0%	171,088
2006/07	84.0	984,042	100.0%	984,042
2007/08	72.0	128,155	100.0%	128,155
2008/09	60.0	173,300	99.0%	175,033
2009/10	48.0	6,473,345	96.1%	6,734,220
2010/11	36.0	513,599	87.4%	587,727
2011/12	24.0	363,152	71.3%	509,069
2012/13	12.0	212,684	40.8%	521,748

(3) is from Exhibit AL-1.

(4) is from Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$3,205,618	\$0	\$3,205,618
1994/95	228.0	100.0%	100.0%	100.0%	345,132	0	345,132
1995/96	216.0	100.0%	100.0%	100.0%	266,195	0	266,195
1996/97	204.0	100.0%	100.0%	100.0%	119,841	0	119,841
1997/98	192.0	100.0%	100.0%	100.0%	187,959	0	187,959
1998/99	180.0	100.0%	100.0%	100.0%	479,494	0	479,494
1999/00	168.0	100.0%	100.0%	100.0%	559,093	0	559,093
2000/01	156.0	100.0%	100.0%	100.0%	9,770,712	0	9,770,712
2001/02	144.0	100.0%	100.0%	100.0%	2,497,705	0	2,497,705
2002/03	132.0	100.0%	100.0%	100.0%	213,389	0	213,389
2003/04	120.0	100.0%	100.0%	100.0%	385,312	0	385,312
2004/05	108.0	100.0%	100.0%	100.0%	2,832,890	0	2,832,890
2005/06	96.0	100.0%	100.0%	100.0%	171,088	0	171,088
2006/07	84.0	100.0%	100.0%	100.0%	234,042	750,000	984,042
2007/08	72.0	100.0%	100.0%	100.0%	128,155	0	128,155
2008/09	60.0	95.2%	99.0%	79.2%	173,300	0	173,300
2009/10	48.0	88.6%	96.1%	66.0%	103,345	6,370,000	9,749,348
2010/11	36.0	75.4%	87.4%	48.7%	233,599	280,000	808,174
2011/12	24.0	47.1%	71.3%	45.8%	124,652	238,500	645,496
2012/13	12.0	16.0%	40.8%	29.5%	35,384	177,300	636,355

(3) and (4) are from Exhibit AL-2.

(6) and (7) are from Exhibit AL-1.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$3,205,618	\$3,205,618	\$3,205,618	\$3,205,618
1994/95	345,132	345,132	345,132	345,132
1995/96	266,195	266,195	266,195	266,195
1996/97	119,841	119,841	119,841	119,841
1997/98	187,959	187,959	187,959	187,959
1998/99	479,494	479,494	479,494	479,494
1999/00	559,093	559,093	559,093	559,093
2000/01	9,770,712	9,770,712	9,770,712	9,770,712
2001/02	2,497,705	2,497,705	2,497,705	2,497,705
2002/03	213,389	213,389	213,389	213,389
2003/04	385,312	385,312	385,312	385,312
2004/05	2,832,890	2,832,890	2,832,890	2,832,890
2005/06	171,088	171,088	171,088	171,088
2006/07	234,042	984,042	984,042	1,059,042
2007/08	128,155	128,155	128,155	128,155
2008/09	181,965	175,033	173,300	173,300
2009/10	116,650	6,734,220	9,749,348	7,580,027
2010/11	309,818	587,727	808,174	620,324
2011/12	264,519	509,069	645,496	514,730
2012/13	221,507	521,748	636,355	507,542

(2) is from Exhibit AL-3.

(3) is from Exhibit AL-4.

(4) is from Exhibit AL-5.

(5) is based on (2) to (4) and actuarial judgment.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-7

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Vehicles (3)	Limited Loss Rate per Vehicle (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Vehicle (4)X(5) (6)	Projected A-priori Loss Rate per Vehicle (7)/(5) (8)
2003/04	\$385,312	1,997	\$192.95	1.480	\$285.61	\$467.59
2004/05	2,832,890	1,997	1,418.57	1.423	2,019.07	486.29
2005/06	171,088	1,780	96.12	1.369	131.54	505.74
2006/07	1,059,042	1,926	550.01	1.316	723.77	525.97
2007/08	128,155	1,926	66.56	1.265	84.22	547.01
2008/09	173,300	1,926	90.00	1.217	109.50	568.89
2009/10	7,580,027	1,926	3,936.65	1.170	4,605.33	591.65
2010/11	620,324	2,071	299.53	1.125	336.93	615.31
2011/12	514,730	1,837	280.20	1.082	303.07	639.93
2012/13	507,542	1,892	268.26	1.040	278.99	665.52

(7) Projected 2013/14 a-priori loss rate per Vehicle

\$692.14

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per Vehicle (4)	Vehicles (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$173,300	95.2%	\$568.89	1,926	\$52,162	\$225,462
2009/10	103,345	88.6%	591.65	1,926	129,944	233,288
2010/11	233,599	75.4%	615.31	2,071	313,496	547,096
2011/12	124,652	47.1%	639.93	1,837	621,577	746,229
2012/13	35,384	16.0%	665.52	1,892	1,058,024	1,093,408

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per Vehicle (4)	Vehicles (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$173,300	99.0%	\$568.89	1,926	\$10,846	\$184,145
2009/10	6,473,345	96.1%	591.65	1,926	44,132	6,517,477
2010/11	513,599	87.4%	615.31	2,071	160,724	674,323
2011/12	363,152	71.3%	639.93	1,837	336,950	700,102
2012/13	212,684	40.8%	665.52	1,892	745,883	958,567

Section I, (2) is from Exhibit AL-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit AL-10.

Section I, (5) is based on a 4% trend.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit AL-1.

Sections II and III, (3) are from Exhibit AL-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Vehicles (6)	Frequency (per Vehicle) (5)/(6) (7)
2003/04	120.0	81	100.0%	81	1,997	0.04
2004/05	108.0	72	100.0%	72	1,997	0.04
2005/06	96.0	65	100.0%	65	1,780	0.04
2006/07	84.0	72	100.0%	72	1,926	0.04
2007/08	72.0	57	100.0%	57	1,926	0.03
2008/09	60.0	44	100.0%	44	1,926	0.02
2009/10	48.0	55	100.0%	55	1,926	0.03
2010/11	36.0	61	100.0%	61	2,071	0.03
2011/12	24.0	67	100.0%	67	1,837	0.04
2012/13	12.0	49	98.0%	50	1,892	0.03

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$385,312	81	\$4,757	1.480	\$7,041	\$14,546	\$1,178,264
2004/05	2,832,890	72	39,346	1.423	56,001	15,128	1,089,240
2005/06	171,088	65	2,632	1.369	3,602	15,733	1,022,675
2006/07	1,059,042	72	14,709	1.316	19,356	16,363	1,178,122
2007/08	128,155	57	2,248	1.265	2,845	17,017	969,987
2008/09	173,300	44	3,939	1.217	4,792	17,698	778,712
2009/10	7,580,027	55	137,819	1.170	161,228	18,406	1,012,326
2010/11	620,324	61	10,169	1.125	11,439	19,142	1,167,672
2011/12	514,730	67	7,683	1.082	8,309	19,908	1,333,826
2012/13	507,542	50	10,151	1.040	10,557	20,704	1,035,208
(7) Projected 2013/14 average claim severity					\$21,532		

Section I, (3) is from Exhibit AL-1.

Section I, (4) is from Exhibit AL-2.

Section I, (6) is from Exhibit AL-10.

Section II, (2) is from Exhibit AL-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 4% trend.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (8)
to 1993/94	\$3,205,618	\$3,205,618	\$3,205,618				\$3,205,618	\$3,205,618
1994/95	345,132	345,132	345,132				345,132	345,132
1995/96	266,195	266,195	266,195				266,195	266,195
1996/97	119,841	119,841	119,841				119,841	119,841
1997/98	187,959	187,959	187,959				187,959	187,959
1998/99	479,494	479,494	479,494				479,494	479,494
1999/00	559,093	559,093	559,093				559,093	559,093
2000/01	9,770,712	9,770,712	9,770,712				9,770,712	9,770,712
2001/02	2,497,705	2,497,705	2,497,705				2,497,705	2,497,705
2002/03	213,389	213,389	213,389				213,389	213,389
2003/04	385,312	385,312	385,312				385,312	385,312
2004/05	2,832,890	2,832,890	2,832,890				2,832,890	2,832,890
2005/06	171,088	171,088	171,088				171,088	171,088
2006/07	234,042	984,042	984,042				894,042	1,025,000
2007/08	128,155	128,155	128,155				132,000	128,155
2008/09	181,965	175,033	173,300	225,462	184,145	778,712	400,000	225,000
2009/10	116,650	6,734,220	9,749,348	233,288	6,517,477	1,012,326	2,988,000	7,250,000
2010/11	309,818	587,727	808,174	547,096	674,323	1,167,672	900,000	850,000
2011/12	264,519	509,069	645,496	746,229	700,102	1,333,826	1,000,000	900,000
2012/13	221,507	521,748	636,355	1,093,408	958,567	1,035,208	1,169,000	1,100,000

(2) is from Exhibit AL-3.

(3) is from Exhibit AL-4.

(4) is from Exhibit AL-5.

(5) and (6) are from Exhibit AL-7.

(7) is from Exhibit AL-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-10

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Vehicles (3)	Limited Loss Rate per Vehicle (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per Vehicle (4)X(5) (6)		
2003/04	\$385,312	1,997	\$192.95	1.480	\$285.61		
2004/05	2,832,890	1,997	1,418.57	1.423	2,019.07		
2005/06	171,088	1,780	96.12	1.369	131.54		
2006/07	1,025,000	1,926	532.33	1.316	700.51		
2007/08	128,155	1,926	66.56	1.265	84.22		
2008/09	225,000	1,926	116.85	1.217	142.17		
2009/10	7,250,000	1,926	3,765.26	1.170	4,404.82		
2010/11	850,000	2,071	410.43	1.125	461.68		
2011/12	900,000	1,837	489.93	1.082	529.91		
2012/13	1,100,000	1,892	581.40	1.040	604.65		
Total	\$14,867,445	19,276	\$771.29		\$936.42		

Claim Period (1)	Projected Limited Loss Rate per Vehicle (7)	Projected Vehicles (8)	Projected Ultimate Limited Losses (7)X(8) (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per Vehicle (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2013/14	\$753.87	1,921	\$1,448,000	0.92	\$696.29	\$1,338,000
2014/15	784.02	1,921	1,506,000	0.92	724.14	1,391,000
2015/16	815.39	1,921	1,566,000	0.92	753.11	1,447,000

(2) is from Exhibit AL-9.

(3) for 2003/04, 2004/05, 2005/06, 2010/11, 2011/12 and 2012/13 were provided by the County. Other periods assume a 0% trend.

(5) is based on a 4% trend.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 4% trend.

(8) to 2013/14 was provided by the County. Other claim periods are based on a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$3,205,618	\$0	\$3,205,618	\$3,205,618	\$0	\$0	1.00	\$0
1994/95	345,132	0	345,132	345,132	0	0	1.00	0
1995/96	266,195	0	266,195	266,195	0	0	1.00	0
1996/97	119,841	0	119,841	119,841	0	0	1.00	0
1997/98	187,959	0	187,959	187,959	0	0	1.00	0
1998/99	479,494	0	479,494	479,494	0	0	1.00	0
1999/00	559,093	0	559,093	559,093	0	0	1.00	0
2000/01	9,770,712	0	9,770,712	9,770,712	0	0	1.00	0
2001/02	2,497,705	0	2,497,705	2,497,705	0	0	1.00	0
2002/03	213,389	0	213,389	213,389	0	0	1.00	0
2003/04	385,312	0	385,312	385,312	0	0	1.00	0
2004/05	2,832,890	0	2,832,890	2,832,890	0	0	1.00	0
2005/06	171,088	0	171,088	171,088	0	0	1.00	0
2006/07	234,042	750,000	984,042	1,025,000	40,958	790,958	1.00	790,958
2007/08	128,155	0	128,155	128,155	0	0	1.00	0
2008/09	173,300	0	173,300	225,000	51,700	51,700	0.98	50,794
2009/10	103,345	6,370,000	6,473,345	7,250,000	776,655	7,146,655	0.97	6,919,529
2010/11	233,599	280,000	513,599	850,000	336,401	616,401	0.96	591,908
2011/12	124,652	238,500	363,152	900,000	536,848	775,348	0.96	741,709
2012/13	35,384	177,300	212,684	1,100,000	887,316	1,064,616	0.95	1,006,362
Total	\$22,066,905	\$7,815,800	\$29,882,705	\$32,512,583	\$2,629,878	\$10,445,678		\$10,101,260

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit AL-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	120.0	100.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	108.0	100.0%	120.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	96.0	100.0%	108.0	100.0%	100.0%	0	0	0	1.00	0
2006/07	84.0	100.0%	96.0	100.0%	100.0%	790,958	790,958	0	1.00	0
2007/08	72.0	100.0%	84.0	100.0%	100.0%	0	0	0	1.00	0
2008/09	60.0	95.2%	72.0	100.0%	100.0%	51,700	51,700	0	1.00	0
2009/10	48.0	88.6%	60.0	95.2%	58.3%	7,146,655	4,163,100	2,983,555	0.98	2,931,259
2010/11	36.0	75.4%	48.0	88.6%	53.6%	616,401	330,605	285,796	0.97	276,713
2011/12	24.0	47.1%	36.0	75.4%	53.5%	775,348	414,606	360,742	0.96	346,408
2012/13	12.0	16.0%	24.0	47.1%	37.1%	1,064,616	394,673	669,943	0.96	640,877
2013/14	0.0	0.0%	12.0	16.0%	16.0%	1,448,000	231,308	1,216,692	0.95	1,150,117
Total						\$11,893,678	\$6,376,950	\$5,516,728		\$5,345,374

(3) and (5) are from Exhibit AL-2.

(7) to 2012/13 is from Exhibit AL-11. The amount for 2013/14 is from Exhibit AL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	120.0	100.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	108.0	100.0%	120.0	100.0%	100.0%	0	0	0	1.00	0
2006/07	96.0	100.0%	108.0	100.0%	100.0%	0	0	0	1.00	0
2007/08	84.0	100.0%	96.0	100.0%	100.0%	0	0	0	1.00	0
2008/09	72.0	100.0%	84.0	100.0%	100.0%	0	0	0	1.00	0
2009/10	60.0	95.2%	72.0	100.0%	100.0%	2,983,555	2,983,555	0	1.00	0
2010/11	48.0	88.6%	60.0	95.2%	58.3%	285,796	166,483	119,313	0.98	117,222
2011/12	36.0	75.4%	48.0	88.6%	53.6%	360,742	193,483	167,259	0.97	161,943
2012/13	24.0	47.1%	36.0	75.4%	53.5%	669,943	358,242	311,701	0.96	299,315
2013/14	12.0	16.0%	24.0	47.1%	37.1%	1,216,692	451,051	765,641	0.96	732,423
2014/15	0.0	0.0%	12.0	16.0%	16.0%	1,506,000	240,573	1,265,427	0.95	1,196,185
Total						\$7,022,728	\$4,393,387	\$2,629,341		\$2,507,088

(3) and (5) are from Exhibit AL-2.

(7) to 2013/14 is from Exhibit AL-12, (9). The amount for 2014/15 is from Exhibit AL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	100.0%	180.0	100.0%	100.0%	0	0	0	1.00	0
2002/03	156.0	100.0%	168.0	100.0%	100.0%	0	0	0	1.00	0
2003/04	144.0	100.0%	156.0	100.0%	100.0%	0	0	0	1.00	0
2004/05	132.0	100.0%	144.0	100.0%	100.0%	0	0	0	1.00	0
2005/06	120.0	100.0%	132.0	100.0%	100.0%	0	0	0	1.00	0
2006/07	108.0	100.0%	120.0	100.0%	100.0%	0	0	0	1.00	0
2007/08	96.0	100.0%	108.0	100.0%	100.0%	0	0	0	1.00	0
2008/09	84.0	100.0%	96.0	100.0%	100.0%	0	0	0	1.00	0
2009/10	72.0	100.0%	84.0	100.0%	100.0%	0	0	0	1.00	0
2010/11	60.0	95.2%	72.0	100.0%	100.0%	119,313	119,313	0	1.00	0
2011/12	48.0	88.6%	60.0	95.2%	58.3%	167,259	97,432	69,827	0.98	68,603
2012/13	36.0	75.4%	48.0	88.6%	53.6%	311,701	167,180	144,521	0.97	139,928
2013/14	24.0	47.1%	36.0	75.4%	53.5%	765,641	409,415	356,226	0.96	342,071
2014/15	12.0	16.0%	24.0	47.1%	37.1%	1,265,427	469,118	796,309	0.96	761,761
2015/16	0.0	0.0%	12.0	16.0%	16.0%	1,566,000	250,158	1,315,842	0.95	1,243,842
Total						\$4,195,341	\$1,512,616	\$2,682,725		\$2,556,205

(3) and (5) are from Exhibit AL-2.

(7) to 2014/15 is from Exhibit AL-13, (9). The amount for 2015/16 is from Exhibit AL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit AL-2.



COOK COUNTY, ILLINOIS
AUTOMOBILE LIABILITY

Exhibit AL-15

List of Large Claims
Reported Incurred Losses Greater Than \$250,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97003499	5/28/2001	2000/01	\$9,500,000	\$3,750,000	\$0	\$3,750,000
97007383	10/9/2007	2006/07	10,000,000	0	750,000	750,000
97008761	1/26/2010	2009/10	10,000,000	0	350,000	350,000
97008566	8/15/2010	2009/10	10,000,000	0	6,000,000	6,000,000
97008845	1/26/2011	2010/11	10,000,000	0	250,000	250,000

The claim(s) indicated by a "*" have been limited in development.

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



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-1 (page 1)

Data Summary as of November 30, 2013
Losses Limited to Self-Insured Retention

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Revenue (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Limited Paid Losses 11/30/13 (8)	Limited Case Reserves 11/30/13 (9)	Limited Reported Incurred Losses 11/30/13 (10)
to 1993/94	See Note	None	240.0	Not Provided	N/A	1	\$24,359,596	\$10,000	\$24,369,596
1994/95	Unlimited	None	228.0	779,719	85	0	12,487,532	0	12,487,532
1995/96	Unlimited	None	216.0	827,195	83	0	3,091,169	0	3,091,169
1996/97	Unlimited	None	204.0	911,921	69	0	1,556,926	0	1,556,926
1997/98	Unlimited	None	192.0	953,497	61	0	2,765,368	0	2,765,368
1998/99	Unlimited	None	180.0	958,768	68	0	4,605,705	0	4,605,705
1999/00	Unlimited	None	168.0	1,018,542	66	0	2,713,278	0	2,713,278
2000/01	9,500,000	40,000,000	156.0	1,068,809	97	1	7,263,079	1,000	7,264,079
2001/02	9,500,000	40,000,000	144.0	1,057,079	100	2	12,390,943	350,000	12,740,943
2002/03	9,500,000	45,000,000	132.0	1,086,728	112	1	6,079,351	105,000	6,184,351
2003/04	10,000,000	None	120.0	1,199,434	77	2	65,563,349	440,000	66,003,349
2004/05	10,000,000	25,000,000	108.0	1,189,789	57	4	4,683,438	15,160,000	19,843,438
2005/06	10,000,000	25,000,000	96.0	1,357,723	79	5	3,192,510	2,650,000	5,842,510
2006/07	10,000,000	25,000,000	84.0	1,243,144	133	14	7,458,622	1,356,000	8,814,622
2007/08	10,000,000	25,000,000	72.0	1,207,801	95	15	5,663,648	8,111,000	13,774,648
2008/09	10,000,000	25,000,000	60.0	1,303,812	121	32	2,826,237	1,564,500	4,390,737
2009/10	10,000,000	25,000,000	48.0	1,287,986	113	61	1,904,020	2,428,000	4,332,020
2010/11	10,000,000	25,000,000	36.0	1,293,078	66	95	1,332,722	3,424,100	4,756,822
2011/12	10,000,000	25,000,000	24.0	1,331,769	132	180	1,228,559	4,822,950	6,051,509
2012/13	15,000,000	25,000,000	12.0	Not Provided	120	117	30,500	1,333,050	1,363,550
Total					1,734	530	\$171,196,553	\$41,755,600	\$212,952,153

* The specific self-insured retention changes are as follows:

Effective Date	Retention
12/01/77	Unlimited
12/01/00	9,500,000
12/01/03	10,000,000
03/01/13	15,000,000

(8), (9) and (10) are net of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-1 (page 2)

Data Summary as of November 30, 2013
Unlimited Losses

Claim Period (1)	Specific Self-Insured Retention (2)	Aggregate Retention (3)	Months of Development 11/30/13 (4)	Revenue (000) (5)	Reported Claims 11/30/13 (6)	Open Claims 11/30/13 (7)	Unlimited Paid Losses 11/30/13 (8)	Unlimited Case Reserves 11/30/13 (9)	Unlimited Reported Incurred Losses 11/30/13 (10)
to 1993/94	Unlimited	None	240.0	Not Provided	N/A	1	\$24,359,596	\$10,000	\$24,369,596
1994/95	Unlimited	None	228.0	779,719	85	0	12,487,532	0	12,487,532
1995/96	Unlimited	None	216.0	827,195	83	0	3,091,169	0	3,091,169
1996/97	Unlimited	None	204.0	911,921	69	0	1,556,926	0	1,556,926
1997/98	Unlimited	None	192.0	953,497	61	0	2,765,368	0	2,765,368
1998/99	Unlimited	None	180.0	958,768	68	0	4,605,705	0	4,605,705
1999/00	Unlimited	None	168.0	1,018,542	66	0	2,713,278	0	2,713,278
2000/01	Unlimited	40,000,000	156.0	1,068,809	97	1	7,263,079	1,000	7,264,079
2001/02	Unlimited	40,000,000	144.0	1,057,079	100	2	12,390,943	350,000	12,740,943
2002/03	Unlimited	45,000,000	132.0	1,086,728	112	1	6,079,351	105,000	6,184,351
2003/04	Unlimited	None	120.0	1,199,434	77	2	65,563,349	440,000	66,003,349
2004/05	Unlimited	25,000,000	108.0	1,189,789	57	4	4,683,438	15,160,000	19,843,438
2005/06	Unlimited	25,000,000	96.0	1,357,723	79	5	3,192,510	2,650,000	5,842,510
2006/07	Unlimited	25,000,000	84.0	1,243,144	133	14	7,458,622	1,356,000	8,814,622
2007/08	Unlimited	25,000,000	72.0	1,207,801	95	15	5,663,648	8,111,000	13,774,648
2008/09	Unlimited	25,000,000	60.0	1,303,812	121	32	2,826,237	1,564,500	4,390,737
2009/10	Unlimited	25,000,000	48.0	1,287,986	113	61	1,904,020	2,428,000	4,332,020
2010/11	Unlimited	25,000,000	36.0	1,293,078	66	95	1,332,722	3,424,100	4,756,822
2011/12	Unlimited	25,000,000	24.0	1,331,769	132	180	1,228,559	4,822,950	6,051,509
2012/13	Unlimited	25,000,000	12.0	Not Provided	120	117	30,500	1,333,050	1,363,550
Total					1,734	530	\$171,196,553	\$41,755,600	\$212,952,153

(8), (9) and (10) are gross of the specific self-insured retention and other recoveries.

Data was provided by the County.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-2 (page 1)

Summary of Percent Losses Paid, Losses Reported and Claims Reported

Months of Development (1)	Percent Losses Paid (2)	Percent Losses Reported (3)	Percent Claims Reported (4)	Months of Development (5)	Percent Losses Paid (6)	Percent Losses Reported (7)	Percent Claims Reported (8)
360.0	100.0%	100.0%	100.0%	354.0	100.0%	100.0%	100.0%
348.0	100.0%	100.0%	100.0%	342.0	100.0%	100.0%	100.0%
336.0	100.0%	100.0%	100.0%	330.0	100.0%	100.0%	100.0%
324.0	100.0%	100.0%	100.0%	318.0	100.0%	100.0%	100.0%
312.0	100.0%	100.0%	100.0%	306.0	100.0%	100.0%	100.0%
300.0	100.0%	100.0%	100.0%	294.0	100.0%	100.0%	100.0%
288.0	100.0%	100.0%	100.0%	282.0	100.0%	100.0%	100.0%
276.0	100.0%	100.0%	100.0%	270.0	100.0%	100.0%	100.0%
264.0	100.0%	100.0%	100.0%	258.0	100.0%	100.0%	100.0%
252.0	100.0%	100.0%	100.0%	246.0	100.0%	100.0%	100.0%
240.0	100.0%	100.0%	100.0%	234.0	100.0%	100.0%	100.0%
228.0	100.0%	100.0%	100.0%	222.0	100.0%	100.0%	100.0%
216.0	100.0%	100.0%	100.0%	210.0	100.0%	100.0%	100.0%
204.0	100.0%	100.0%	100.0%	198.0	100.0%	100.0%	100.0%
192.0	100.0%	100.0%	100.0%	186.0	100.0%	100.0%	100.0%
180.0	100.0%	100.0%	100.0%	174.0	99.8%	100.0%	100.0%
168.0	99.5%	100.0%	100.0%	162.0	99.3%	100.0%	100.0%
156.0	99.0%	100.0%	100.0%	150.0	98.8%	100.0%	100.0%
144.0	98.5%	100.0%	100.0%	138.0	98.0%	100.0%	100.0%
132.0	97.5%	100.0%	100.0%	126.0	96.8%	99.8%	100.0%
120.0	96.1%	99.5%	100.0%	114.0	94.0%	99.0%	100.0%
108.0	92.0%	98.5%	100.0%	102.0	89.8%	97.6%	100.0%
96.0	87.6%	96.6%	100.0%	90.0	85.5%	95.2%	100.0%
84.0	83.4%	93.8%	100.0%	78.0	76.5%	92.0%	100.0%
72.0	69.5%	90.2%	100.0%	66.0	61.5%	87.2%	100.0%
60.0	53.5%	84.3%	100.0%	54.0	42.9%	78.8%	100.0%
48.0	32.4%	73.3%	100.0%	42.0	23.2%	66.5%	100.0%
36.0	14.1%	59.8%	100.0%	30.0	8.4%	46.3%	99.0%
24.0	2.6%	32.8%	98.0%	18.0	1.4%	23.5%	89.9%
12.0	0.2%	14.3%	81.7%	6.0	0.1%	7.1%	40.8%

(2) is from Exhibit OL-2 (page 2).

(3) is from Exhibit OL-2 (page 3).

(4) is from Exhibit OL-2 (page 4).

(6), (7) and (8) are interpolated, based on (2), (3) and (4), respectively.

COOK COUNTY, ILLINOIS
OTHER LIABILITY

Historical Limited Paid Losses (\$000) and Limited Paid Loss Development

I. Historical Limited Paid Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	71	180	685	1,118	2,283	2,526	9,659	11,678	11,678	11,678	11,678	12,188	12,188	12,488	12,488	12,488	12,488	12,488	12,488	\$24,380
1995/06	39	527	768	1,488	1,658	1,908	1,818	1,833	1,841	2,341	2,341	2,341	2,341	3,091	3,091	3,091	3,091	3,091	3,091	
1996/07	12	489	768	1,488	1,658	1,908	1,818	1,833	1,841	2,341	2,341	2,341	2,341	3,091	3,091	3,091	3,091	3,091	3,091	
1997/08	1	67	1,359	1,611	1,715	2,234	2,732	2,760	2,760	2,760	2,760	2,760	2,760	2,765	2,765	2,765	2,765	2,765	2,765	
1998/09	10	278	773	1,917	2,171	2,816	3,306	3,316	3,786	4,306	4,306	4,306	4,306	4,606	4,606	4,606	4,606	4,606	4,606	
1999/00	127	267	282	919	1,175	1,606	1,610	2,135	2,163	2,413	2,413	2,413	2,413	2,713	2,713	2,713	2,713	2,713	2,713	
2000/01	0	33	434	5,141	5,204	5,525	6,038	6,238	6,253	6,280	6,280	6,280	6,280	7,263	7,263	7,263	7,263	7,263	7,263	
2001/02	3	45	591	1,625	3,312	6,371	8,999	8,999	9,004	11,759	12,391	12,391	12,391	12,391	12,391	12,391	12,391	12,391	12,391	
2002/03	11	79	182	499	795	6,020	6,039	5,734	5,869	5,974	6,079	6,079	6,079	6,079	6,079	6,079	6,079	6,079	6,079	
2003/04	22	86	389	1,694	8,745	9,335	16,123	61,060	65,548	65,563	65,563	65,563	65,563	65,563	65,563	65,563	65,563	65,563	65,563	
2004/05	0	86	500	1,742	8,745	9,335	16,123	61,060	65,548	65,563	65,563	65,563	65,563	65,563	65,563	65,563	65,563	65,563	65,563	
2005/06	14	168	1,304	2,627	2,692	2,733	3,193	3,193	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	
2006/07	41	426	1,541	3,739	3,861	4,039	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	
2007/08	17	192	637	976	5,549	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	5,664	
2008/09	76	230	1,012	1,382	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	
2009/10	4	237	991	1,904																
2010/11	53	250	1,333																	
2011/12	100	1,229																		
2012/13	31																			

II. Limited Paid Loss Development

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	2,539	3,700	1,680	2,042	1,107	3,824	1,209	1,000	1,000	1,000	1,000	1,044	1,000	1,025	1,000	1,000	1,000	1,000	1,000	
1995/06	13,593	1,456	1,939	1,114	1,091	1,005	1,008	1,005	1,272	1,000	1,000	1,000	1,320	1,000	1,000	1,000	1,000	1,000	1,000	
1996/07	40,743	1,561	1,345	1,108	1,078	1,005	1,008	1,005	1,272	1,000	1,000	1,000	1,320	1,000	1,000	1,000	1,000	1,000	1,000	
1997/08	116,399	20,035	1,205	1,018	1,360	1,223	1,010	1,000	1,000	1,000	1,000	1,000	1,002	1,000	1,000	1,000	1,000	1,000	1,000	
1998/09	28,111	2,779	2,490	1,132	1,297	1,174	1,003	1,142	1,137	1,000	1,000	1,070	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1999/00	2,097	1,057	3,257	1,278	1,368	1,002	1,326	1,013	1,116	1,000	1,124	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2000/01	130,360	1,184	1,012	1,012	1,062	1,093	1,033	1,002	1,001	1,000	1,160	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2001/02	17,980	13,154	2,748	2,038	1,923	1,412	1,000	1,001	1,306	1,054	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2002/03	7,223	2,295	2,735	1,596	1,568	1,003	950	1,024	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	
2003/04	3,094	5,617	4,351	5,164	1,067	1,727	3,787	1,074	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2004/05	11,769	5,823	3,485	1,039	1,550	1,525	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	
2005/06	10,334	3,614	2,014	1,025	1,015	1,168	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2006/07	11,576	3,323	1,533	1,033	1,046	1,846	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2007/08	11,678	3,323	1,533	1,033	1,046	1,846	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2008/09	3,035	4,397	1,365	2,045	1,021															
2009/10	67,791	4,175	1,922																	
2010/11	4,730	5,324																		
2011/12	12,286																			
2012/13																				

Average
All
Wtd 3
Last 3
Last 5
x-high

Similar	12,000	5,500	2,500	1,500	1,400	1,150	1,050	1,050	1,050	1,010	1,010	1,005	1,005	1,005	1,000	1,000	1,000	1,000	1,000	1,000
Previous																				
Selected	12,000	5,350	2,300	1,650	1,300	1,200	1,050	1,050	1,045	1,015	1,010	1,005	1,005	1,005	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	455,672	37,973	7,098	3,086	1,870	1,439	1,199	1,199	1,087	1,041	1,025	1,015	1,010	1,005	1,000	1,000	1,000	1,000	1,000	1,000
Percent	0.2%	2.6%	14.1%	32.4%	53.5%	69.5%	83.4%	87.6%	92.0%	96.1%	97.5%	98.5%	99.0%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
OTHER LIABILITY

Historical Limited Reported Incurred Losses (\$000) and Limited Reported Incurred Loss Development

I. Historical Limited Reported Incurred Losses (\$000)

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	667	5,493	5,090	8,019	7,803	11,006	12,452	11,683	11,693	11,693	12,153	13,188	13,188	12,488	12,488	12,488	12,488	12,488	12,488	\$24,370
1995/06	1,439	2,361	5,090	4,438	2,358	2,045	2,242	2,203	2,281	3,141	2,541	2,541	2,541	3,091	3,091	3,091	3,091	3,091	3,091	
1996/07	792	1,601	3,728	3,333	2,645	2,122	2,097	2,067	2,168	2,308	2,557	2,557	2,557	1,557	1,557	1,557	1,557	1,557	1,557	
1997/08	410	1,526	3,522	2,975	3,204	3,501	3,990	2,760	2,760	2,760	2,760	2,760	2,760	2,765	2,765	2,765	2,765	2,765	2,765	
1998/09	197	2,915	5,554	4,757	6,452	5,562	6,277	4,796	4,091	4,606	4,606	4,606	4,606	4,606	4,606	4,606	4,606	4,606	4,606	
1999/00	4,529	6,421	8,034	6,922	5,610	6,056	6,810	5,235	5,163	5,413	3,163	2,713	2,713	2,713	2,713	2,713	2,713	2,713	2,713	
2000/01	3,684	3,812	9,452	12,006	8,360	8,897	8,743	8,143	6,623	5,413	3,163	2,713	2,713	2,713	2,713	2,713	2,713	2,713	2,713	
2001/02	1,519	2,478	3,930	6,086	9,957	19,611	19,327	14,124	13,434	11,889	12,491	12,741	12,741	12,741	12,741	12,741	12,741	12,741	12,741	
2002/03	1,043	2,841	4,744	5,223	11,305	8,930	7,654	6,254	6,284	6,184	6,184	6,184	6,184	6,184	6,184	6,184	6,184	6,184	6,184	
2003/04	2,287	5,765	18,120	40,102	43,979	64,408	62,263	68,738	65,578	66,003	66,003	66,003	66,003	66,003	66,003	66,003	66,003	66,003	66,003	
2004/05	2,102	4,813	11,214	8,406	8,236	7,377	8,101	12,858	19,843	19,843	19,843	19,843	19,843	19,843	19,843	19,843	19,843	19,843	19,843	
2005/06	3,747	7,296	5,992	4,427	3,683	3,521	7,393	5,843	5,843	5,843	5,843	5,843	5,843	5,843	5,843	5,843	5,843	5,843	5,843	
2006/07	1,767	4,668	4,439	6,087	7,935	9,400	8,815	8,815	8,815	8,815	8,815	8,815	8,815	8,815	8,815	8,815	8,815	8,815	8,815	
2007/08	1,928	3,878	8,916	10,754	14,495	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	13,775	
2008/09	1,931	2,115	4,335	4,332	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	
2009/10	972	3,567	6,505	4,332	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	
2010/11	471	2,406	4,757	4,332	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	
2011/12	4,276	6,052	4,757	4,332	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	4,391	
2012/13	1,364																			

II. Limited Reported Incurred Loss Development

Claim Period	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-Ult
to 1993/04																				
1994/05	8,235	0,927	1,576	0,973	1,411	1,131	0,938	1,001	0,999	1,040	1,085	1,000	0,947	1,000	1,000	1,000	1,000	1,000	1,000	
1995/06	1,641	2,155	0,872	0,531	0,868	1,096	0,963	1,036	1,377	0,809	1,000	1,216	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1996/07	2,023	2,328	0,894	0,794	0,802	0,986	0,966	1,049	1,065	2,408	0,280	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1997/08	3,727	2,307	0,845	1,077	1,093	0,882	0,893	1,000	1,000	1,000	1,000	1,002	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1998/09	14,791	1,905	0,857	1,356	0,865	1,124	0,764	0,853	1,126	1,043	0,958	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1999/00	1,418	1,251	0,862	0,810	1,080	1,124	0,769	0,886	1,048	0,984	0,858	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2000/01	1,035	2,480	1,270	0,696	1,040	1,005	0,931	0,813	0,960	1,142	1,001	0,999	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2001/02	1,631	1,586	1,549	1,636	1,970	0,985	0,731	0,951	0,885	1,051	1,020									
2002/03	2,725	1,670	1,101	2,165	0,790	0,857	0,817	1,005	0,984	1,000										
2003/04	2,520	3,143	2,213	1,097	1,465	0,967	1,104	0,954	1,006											
2004/05	2,289	2,330	0,750	0,980	0,896	1,098	1,587	1,543												
2005/06	1,947	0,821	0,739	0,832	0,956	2,100	0,790													
2006/07	2,642	0,951	1,371	1,304	1,185	0,938														
2007/08	2,012	2,299	1,348	0,950																
2008/09	1,096	1,693	1,211	1,013																
2009/10	3,671	1,824	0,666																	
2010/11	5,103	1,977																		
2011/12	1,415																			
2012/13																				

Average
All
Wtd 3
Last 3
Last 5
x-fllow

Similar	2,300	1,800	1,250	1,150	1,070	1,040	1,030	1,020	1,010	1,005	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Previous																				
Selected	2,300	1,825	1,225	1,150	1,070	1,040	1,030	1,020	1,010	1,005	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	7,017	3,051	1,672	1,365	1,187	1,109	1,066	1,035	1,015	1,005	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	14.3%	32.8%	59.8%	73.3%	84.3%	90.2%	93.8%	96.6%	98.5%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Amounts are limited (net of excess insurance).

Data was provided by the County.

COOK COUNTY, ILLINOIS
OTHER LIABILITY

Historical Reported Claims and Reported Claim Development

I. Historical Reported Claims

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
to 1993/04																				
1994/05	35	64	72	79	85	89	88	85	86	85	85	85	85	85	85	85	85	85	85	85
1995/06	23	47	60	68	84	88	88	84	83	83	83	83	83	83	83	83	83	83	83	83
1996/07	30	50	66	80	92	96	96	92	89	89	89	89	89	89	89	89	89	89	89	89
1997/08	16	35	53	62	70	71	70	61	61	61	61	61	61	61	61	61	61	61	61	61
1998/09	23	42	55	63	73	73	68	68	68	68	68	68	68	68	68	68	68	68	68	68
1999/00	32	63	78	86	96	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
2000/01	54	108	102	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001/02	53	94	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002/03	76	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
2003/04	69	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
2004/05	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
2005/06	69	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79
2006/07	76	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
2007/08	77	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
2008/09	112	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
2009/10	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113
2010/11	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
2011/12	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
2012/13	120																			

II. Reported Claim Development

Claim Period	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-Ult
to 1993/04																				
1994/05	1,829	1,125	1,097	1,076	1,047	989	986	1,012	988	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1995/06	2,043	1,702	1,025	1,024	1,048	1,067	983	988	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1996/07	2,000	1,433	1,035	809	986	986	986	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1997/08	3,438	1,509	974	1,016	1,032	938	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1998/09	3,130	1,042	973	959	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	1,000	1,000	1,000
1999/00	1,969	1,238	833	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	1,000	1,000	1,000	1,000
2000/01	2,000	944	951	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2001/02	1,774	1,064	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2002/03	1,474	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2003/04	1,116	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2004/05	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2005/06	1,145	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2006/07	1,750	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2007/08	1,234	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2008/09	1,080	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2009/10	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2010/11	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2011/12	1,000																			
2012/13																				

Average
All
Wtd 3
Last 3
Last 5
x-tilt

Similar Previous	1,200	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Selected	1,200	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cumulative	1,224	1,020	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Percent	81.7%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Data was provided by the County.

COOK COUNTY, ILLINOIS
OTHER LIABILITY
Historical Ratio of Limited Paid Losses and Limited Reported Incurred Losses

I. Ratio of Limited Paid Losses to Limited Reported Incurred Losses

Claim Period	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
Months of Development:																				
to 1993/04																				
1994/05	10.6%	3.3%	13.1%	13.9%	29.3%	23.0%	77.6%	100.0%	99.9%	100.0%	96.1%	92.4%	92.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1995/06	2.7%	22.3%	15.1%	33.5%	70.3%	88.4%	61.1%	83.2%	80.7%	74.5%	92.1%	92.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1996/07	0.1%	31.2%	21.2%	31.5%	44.4%	59.7%	60.4%	61.3%	58.4%	67.5%	92.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1997/08	0.1%	4.4%	38.0%	54.2%	51.2%	63.6%	88.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1998/09	5.0%	9.5%	13.9%	40.3%	33.6%	50.4%	52.7%	69.1%	92.5%	93.5%	88.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1999/00	2.8%	4.2%	3.5%	13.3%	20.9%	26.5%	23.6%	40.8%	41.9%	44.6%	76.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2000/01	0.0%	0.9%	45.9%	42.8%	62.3%	63.5%	69.1%	76.6%	94.4%	98.4%	86.2%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2001/02	0.2%	1.8%	15.0%	26.7%	33.3%	32.5%	46.6%	63.7%	67.0%	96.6%	97.3%	97.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2002/03	1.1%	2.8%	3.8%	9.5%	7.0%	67.4%	78.9%	91.7%	93.4%	96.6%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2003/04	1.0%	1.2%	2.1%	4.2%	19.9%	14.5%	25.9%	88.8%	100.0%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2004/05	0.0%	1.8%	4.5%	20.7%	22.0%	38.0%	52.8%	36.4%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2005/06	0.4%	2.3%	21.8%	59.3%	73.1%	77.6%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2006/07	2.3%	9.1%	34.7%	61.4%	48.7%	43.0%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2007/08	0.9%	4.9%	7.1%	9.1%	38.3%	41.1%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2008/09	3.9%	10.9%	28.3%	31.9%	64.4%	41.1%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2009/10	0.4%	6.7%	15.2%	44.0%	64.4%	41.1%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2010/11	11.2%	10.4%	28.0%	44.0%	64.4%	41.1%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2011/12	2.3%	20.3%	28.0%	44.0%	64.4%	41.1%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2012/13	2.2%	20.3%	28.0%	44.0%	64.4%	41.1%	84.6%	54.6%	23.6%	99.3%	98.3%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Average	2.6%	8.2%	18.3%	31.0%	41.2%	49.2%	60.4%	72.2%	77.4%	87.3%	85.1%	97.7%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
All	5.3%	12.5%	23.8%	28.3%	50.4%	53.9%	60.2%	60.0%	72.3%	98.3%	94.6%	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 3	2.8%	9.3%	23.8%	45.1%	50.4%	40.7%	58.3%	69.1%	84.9%	98.0%	91.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Last 5																				
x-high																				
Implicit	1.5%	8.0%	23.6%	44.2%	63.5%	77.1%	88.9%	90.7%	93.3%	96.6%	97.5%	98.5%	99.0%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-3

Developed Limited Paid Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Paid Losses 11/30/13 (3)	Percent Losses Paid (4)	Developed Limited Paid Losses (3)/(4) (5)
to 1993/94	240.0	\$24,359,596	100.0%	\$24,359,596
1994/95	228.0	12,487,532	100.0%	12,487,532
1995/96	216.0	3,091,169	100.0%	3,091,169
1996/97	204.0	1,556,926	100.0%	1,556,926
1997/98	192.0	2,765,368	100.0%	2,765,368
1998/99	180.0	4,605,705	100.0%	4,605,705
1999/00	168.0	2,713,278	99.5%	2,726,845
2000/01	156.0	7,263,079	99.0%	7,335,892
2001/02	144.0	12,390,943	98.5%	12,577,738
2002/03	132.0	6,079,351	97.5%	6,232,708
2003/04	120.0	65,563,349	96.1%	66,384,747 *
2004/05	108.0	4,683,438	92.0%	5,092,917
2005/06	96.0	3,192,510	87.6%	3,645,218
2006/07	84.0	7,458,622	83.4%	8,942,092
2007/08	72.0	5,663,648	69.5%	8,148,130
2008/09	60.0	2,826,237	53.5%	5,285,835
2009/10	48.0	1,904,020	32.4%	5,875,712
2010/11	36.0	1,332,722	14.1%	9,459,243
2011/12	24.0	1,228,559	2.6%	46,651,610
2012/13	12.0	30,500	0.2%	13,897,982

* - Indicates large claim(s) limited to retention. For details, see Exhibit OL-15.

(3) is from Exhibit OL-1.

(4) is from Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-4

Developed Limited Reported Incurred Losses

Claim Period (1)	Months of Development 11/30/13 (2)	Limited Reported Incurred Losses 11/30/13 (3)	Percent Losses Reported (4)	Developed Limited Reported Incurred Losses (3)/(4) (5)
to 1993/94	240.0	\$24,369,596	100.0%	\$24,369,596
1994/95	228.0	12,487,532	100.0%	12,487,532
1995/96	216.0	3,091,169	100.0%	3,091,169
1996/97	204.0	1,556,926	100.0%	1,556,926
1997/98	192.0	2,765,368	100.0%	2,765,368
1998/99	180.0	4,605,705	100.0%	4,605,705
1999/00	168.0	2,713,278	100.0%	2,713,278
2000/01	156.0	7,264,079	100.0%	7,264,079
2001/02	144.0	12,740,943	100.0%	12,740,943
2002/03	132.0	6,184,351	100.0%	6,184,351
2003/04	120.0	66,003,349	99.5%	66,106,696 *
2004/05	108.0	19,843,438	98.5%	19,916,331 *
2005/06	96.0	5,842,510	96.6%	6,049,049
2006/07	84.0	8,814,622	93.8%	9,400,015
2007/08	72.0	13,774,648	90.2%	15,277,021
2008/09	60.0	4,390,737	84.3%	5,210,499
2009/10	48.0	4,332,020	73.3%	5,911,943
2010/11	36.0	4,756,822	59.8%	7,952,300
2011/12	24.0	6,051,509	32.8%	18,463,007
2012/13	12.0	1,363,550	14.3%	9,568,363

* - Indicates large claim(s) limited to retention. For details, see Exhibit OL-15.

(3) is from Exhibit OL-1.

(4) is from Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-5

Developed Limited Case Reserves

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Percent Losses Reported (4)	Percent Losses Reserved 11/30/13 [(4)-(3)]/ [100.0%-(3)] (5)	Limited Paid Losses 11/30/13 (6)	Limited Case Reserves 11/30/13 (7)	Developed Limited Case Reserves (6)+(7)/(5) (8)
to 1993/94	240.0	100.0%	100.0%	100.0%	\$24,359,596	\$10,000	\$24,369,596
1994/95	228.0	100.0%	100.0%	100.0%	12,487,532	0	12,487,532
1995/96	216.0	100.0%	100.0%	100.0%	3,091,169	0	3,091,169
1996/97	204.0	100.0%	100.0%	100.0%	1,556,926	0	1,556,926
1997/98	192.0	100.0%	100.0%	100.0%	2,765,368	0	2,765,368
1998/99	180.0	100.0%	100.0%	100.0%	4,605,705	0	4,605,705
1999/00	168.0	99.5%	100.0%	100.0%	2,713,278	0	2,713,278
2000/01	156.0	99.0%	100.0%	100.0%	7,263,079	1,000	7,264,079
2001/02	144.0	98.5%	100.0%	100.0%	12,390,943	350,000	12,740,943
2002/03	132.0	97.5%	100.0%	100.0%	6,079,351	105,000	6,184,351
2003/04	120.0	96.1%	99.5%	87.2%	65,563,349	440,000	66,067,649
2004/05	108.0	92.0%	98.5%	81.6%	4,683,438	15,160,000	19,879,614 *
2005/06	96.0	87.6%	96.6%	72.5%	3,192,510	2,650,000	6,847,322
2006/07	84.0	83.4%	93.8%	62.5%	7,458,622	1,356,000	9,629,567
2007/08	72.0	69.5%	90.2%	67.7%	5,663,648	8,111,000	17,636,016
2008/09	60.0	53.5%	84.3%	66.2%	2,826,237	1,564,500	5,189,923
2009/10	48.0	32.4%	73.3%	60.5%	1,904,020	2,428,000	5,919,620
2010/11	36.0	14.1%	59.8%	53.2%	1,332,722	3,424,100	7,765,730
2011/12	24.0	2.6%	32.8%	31.0%	1,228,559	4,822,950	16,807,468
2012/13	12.0	0.2%	14.3%	14.1%	30,500	1,333,050	9,510,295

* - Indicates large claim(s) limited to retention. For details, see Exhibit OL-15.

(3) and (4) are from Exhibit OL-2.

(6) and (7) are from Exhibit OL-1.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-6

Preliminary Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	Preliminary Projected Ultimate Limited Losses (5)
to 1993/94	\$24,359,596	\$24,369,596	\$24,369,596	\$24,370,596
1994/95	12,487,532	12,487,532	12,487,532	12,487,532
1995/96	3,091,169	3,091,169	3,091,169	3,091,169
1996/97	1,556,926	1,556,926	1,556,926	1,556,926
1997/98	2,765,368	2,765,368	2,765,368	2,765,368
1998/99	4,605,705	4,605,705	4,605,705	4,605,705
1999/00	2,726,845	2,713,278	2,713,278	2,713,278
2000/01	7,335,892	7,264,079	7,264,079	7,264,179
2001/02	12,577,738	12,740,943	12,740,943	12,775,943
2002/03	6,232,708	6,184,351	6,184,351	6,194,851
2003/04	66,384,747	66,106,696	66,067,649	66,067,649
2004/05	5,092,917	19,916,331	19,879,614	21,359,438
2005/06	3,645,218	6,049,049	6,847,322	6,448,185
2006/07	8,942,092	9,400,015	9,629,567	9,583,656
2007/08	8,148,130	15,277,021	17,636,016	16,928,317
2008/09	5,285,835	5,210,499	5,189,923	5,198,154
2009/10	5,875,712	5,911,943	5,919,620	5,912,158
2010/11	9,459,243	7,952,300	7,765,730	8,179,061
2011/12	46,651,610	18,463,007	16,807,468	23,438,512
2012/13	13,897,982	9,568,363	9,510,295	10,411,060

(2) is from Exhibit OL-3.

(3) is from Exhibit OL-4.

(4) is from Exhibit OL-5.

(5) is based on (2) to (4) and actuarial judgment.

Bornhuetter - Ferguson Analysis

I. A-priori Loss Rate

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Revenue (000) (3)	Limited Loss Rate per \$1,000 of Revenue (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$1,000 of Revenue (4)X(5) (6)	Projected A-priori Loss Rate per \$1,000 of Revenue (7)/(5) (8)
2003/04	\$66,067,649	\$1,199,434	\$55.08	1.629	\$89.72	\$7.25
2004/05	21,359,438	1,189,789	17.95	1.551	27.85	7.61
2005/06	6,448,185	1,357,723	4.75	1.477	7.02	7.99
2006/07	9,583,656	1,243,144	7.71	1.407	10.85	8.39
2007/08	16,928,317	1,207,801	14.02	1.340	18.78	8.81
2008/09	5,198,154	1,303,812	3.99	1.276	5.09	9.25
2009/10	5,912,158	1,287,986	4.59	1.216	5.58	9.72
2010/11	8,179,061	1,293,078	6.33	1.158	7.32	10.20
2011/12	23,438,512	1,331,769	17.60	1.103	19.40	10.71
2012/13	10,411,060	1,331,769	7.82	1.050	8.21	11.25

(7) Projected 2013/14 a-priori loss rate per \$1,000 of Revenue \$11.81

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Percent Losses Paid (3)	Projected A-priori Loss Rate per \$1,000 of Revenue (4)	Revenue (000) (5)	B-F Unpaid Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Paid Losses (2)+(6) (7)
2008/09	\$2,826,237	53.5%	\$9.25	\$1,303,812	\$5,614,633	\$8,440,870
2009/10	1,904,020	32.4%	9.72	1,287,986	8,460,019	10,364,039
2010/11	1,332,722	14.1%	10.20	1,293,078	11,334,635	12,667,357
2011/12	1,228,559	2.6%	10.71	1,331,769	13,891,914	15,120,473
2012/13	30,500	0.2%	11.25	1,331,769	14,948,155	14,978,655

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

Claim Period (1)	Limited Reported Incurred Losses 11/30/13 (2)	Percent Losses Reported (3)	Projected A-priori Loss Rate per \$1,000 of Revenue (4)	Revenue (000) (5)	B-F Unreported Losses [100.0%-(3)] X(4)X(5) (6)	B-F Ultimate Limited Reported Losses (2)+(6) (7)
2008/09	\$4,390,737	84.3%	\$9.25	\$1,303,812	\$1,898,364	\$6,289,101
2009/10	4,332,020	73.3%	9.72	1,287,986	3,344,737	7,676,757
2010/11	4,756,822	59.8%	10.20	1,293,078	5,301,544	10,058,366
2011/12	6,051,509	32.8%	10.71	1,331,769	9,591,227	15,642,736
2012/13	1,363,550	14.3%	11.25	1,331,769	12,846,144	14,209,694

Section I, (2) is from Exhibit OL-6.

Section I, (3), Section II, (5) and Section III, (5) are from Exhibit OL-10.

Section I, (5) is based on a 5% trend.

Section I, (7) is based on Section I, (6) and actuarial judgment.

Sections II and III, (2) are from Exhibit OL-1.

Sections II and III, (3) are from Exhibit OL-2.

Sections II and III, (4) are from Section I, (8).



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-8

Frequency Times Severity Analysis

I. Projected Ultimate Claims

Claim Period (1)	Months of Development 11/30/13 (2)	Reported Claims 11/30/13 (3)	Percent Claims Reported (4)	Projected Ultimate Claims (3)/(4) (5)	Revenue (000) (6)	Frequency (per \$1M of Revenue) (5)/(6)X1,000 (7)
2003/04	120.0	77	100.0%	77	\$1,199,434	0.06
2004/05	108.0	57	100.0%	57	1,189,789	0.05
2005/06	96.0	79	100.0%	79	1,357,723	0.06
2006/07	84.0	133	100.0%	133	1,243,144	0.11
2007/08	72.0	95	100.0%	95	1,207,801	0.08
2008/09	60.0	121	100.0%	121	1,303,812	0.09
2009/10	48.0	113	100.0%	113	1,287,986	0.09
2010/11	36.0	66	100.0%	66	1,293,078	0.05
2011/12	24.0	132	98.0%	135	1,331,769	0.10
2012/13	12.0	120	81.7%	147	1,331,769	0.11

II. Frequency Times Severity

Claim Period (1)	Preliminary Projected Ultimate Limited Losses (2)	Projected Ultimate Claims (3)	Average Severity (2)/(3) (4)	Severity Trend (2013/14 = 1.000) (5)	Trended Average Claim Severity (4)X(5) (6)	De-Trended Projected 2013/14 Average Claim Severity (7)/(5) (8)	Frequency Times Severity (3)X(8) (9)
2003/04	\$66,067,649	77	\$858,021	1.629	\$1,397,626	\$106,464	\$8,197,742
2004/05	21,359,438	57	374,727	1.551	581,325	111,787	6,371,882
2005/06	6,448,185	79	81,623	1.477	120,594	117,377	9,272,765
2006/07	9,583,656	133	72,058	1.407	101,392	123,246	16,391,666
2007/08	16,928,317	95	178,193	1.340	238,795	129,408	12,293,749
2008/09	5,198,154	121	42,960	1.276	54,829	135,878	16,441,272
2009/10	5,912,158	113	52,320	1.216	63,595	142,672	16,121,958
2010/11	8,179,061	66	123,925	1.158	143,459	149,806	9,887,183
2011/12	23,438,512	135	173,619	1.103	191,415	157,296	21,234,973
2012/13	10,411,060	147	70,824	1.050	74,365	165,161	24,278,652
(7) Projected 2013/14 average claim severity					\$173,419		

Section I, (3) is from Exhibit OL-1.

Section I, (4) is from Exhibit OL-2.

Section I, (6) is from Exhibit OL-10.

Section II, (2) is from Exhibit OL-6.

Section II, (3) is from Section I, (5).

Section II, (5) is based on a 5% trend.

Section II, (7) is based on (6) and actuarial judgment.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-9

Projected Ultimate Limited Losses to 2012/13

Claim Period (1)	Developed Limited Paid Losses (2)	Developed Limited Reported Incurred Losses (3)	Developed Limited Case Reserves (4)	B-F Ultimate Limited Paid Losses (5)	B-F Ultimate Limited Reported Losses (6)	Frequency Times Severity (7)	Prior Projected Ultimate Limited Losses (8)	Projected Ultimate Limited Losses (8)
to 1993/94	\$24,359,596	\$24,369,596	\$24,369,596				\$24,370,596	\$24,371,000
1994/95	12,487,532	12,487,532	12,487,532				12,487,532	12,487,532
1995/96	3,091,169	3,091,169	3,091,169				3,091,169	3,091,169
1996/97	1,556,926	1,556,926	1,556,926				1,556,926	1,556,926
1997/98	2,765,368	2,765,368	2,765,368				2,765,368	2,765,368
1998/99	4,605,705	4,605,705	4,605,705				4,605,705	4,605,705
1999/00	2,726,845	2,713,278	2,713,278				2,713,278	2,713,278
2000/01	7,335,892	7,264,079	7,264,079				7,269,000	7,264,179
2001/02	12,577,738	12,740,943	12,740,943				12,501,000	12,776,000
2002/03	6,232,708	6,184,351	6,184,351				6,220,000	6,195,000
2003/04	66,384,747	66,106,696	66,067,649				65,585,000	66,068,000
2004/05	5,092,917	19,916,331	19,879,614				13,676,000	20,000,000
2005/06	3,645,218	6,049,049	6,847,322				8,902,000	6,500,000
2006/07	8,942,092	9,400,015	9,629,567				11,409,000	9,500,000
2007/08	8,148,130	15,277,021	17,636,016				15,781,000	16,250,000
2008/09	5,285,835	5,210,499	5,189,923	8,440,870	6,289,101	16,441,272	10,827,000	6,500,000
2009/10	5,875,712	5,911,943	5,919,620	10,364,039	7,676,757	16,121,958	12,776,000	9,500,000
2010/11	9,459,243	7,952,300	7,765,730	12,667,357	10,058,366	9,887,183	11,410,000	10,500,000
2011/12	46,651,610	18,463,007	16,807,468	15,120,473	15,642,736	21,234,973	18,000,000	17,500,000
2012/13	13,897,982	9,568,363	9,510,295	14,978,655	14,209,694	24,278,652	15,687,000	15,500,000

(2) is from Exhibit OL-3.

(3) is from Exhibit OL-4.

(4) is from Exhibit OL-5.

(5) and (6) are from Exhibit OL-7.

(7) is from Exhibit OL-8.

(8) is from prior actuarial study.

(9) is based on (2) to (8) and actuarial judgment.

Projected Ultimate Limited Losses for 2013/14 and Subsequent

Claim Period (1)	Projected Ultimate Limited Losses (2)	Revenue (000) (3)	Limited Loss Rate per \$1,000 of Revenue (2)/(3) (4)	Loss Rate Trend (2013/14 = 1.000) (5)	Trended Limited Loss Rate per \$1,000 of Revenue (4)X(5) (6)	
2003/04	\$66,068,000	\$1,199,434	\$55.08	1.629	\$89.72	
2004/05	20,000,000	1,189,789	16.81	1.551	26.08	
2005/06	6,500,000	1,357,723	4.79	1.477	7.07	
2006/07	9,500,000	1,243,144	7.64	1.407	10.75	
2007/08	16,250,000	1,207,801	13.45	1.340	18.03	
2008/09	6,500,000	1,303,812	4.99	1.276	6.36	
2009/10	9,500,000	1,287,986	7.38	1.216	8.97	
2010/11	10,500,000	1,293,078	8.12	1.158	9.40	
2011/12	17,500,000	1,331,769	13.14	1.103	14.49	
2012/13	15,500,000	1,331,769	11.64	1.050	12.22	
Total	\$177,818,000	\$12,746,304	\$13.95		\$20.31	

Claim Period (1)	Projected Limited Loss Rate per \$1,000 of Revenue (7)	Projected Revenue (000) (8)	Projected Ultimate Limited Losses (7)X(8) (9)	Present Value Factor (10)	Present Value of Projected Limited Loss Rate per \$1,000 of Revenue (7)X(10) (11)	Present Value of Projected Ultimate Limited Losses (8)X(11) (12)
2013/14	\$12.49	\$1,331,769	\$16,628,000	0.83	\$10.41	\$13,860,000
2014/15	13.11	1,331,769	17,459,000	0.83	10.93	14,553,000
2015/16	13.77	1,331,769	18,332,000	0.83	11.47	15,280,000

(2) is from Exhibit OL-9.

(3) for 2003/04, 2004/05, 2005/06, 2006/07, 2007/08, 2008/09, 2009/10, 2010/11 and 2011/12 were provided by the County. Other periods assume a 0% trend.

(5) is based on a 5% trend.

(7) for 2013/14 is based on (6) and actuarial judgment.

(7) for 2014/15 and subsequent are based on 2013/14 plus a 5% trend.

(8) is based on (3) for 2012/13 and a 0% trend.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-11

Estimated Outstanding Losses as of November 30, 2013

Claim Period (1)	Limited Paid Losses 11/30/13 (2)	Limited Case Reserves 11/30/13 (3)	Limited Reported Incurred Losses 11/30/13 (4)	Projected Ultimate Limited Losses (5)	Estimated IBNR 11/30/13 (5)-(4) (6)	Estimated Outstanding Losses 11/30/13 (3)+(6) (7)	Present Value Factor (8)	Present Value of Estimated Outstanding Losses 11/30/13 (7)X(8) (9)
to 1993/94	\$24,359,596	\$10,000	\$24,369,596	\$24,371,000	\$1,404	\$11,404	1.00	\$11,404
1994/95	12,487,532	0	12,487,532	12,487,532	0	0	1.00	0
1995/96	3,091,169	0	3,091,169	3,091,169	0	0	1.00	0
1996/97	1,556,926	0	1,556,926	1,556,926	0	0	1.00	0
1997/98	2,765,368	0	2,765,368	2,765,368	0	0	1.00	0
1998/99	4,605,705	0	4,605,705	4,605,705	0	0	1.00	0
1999/00	2,713,278	0	2,713,278	2,713,278	0	0	0.98	0
2000/01	7,263,079	1,000	7,264,079	7,264,179	100	1,100	0.97	1,062
2001/02	12,390,943	350,000	12,740,943	12,776,000	35,057	385,057	0.95	365,271
2002/03	6,079,351	105,000	6,184,351	6,195,000	10,649	115,649	0.94	108,958
2003/04	65,563,349	440,000	66,003,349	66,068,000	64,651	504,651	0.94	472,553
2004/05	4,683,438	15,160,000	19,843,438	20,000,000	156,562	15,316,562	0.94	14,463,722
2005/06	3,192,510	2,650,000	5,842,510	6,500,000	657,490	3,307,490	0.94	3,097,557
2006/07	7,458,622	1,356,000	8,814,622	9,500,000	685,378	2,041,378	0.92	1,885,653
2007/08	5,663,648	8,111,000	13,774,648	16,250,000	2,475,352	10,586,352	0.93	9,877,489
2008/09	2,826,237	1,564,500	4,390,737	6,500,000	2,109,263	3,673,763	0.93	3,412,317
2009/10	1,904,020	2,428,000	4,332,020	9,500,000	5,167,980	7,595,980	0.92	7,013,594
2010/11	1,332,722	3,424,100	4,756,822	10,500,000	5,743,178	9,167,278	0.91	8,348,586
2011/12	1,228,559	4,822,950	6,051,509	17,500,000	11,448,491	16,271,441	0.89	14,501,378
2012/13	30,500	1,333,050	1,363,550	15,500,000	14,136,450	15,469,500	0.86	13,353,345
Total	\$171,196,553	\$41,755,600	\$212,952,153	\$255,644,158	\$42,692,005	\$84,447,605		\$76,912,889

(2), (3) and (4) are net of specific self insured retention and aggregate retention.

(5) is from Exhibit OL-9.

(8) is based on a 3.6% interest rate and the payout pattern in Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-12

Projected Losses Paid December 1, 2013 to November 30, 2014

Claim Period (1)	Months of Development 11/30/13 (2)	Percent Losses Paid (3)	Months of Development 11/30/14 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/13 to 11/30/14 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/13 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/14 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/14 (9)X(10) (11)
to 1993/94	240.0	100.0%	252.0	100.0%	100.0%	\$11,404	\$11,404	\$0	1.00	\$0
1994/95	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	168.0	99.5%	180.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	156.0	99.0%	168.0	99.5%	49.9%	1,100	549	551	0.98	541
2001/02	144.0	98.5%	156.0	99.0%	33.2%	385,057	127,713	257,344	0.97	248,429
2002/03	132.0	97.5%	144.0	98.5%	39.6%	115,649	109,221	6,428	0.95	6,098
2003/04	120.0	96.1%	132.0	97.5%	36.9%	504,651	186,428	318,223	0.94	299,811
2004/05	108.0	92.0%	120.0	96.1%	51.5%	15,316,562	7,883,264	7,433,298	0.94	6,960,508
2005/06	96.0	87.6%	108.0	92.0%	35.3%	3,307,490	1,166,227	2,141,263	0.94	2,022,036
2006/07	84.0	83.4%	96.0	87.6%	25.1%	2,041,378	513,185	1,528,193	0.94	1,431,196
2007/08	72.0	69.5%	84.0	83.4%	45.6%	10,586,352	4,826,548	5,759,804	0.92	5,320,421
2008/09	60.0	53.5%	72.0	69.5%	34.5%	3,673,763	1,266,417	2,407,346	0.93	2,246,150
2009/10	48.0	32.4%	60.0	53.5%	31.2%	7,595,980	2,366,972	5,229,008	0.93	4,856,882
2010/11	36.0	14.1%	48.0	32.4%	21.3%	9,167,278	1,954,423	7,212,855	0.92	6,659,843
2011/12	24.0	2.6%	36.0	14.1%	11.8%	16,271,441	1,914,410	14,357,031	0.91	13,074,863
2012/13	12.0	0.2%	24.0	2.6%	2.4%	15,469,500	374,258	15,095,242	0.89	13,453,130
2013/14	0.0	0.0%	12.0	0.2%	0.2%	16,628,000	36,491	16,591,509	0.86	14,321,868
Total						\$101,075,605	\$22,737,510	\$78,338,095		\$70,901,776

(3) and (5) are from Exhibit OL-2.

(7) to 2012/13 is from Exhibit OL-11. The amount for 2013/14 is from Exhibit OL-10.

(8) includes \$105,000 for the structured settlement on claim 97006022.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-13

Projected Losses Paid December 1, 2014 to November 30, 2015

Claim Period (1)	Months of Development 11/30/14 (2)	Percent Losses Paid (3)	Months of Development 11/30/15 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/14 to 11/30/15 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/14 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/15 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/15 (9)X(10) (11)
to 1993/94	252.0	100.0%	264.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	168.0	99.5%	180.0	100.0%	100.0%	551	551	0	1.00	0
2001/02	156.0	99.0%	168.0	99.5%	49.9%	257,344	128,351	128,993	0.98	126,732
2002/03	144.0	98.5%	156.0	99.0%	33.2%	6,428	2,132	4,296	0.97	4,147
2003/04	132.0	97.5%	144.0	98.5%	39.6%	318,223	126,149	192,074	0.95	182,204
2004/05	120.0	96.1%	132.0	97.5%	36.9%	7,433,298	2,746,004	4,687,294	0.94	4,416,091
2005/06	108.0	92.0%	120.0	96.1%	51.5%	2,141,263	1,102,084	1,039,179	0.94	973,083
2006/07	96.0	87.6%	108.0	92.0%	35.3%	1,528,193	538,844	989,349	0.94	934,261
2007/08	84.0	83.4%	96.0	87.6%	25.1%	5,759,804	1,447,964	4,311,840	0.94	4,038,159
2008/09	72.0	69.5%	84.0	83.4%	45.6%	2,407,346	1,097,561	1,309,785	0.92	1,209,869
2009/10	60.0	53.5%	72.0	69.5%	34.5%	5,229,008	1,802,540	3,426,468	0.93	3,197,031
2010/11	48.0	32.4%	60.0	53.5%	31.2%	7,212,855	2,247,587	4,965,268	0.93	4,611,912
2011/12	36.0	14.1%	48.0	32.4%	21.3%	14,357,031	3,060,856	11,296,175	0.92	10,430,094
2012/13	24.0	2.6%	36.0	14.1%	11.8%	15,095,242	1,776,025	13,319,217	0.91	12,129,732
2013/14	12.0	0.2%	24.0	2.6%	2.4%	16,591,509	401,403	16,190,106	0.89	14,428,891
2014/15	0.0	0.0%	12.0	0.2%	0.2%	17,459,000	38,315	17,420,685	0.86	15,037,617
Total						\$95,797,095	\$16,516,366	\$79,280,729		\$71,719,823

(3) and (5) are from Exhibit OL-2.

(7) to 2013/14 is from Exhibit OL-12, (9). The amount for 2014/15 is from Exhibit OL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-14

Projected Losses Paid December 1, 2015 to November 30, 2016

Claim Period (1)	Months of Development 11/30/15 (2)	Percent Losses Paid (3)	Months of Development 11/30/16 (4)	Percent Losses Paid (5)	Percent Outstanding Losses Paid 12/1/15 to 11/30/16 [(5)-(3)]/ [100.0%-(3)] (6)	Estimated Outstanding Losses 11/30/15 (7)	Projected Losses Paid (6)X(7) (8)	Estimated Outstanding Losses 11/30/16 (7)-(8) (9)	Present Value Factor (10)	Present Value of Estimated Outstanding Losses 11/30/16 (9)X(10) (11)
to 1993/94	264.0	100.0%	276.0	100.0%	100.0%	\$0	\$0	\$0	1.00	\$0
1994/95	252.0	100.0%	264.0	100.0%	100.0%	0	0	0	1.00	0
1995/96	240.0	100.0%	252.0	100.0%	100.0%	0	0	0	1.00	0
1996/97	228.0	100.0%	240.0	100.0%	100.0%	0	0	0	1.00	0
1997/98	216.0	100.0%	228.0	100.0%	100.0%	0	0	0	1.00	0
1998/99	204.0	100.0%	216.0	100.0%	100.0%	0	0	0	1.00	0
1999/00	192.0	100.0%	204.0	100.0%	100.0%	0	0	0	1.00	0
2000/01	180.0	100.0%	192.0	100.0%	100.0%	0	0	0	1.00	0
2001/02	168.0	99.5%	180.0	100.0%	100.0%	128,993	128,993	0	1.00	0
2002/03	156.0	99.0%	168.0	99.5%	49.9%	4,296	2,143	2,153	0.98	2,115
2003/04	144.0	98.5%	156.0	99.0%	33.2%	192,074	63,706	128,368	0.97	123,921
2004/05	132.0	97.5%	144.0	98.5%	39.6%	4,687,294	1,858,129	2,829,165	0.95	2,683,791
2005/06	120.0	96.1%	132.0	97.5%	36.9%	1,039,179	383,893	655,286	0.94	617,372
2006/07	108.0	92.0%	120.0	96.1%	51.5%	989,349	509,207	480,142	0.94	449,603
2007/08	96.0	87.6%	108.0	92.0%	35.3%	4,311,840	1,520,362	2,791,478	0.94	2,636,046
2008/09	84.0	83.4%	96.0	87.6%	25.1%	1,309,785	329,268	980,517	0.94	918,282
2009/10	72.0	69.5%	84.0	83.4%	45.6%	3,426,468	1,562,201	1,864,267	0.92	1,722,052
2010/11	60.0	53.5%	72.0	69.5%	34.5%	4,965,268	1,711,624	3,253,644	0.93	3,035,780
2011/12	48.0	32.4%	60.0	53.5%	31.2%	11,296,175	3,519,984	7,776,191	0.93	7,222,794
2012/13	36.0	14.1%	48.0	32.4%	21.3%	13,319,217	2,839,598	10,479,619	0.92	9,676,143
2013/14	24.0	2.6%	36.0	14.1%	11.8%	16,190,106	1,904,841	14,285,265	0.91	13,009,506
2014/15	12.0	0.2%	24.0	2.6%	2.4%	17,420,685	421,464	16,999,221	0.89	15,149,988
2015/16	0.0	0.0%	12.0	0.2%	0.2%	18,332,000	40,231	18,291,769	0.86	15,789,540
Total						\$97,612,729	\$16,795,644	\$80,817,085		\$73,036,933

(3) and (5) are from Exhibit OL-2.

(7) to 2014/15 is from Exhibit OL-13, (9). The amount for 2015/16 is from Exhibit OL-10.

(10) is based on a 3.6% interest rate and the payout pattern in Exhibit OL-2.



COOK COUNTY, ILLINOIS
OTHER LIABILITY

Exhibit OL-15

List of Large Claims
Reported Incurred Losses Greater Than \$1,000,000

Claim Number (1)	Date of Loss (2)	Claim Period (3)	Specific Self-Insured Retention (4)	Unlimited Paid Losses 11/30/13 (5)	Unlimited Case Reserves 11/30/13 (6)	Unlimited Reported Incurred Losses 11/30/13 (7)
97001561	5/13/1978	to 1993/94	Unlimited	\$4,000,000	\$0	\$4,000,000
97002759	1/1/1989	to 1993/94	Unlimited	1,898,909	0	1,898,909
97006027	3/11/2001	2000/01	9,500,000	1,003,000	0	1,003,000
97004984	2/12/2002	2001/02	9,500,000	2,755,053	0	2,755,053
97005940	1/1/2004	2003/04	10,000,000	4,377,358	0	4,377,358
97005996	1/13/2004	2003/04	45,334,001	45,334,001 *	0	45,334,001 *
97005005	4/29/2004	2003/04	10,000,000	5,291,386	0	5,291,386
97006613	6/5/2005	2004/05	5,000,000	0	5,000,000 *	5,000,000 *
97006619	7/12/2005	2004/05	10,000,000	1,240,707	0	1,240,707
97006656	9/27/2005	2004/05	10,000,000	0	10,000,000 *	10,000,000 *
97007512	1/1/2006	2005/06	10,000,000	0	2,500,000	2,500,000
97007544	1/1/2007	2006/07	10,000,000	2,600,000	0	2,600,000
97006870	9/1/2007	2006/07	10,000,000	1,600,000	0	1,600,000
97007633	1/20/2008	2007/08	10,000,000	0	3,000,000	3,000,000
97007415	6/9/2008	2007/08	10,000,000	0	1,500,000	1,500,000
97008693	8/1/2008	2007/08	10,000,000	0	1,750,000	1,750,000
97007489	8/29/2008	2007/08	10,000,000	4,100,000	0	4,100,000
97008215	9/28/2008	2007/08	10,000,000	0	1,000,000	1,000,000

The claim(s) indicated by a "*" have been limited in development.

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