

Actuarial Review of the Self-Insured Workers' Compensation Program

Outstanding Liabilities as of June 30, 2015

Presented to
Novato Fire Protection District

August 18, 2015



Tuesday, August 18, 2015

Mr. Dan Hom Finance Director Novato Fire Protection District 95 Rowland Way Novato, California 94945

Re: Actuarial Review of the Self-Insured Workers' Compensation Program

Dear Mr. Hom:

As you requested, we have completed our review of Novato Fire Protection District's self-insured workers' compensation program. It is our understanding that, effective July 1, 2014, Novato Fire Protection District joined the Fire Agencies Self Insurance System. The report that follows is an estimate of the program's liability for outstanding claims with dates of loss prior to July 1, 2014. We estimate the program's liability for outstanding claims to be \$2,958,000, which includes allocated loss adjustment expenses (ALAE), unallocated loss adjustment expenses (ULAE) and a discount for anticipated investment income. ALAE is the direct cost associated with the defense of individual claims (e.g. legal fees, investigation fees, court charges). ULAE is the cost to administer all claims to final settlement, which may be years into the future (e.g. claims adjusters' salaries, taxes). The discount for investment income is calculated based on the likely payout pattern of the District's claims, assuming a 2.5% return on investments per year

The \$2,958,000 estimate is the minimum liability to be booked by the District at June 30, 2015 for its workers' compensation program, in accordance with Governmental Accounting Standards Board (GASB) Statement #10. GASB #10 requires the District to accrue a liability on its financial statements for the ultimate cost of claims and expenses associated with all reported and unreported claims, including ALAE and ULAE. GASB #10 does not prohibit the discounting of losses to recognize investment income.

Our conclusions regarding the District's liability for unpaid loss and loss adjustment expenses (LAE) at June 30, 2015 are summarized in the table below.

Novato Fire Protection District Self-Insured Workers' Compensation Program Estimated Liability for Unpaid Loss and LAE at June 30, 2015

Claims with Dates of Loss Prior to July 1, 2014

	, ,						
		Marginally	Recommended Range				
	Expected	Acceptable 70% CL	Low 75% CL	Target 80% CL	High 85% CL	Conservative 90% CL	
Loss and ALAE	\$3,286,000						
ULAE	254,000						
Investment Income Offset	(582,000)						
Discounted Loss and LAE	\$2,958,000	\$3,372,000	\$3,558,000	\$3,780,000	\$4,052,000	\$4,416,000	

GASB #10 does not address an actual asset requirement for the program, but only speaks to the liability to be recorded on the District's financial statements.

Because actuarial estimates of claims costs are subject to some uncertainty, we recommend that an amount in addition to the discounted expected loss costs be set aside as a risk margin for contingencies. Generally, the amount should be sufficient to fund assets to the 75% to 85% confidence level for primary programs. We consider funding assets to the 70% confidence level to be marginally acceptable and funding assets to the 90% confidence level to be conservative.

The loss projections in this report reflect the estimated impact of benefit legislation contained in AB749, AB227, SB228, SB899, SB863, and recent WCAB court decisions based upon information provided by the WCIRB.

The ultimate impact on loss costs of legislated benefit adjustments are generally difficult to forecast in advance because the changes typically take place over a period of several years following enactment. Furthermore, actuarially derived benefit level evaluations often underestimate actual future cost levels. The shortfalls result from a variety of circumstances, including: increases in utilization levels, unanticipated changes in administrative procedures, and cost shifting among benefit categories. Thus, actual cost increases could differ, perhaps substantially, from the WCIRB's estimates.

The report that follows outlines the scope of our study, its background, and our conclusions, recommendations, and assumptions. Judgments regarding the appropriateness of our conclusions and recommendations should be made only after studying the report in its entirety, including the graphs, attachments, exhibits and appendices. Our report has been developed for the District's internal use. It is not intended for general circulation.

We appreciate the opportunity to be of service to Novato Fire Protection District in preparing this report. Please feel free to call Becky Richard at (916) 244-1183 or Mike Harrington at (916) 244-1162 with any questions you may have concerning this report.

Sincerely,

Bickmore

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I. BACKGROUND

Novato Fire Protection District began its self-insured workers' compensation program on July 1, 1987. It is our understanding that, effective July 1, 2014, the District joined the Fire Agencies Self Insurance System and the self-insured workers' compensation program is now in run-off. Claims administration services are provided by Athens. Additional background on the program is given in Appendix K.

The purpose of this review is to provide a guide to the District to determine reasonable funding levels for its self-insurance program according to the funding policy the District has adopted and to comply with Governmental Accounting Standards Board Statements #10 and #30. The specific objectives of the study are to estimate the District's liability for outstanding claims as of June 30, 2015.

II. CONCLUSIONS AND RECOMMENDATIONS

A. LIABILITY FOR OUTSTANDING CLAIMS

Graph 1 on the following page summarizes our assessment of the District's funding position as of June 30, 2015. The dark-colored bars indicate our estimates of the program's liability for outstanding claims before recognition of the investment income that can be earned on the assets held before the claim payments come due.

Our best estimate of the full value of the District's liability for outstanding claims within its self-insured retention (SIR) is \$3,540,000 as of June 30, 2015. This amount includes losses, allocated loss adjustment expenses (ALAE), and unallocated loss adjustment expenses (ULAE). ALAE is the direct cost associated with the defense of individual claims (e.g. legal fees, investigation fees, court charges). ULAE is the cost to administer claims to final settlement, which may be years in the future (e.g. claims adjusters' salaries, taxes).

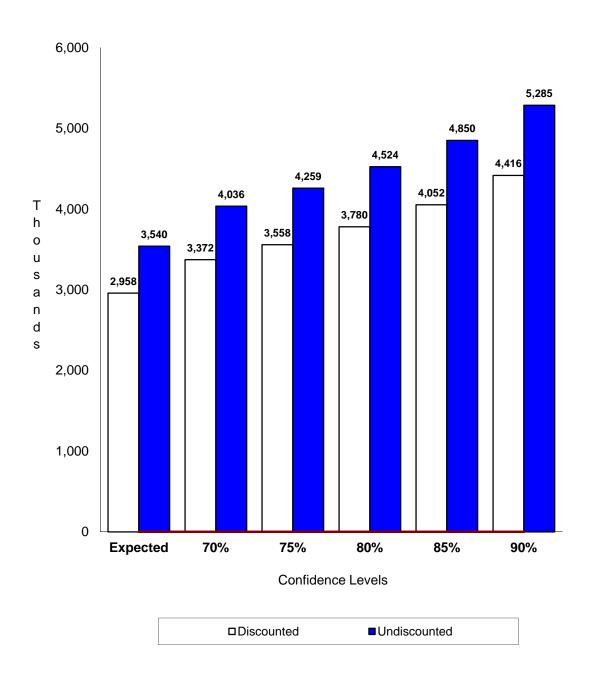
There is some measure of uncertainty associated with our best estimate because of the random nature of much of the process that determines ultimate claims costs. For this reason, we generally recommend that a program such as this include some funding margin for the possibility that actual loss costs will be greater than the best estimate. We generally measure the amount of this margin by thinking in terms of the probability distribution of actual possible results around our best estimate. As the margin grows, the probability that the corresponding funding amount will be sufficient to meet actual claim liabilities increases. We typically refer to this probability as the "confidence level" of funding. Graph 1 shows the liabilities for outstanding claims at several confidence levels that are typically of interest to risk managers in formulating funding policies for self-insurance programs.

The District can earn investment income on the assets it holds until claims payments come due. Assuming a long-term average annual return on investments of 2.5%, we estimate the impact of investment income earnings to be about 16% if the program is funded within the range indicated in the graphs, resulting in a discounted liability for outstanding claims of \$2,958,000 as of June 30, 2015.

Investment income earnings will be less than this when the program does not maintain sufficient funding, and more when there is excess funding. Thus, thinking in terms of liabilities discounted for investment income can actually mask funding deficiencies and redundancies that might otherwise be obvious. However, the discounted liabilities do represent legitimate funding targets. The light-colored bars on Graph 1 shows our estimates of the District's discounted liability for outstanding claims.

Graph 1

Novato Fire Protection District -Workers' Compensation Outstanding Liability (\$000's) at June 30, 2015



The table below displays a breakdown of the program's outstanding loss and LAE liabilities into case reserves and incurred but not reported (IBNR) reserves at June 30, 2015, before recognition of investment income.

Novato Fire Protection District Self-Insured Workers' Compensation Program Estimated Liability for Unpaid Loss and LAE at June 30, 2015

			,
Year	Case Reserves	IBNR Reserves	Total Outstanding
			_
Prior	\$8,664	\$1,869	\$10,533
1995-96	12,372	1,614	13,986
1996-97	50,556	8,183	58,739
1997-98	14,491	8,136	22,627
1998-99	5,553	22,182	27,735
1999-00	27,498	13,236	40,734
2000-01	5,018	22,312	27,330
2001-02	26,459	54,807	81,266
2002-03	20,062	13,909	33,971
2003-04	217,663	22,841	240,504
2004-05	46,904	22,480	69,384
2005-06	18,153	37,543	55,696
2006-07	0	0	0
2007-08	0	0	0
2008-09	205,430	106,301	311,731
2009-10	128,784	253,994	382,778
2010-11	68,923	290,577	359,500
2011-12	159,748	273,771	433,519
2012-13	81,937	400,831	482,768
2013-14	64,549	568,472	633,021
2014-15	0	0	0
Loss and ALAE	\$1,162,764	\$2,123,058	\$3,285,822
ULAE		254,299	254,299
Total	\$1,162,764	\$2,377,357	\$3,540,121

B. PROGRAM FUNDING: GOALS AND OBJECTIVES

As self-insurance programs have proliferated among public entities, it has become apparent that there is a large measure of inconsistency in the way in which these programs recognize and account for their claims costs. This is the result of the fact that there have been several different sources of guidance available, none of which has been completely relevant to public entity self-insurance programs.

According to the Governmental Accounting Standards Board (GASB), the most relevant source of guidance on the subject is Financial Accounting Standards Board Statement #60. A liability for unpaid claim costs, including all loss adjustment expenses, should be accrued at the time the self-insured events occur. This liability should include an allowance for incurred but not reported claims. It may be discounted for investment income at an appropriate rate of return, provided the discounting is disclosed. The regulations detailing the way in which this must be done are outlined in GASB's statements #10 and #30. These regulations are required to be applied by the District.

GASB #10 and #30 do not address asset requirements. They do, however, allow a range of amounts to be recognized for accounting purposes; specifically, GASB #10 and #30 allow recognition of a risk margin for unexpectedly adverse loss experience. Thus, for accounting purposes, it is possible to formulate a funding policy from a range of alternatives. The uncertainty in any estimate of the program's liability for outstanding claims should be taken into consideration in determining funding policy, but it may be offset by recognizing anticipated investment income earnings. This usually means developing a funding program based on discounted claims costs with some risk margin for unexpected adverse loss experience.

The amount of the risk margin should be a question of long-term funding policy. We recommend that the risk margin be determined by thinking in terms of the probability that a given level of assets will prove to be adequate. For example, a reasonable goal might be to maintain assets at the 85% confidence level.

A key factor to consider in determining funding policy is the degree to which stability is required in the level of contributions to the program from year to year. If you elect to maintain assets at a low confidence level, the chances are much greater that future events will prove that additional contributions should have been made for old claims. The additional contributions for old claims may be required at the same time that costs are increasing dramatically on new claims. The burden of funding for increases on past years as well as on current years, may well be prohibitive.

We generally recommend maintaining program assets at the 80% confidence level, after recognition of investment income, with a recommended range of the 75% to 85% confidence levels. We tend to think of the 70% confidence level as marginally acceptable and of the 90% confidence level as conservative. We recommend the 75% to 85% confidence level range because the probabilities are reasonably high that resulting assets will be sufficient to meet claim liabilities, yet the required risk margins are not so large that they will cause most self-insured entities to experience undue financial hardship. In addition, within this range, anticipated investment income generally offsets the required risk margin for the most part, which means that assets are likely sufficient on an undiscounted basis.

We also strongly believe, however, that the confidence level to which any future year is funded should be evaluated in light of the relative certainty of the assumptions underlying the actuarial analysis, the District's other budgetary constraints, and the relative level of risk it is believed appropriate to assume. This means formulating both short and long-term funding goals, which may be the same in some years, but different in others.

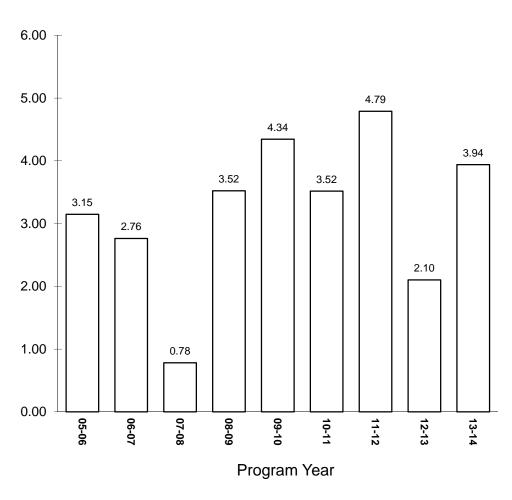
In general, we recommend that you fund each year's claims costs in that year. When surpluses or deficits have developed on outstanding liabilities and funding adjustments are necessary, they should be clearly identified as such so that the habit of funding each year's claims costs that year is maintained. We also recommend that you reduce a surplus more slowly than you would accumulate funding to reduce a deficit.

C. HISTORICAL TRENDS IN THE SELF-INSURANCE PROGRAM

The loss rate (based on losses limited to \$100,000 per occurrence) has varied over the last nine years, ranging from a high of \$4.79 per \$100 of payroll for the 2011-12 program year, to a low of \$0.78 per \$100 of payroll for the 2007-08 program year. See graph below.

Graph 2

Novato Fire Protection District -Workers' Compensation Dollars of Loss per \$100 of Payroll

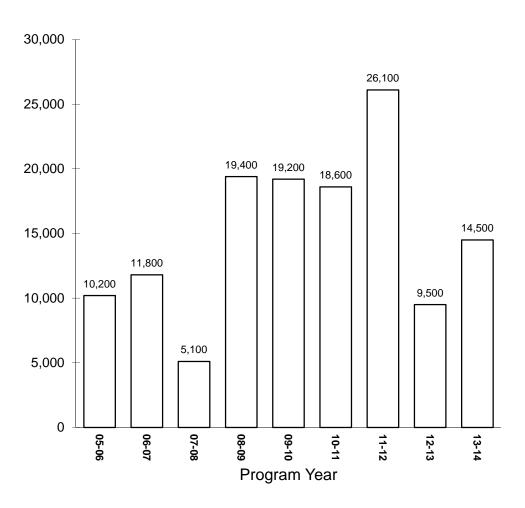


□Loss Rate

The average dollars of loss per claim (based on losses limited to \$100,000 per occurrence) has also varied over the last nine years, ranging from a high of \$26,100 per claim for the 2011-12 program year to a low of \$5,100 per claim for the 2007-08 program year. See graph below.

Graph 3

Novato Fire Protection District -Workers' Compensation Dollars of Loss per Claim

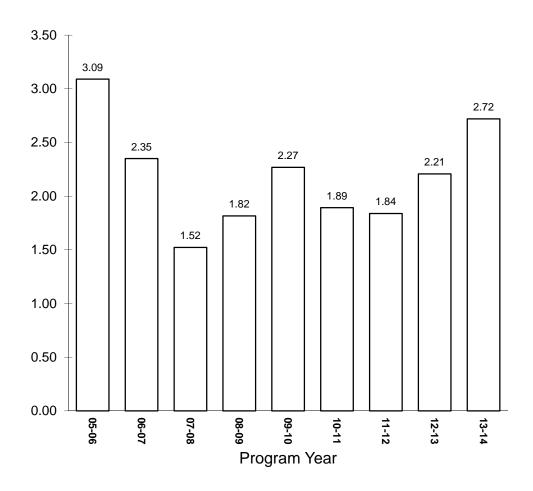


□Claim Severity

The frequency has followed an increasing trend from the 2007-08 program year to the 2013-14 program year. See graph below.

Graph 4

Novato Fire Protection District -Workers' Compensation Number of Claims per \$1 Million of Payroll



□Claim Frequency

D. COMPARISON WITH PREVIOUS RESULTS

The prior report for Novato Fire Protection District was dated September 17, 2014. In the table below we display actual versus expected development of incurred losses and ALAE by accident year between the 6/30/14 evaluation date of the prior report and the 6/30/15 evaluation date of the current report.

Actual Versus Expected Incurred Loss and ALAE Development

Accident Year	Expected Incurred Development	Actual Incurred Development	Actual Minus Expected
Prior	\$2,000	\$5,232	\$3,232
1995-96	0	0	0
1996-97	2,000	0	(2,000)
1997-98	3,000	1,000	(2,000)
1998-99	7,000	0	(7,000)
1999-00	4,000	18,061	14,061
2000-01	5,000	0	(5,000)
2001-02	14,000	0	(14,000)
2002-03	6,000	0	(6,000)
2003-04	9,000	0	(9,000)
2004-05	3,000	0	(3,000)
2005-06	11,000	0	(11,000)
2006-07	13,000	(257,520)	(270,520)
2007-08	7,000	0	(7,000)
2008-09	20,000	13,895	(6,105)
2009-10	38,000	21,695	(16,305)
2010-11	55,000	(9,170)	(64,170)
2011-12	63,000	29,269	(33,731)
2012-13	111,000	25,849	(85,151)
2013-14	190,000	110,597	(79,403)
Total	\$563,000	(\$41,092)	(\$604,092)

As shown, actual incurred development was less than anticipated since the prior report. Based on the assumptions from the prior report, it was expected that incurred losses would increase by \$563,000 between the two evaluation dates. However, actual development was approximately (\$41,000); or about \$604,000 less than expected. Nearly all program years experienced less than anticipated incurred development since our prior report.

In the table below we display actual versus expected development of paid losses and ALAE by accident year between the 6/30/14 evaluation date of the prior report and the 6/30/15 evaluation date of the current report.

Actual Versus Expected Paid Loss and ALAE Development

Accident Year	Expected Paid Development	Actual Paid Development	Actual Minus Expected
Prior	\$11,000	\$35,863	\$24,863
1995-96	3,000	7,490	4,490
1996-97	7,000	1,360	(5,640)
1997-98	2,000	22	(1,978)
1998-99	3,000	22	(2,978)
1999-00	2,000	363	(1,637)
2000-01	3,000	22	(2,978)
2001-02	13,000	209	(12,791)
2002-03	11,000	22	(10,978)
2003-04	36,000	56,627	20,627
2004-05	7,000	194	(6,806)
2005-06	9,000	78	(8,922)
2006-07	44,000	462	(43,538)
2007-08	6,000	0	(6,000)
2008-09	47,000	49,688	2,688
2009-10	47,000	11,872	(35,128)
2010-11	43,000	31,703	(11,297)
2011-12	59,000	69,157	10,157
2012-13	65,000	70,429	5,429
2013-14	159,000	106,913	(52,087)
Total	\$577,000	\$442,496	(\$134,504)

As shown, actual paid development was less than anticipated since the prior report. Based on the assumptions from the prior report, it was expected that paid losses would increase by \$577,000 between the two evaluation dates. However, actual development was approximately \$442,000; or about \$135,000 less than expected.

In the table below we display the change in our estimates of the program's ultimate losses and ALAE by accident year since our prior report.

Change in Ultimate Loss and ALAE

Accident Year	Prior Report	Current Report	Change In Ultimate
Prior	\$2,171,000	\$2,172,000	\$1,000
1995-96	121,000	121,000	0
1996-97	603,000	601,000	(2,000)
1997-98	461,000	460,000	(1,000)
1998-99	968,000	961,000	(7,000)
1999-00	430,000	445,000	15,000
2000-01	580,000	575,000	(5,000)
2001-02	1,140,000	1,127,000	(13,000)
2002-03	196,000	191,000	(5,000)
2003-04	2,034,000	2,005,000	(29,000)
2004-05	216,000	221,000	5,000
2005-06	329,000	301,000	(28,000)
2006-07	830,000	492,982	(337,018)
2007-08	135,000	92,328	(42,672)
2008-09	742,000	731,000	(11,000)
2009-10	918,000	934,000	16,000
2010-11	827,000	817,000	(10,000)
2011-12	894,000	855,000	(39,000)
2012-13	698,000	632,000	(66,000)
2013-14	976,000	872,000	(104,000)
Total	\$15,269,000	\$14,606,310	(\$662,690)

As shown, overall we have decreased our estimated ultimates by \$663,000 since our prior report. These changes track well with the changes in the tables above.

At the time of the prior report, we estimated the liability for outstanding claims as of June 30, 2014 to be \$3,924,000 at the discounted, expected level. Our current estimate as of June 30, 2015, is \$2,958,000, a decrease in our assessment of the District's outstanding liabilities, as shown below:

Outstanding Claim Liabilities for Loss and LAE

J	Prior Report at June 30, 2014	Current Report at June 30, 2015	Change
(A) Case Reserves:	\$1,646,000	\$1,163,000	(\$483,000)
(B) IBNR Reserves:	2,745,000	2,123,000	(622,000)
(C) Claims Administration Reserves:	330,000	254,000	(76,000)
(D) Total Reserves:	\$4,721,000	\$3,540,000	(\$1,181,000)
(E) Offset for Investment Income:	(797,000)	(582,000)	215,000
(F) Total Outstanding Claim Liabilities:	\$3,924,000	\$2,958,000	(\$966,000)

As shown, our estimate of outstanding claims liabilities at the discounted, expected level has decreased between June 30, 2014 and June 30, 2015 as reflected in our prior and current reports respectively.

The decrease in claim reserves (case and IBNR) is driven primarily by the paying down of claims that are in runoff. Reserves for future claims administration expenses have decreased, resulting in a \$1,181,000 decrease in total claim reserves. This decrease in reserves leads to a smaller offset for investment income. The net change due to the above factors is an overall decrease of \$966,000 in our estimate of outstanding claim liabilities for loss and LAE.

E. DATA PROVIDED FOR THE ANALYSIS

Overall, the data utilized in preparing this report appears to be accurate.

Comments and issues regarding the data are as follows:

- We estimated ULAE at 7.5% of outstanding loss as of June 30, 2015.
- We received loss data evaluated as of 6/30/15 (See Appendix K). We also utilized the data from the District's most recent actuarial study for our assessment of loss development.

The data provided for the analysis appears to be reasonable for use in this actuarial valuation of liabilities and projection of loss costs.

III. ASSUMPTIONS AND LIMITATIONS

Any quantitative analysis is developed within a very specific framework of assumptions about conditions in the outside world, and actuarial analysis is no exception. We believe that it is important to review the assumptions we have made in developing the estimates presented in this report. By doing so, we hope you will gain additional perspective on the nature of the uncertainties involved in maintaining a self-insurance program. Our assumptions, and some observations about them, are as follows:

- Our analysis is based on loss experience, exposure data, and other general and specific information provided to us by the District. We have accepted all of this information without audit.
- We have also made use of loss statistics that have been developed from the information gathered and compiled from other public entities workers' compensation program.
- We have assumed that the future development of incurred and paid losses can be reasonably predicted on the basis of development of such losses in the recent past. We have also assumed that the historical development patterns for other California public entities workers' compensation program in the aggregate form a reasonable basis of comparison to the patterns from Novato Fire Protection District's data.
- We have made use of cost relationships for claims of various sizes derived from the most recent actuarial review of other California public entities workers' compensation program.
- We have assumed that there is a continuing relationship between past and future loss costs.
- It is not possible to predict future claim costs precisely. Most of the costs of workers' compensation claims arise from a small number of incidents involving serious injury. A relatively small number of such claims could generate enough loss dollars to significantly reduce, or even deplete, the self-insurance fund.
- We cannot predict and have not attempted to predict the impact of future law changes and court rulings on claims costs. This is one major reason why we believe our funding recommendations are reasonable now, but should not be extrapolated into the future.
- The changes in cost levels associated with benefit increases and administrative changes typically take place over a period of several years following their enactment, and these changes are very difficult to forecast in advance. We have based our benefit level factors on those produced by the Workers' Compensation Insurance Rating Bureau of California (WCIRB). See Appendix E for a display of the benefit level cost indices by fiscal year.

- We have assumed that the loss rate trend associated with claim costs increases at 0.5% per year. We have assumed that claim severity increases at 2.5% per year, and that claim frequency decreases at 2.0% per year.
- We have assumed that payroll and other inflation-sensitive exposure measures increase 2.5% annually due to inflation.
- We have assumed that assets held for investment will generate an average annual return of 2.5% over the duration of payment of the loss liabilities. It should be noted that actual future investment returns may vary significantly from this assumption, depending upon the prevailing investment market conditions.
- The claims costs we have estimated include indemnity and medical payments, and all loss adjustment expenses. We have not included estimates for excess insurance contributions and other expenses associated with the program based upon information provided by the District.
- Our funding recommendations do not include provisions for catastrophic events not in the District's history, such as earthquakes, flooding, mass civil disorder, or mass occupational disease.
- Our estimates assume that all excess insurance is valid and collectible. Further, our funding recommendations do not include a provision for losses greater than the District's excess coverage.

IV. GLOSSARY OF ACTUARIAL TERMS

Accident Year - Year during which the accidents that generate a group of claims occurs, regardless of when the claims are reported, payments are made, or reserves are established.

Allocated Loss Adjustment Expenses (ALAE) - Expense incurred in settling claims that can be directly attributed to specific individual claims (e.g., legal fees, investigative fees, court charges, etc.)

Benefit Level Factor - Factor used to adjust historical losses to the current level of workers' compensation benefits.

Case Reserve - The amount left to be paid on a claim, as estimated by the claims administrator.

Claim Count Development Factor - A factor that is applied to the number of claims reported in a particular accident period in order to estimate the number of claims that will ultimately be reported.

Claim Frequency - Number of claims per \$1 million of payroll.

Confidence Level - An estimated probability that a given level of funding will be adequate to pay actual claims costs. For example, the 85% confidence level refers to an estimate for which there is an 85% chance that the amount will be sufficient to pay loss costs.

Discount Factor - A factor to adjust estimated loss costs to reflect anticipated investment income from assets held prior to actual claim payout.

Expected Losses - The best estimate of the full, ultimate value of loss costs.

Incurred but not Reported (IBNR) Losses - Losses for which the accident has occurred but the claim has not yet been reported. This is the ultimate value of losses, less any amount that has been set up as reported losses by the claims adjuster. It includes both amounts for claims incurred but not yet received by the administrator and loss development on already reported claims.

Loss Development Factor - A factor applied to losses for a particular accident period to reflect the fact that reported and paid losses do not reflect final values until all claims are settled (see Section IV).

Loss Rate - Ultimate losses per \$100 of payroll.

Non-Claims Related Expenses – Program expenses not directly associated with claims settlement and administration, such as excess insurance, safety program expenses, and general overhead. These exclude expenses associated with loss settlements (Indemnity/Medical, BI/PD), legal expenses associated with individual claims (ALAE), and claims administration (ULAE).

Outstanding Losses - Losses that have been incurred but not paid. This is the ultimate value of losses less any amount that has been paid.

Paid Losses - Losses actually paid on all reported claims.

Program Losses - Losses, including ALAE, limited to the SIR for each occurrence.

Reported Losses - The total expected value of losses as estimated by the claims administrator. This is the sum of paid losses and case reserves.

Self-Insured Retention (SIR) - The level at which an excess insurance policy is triggered to begin payments on a claim. Financially, this is similar to an insurance deductible.

Severity - Average claim cost.

Ultimate Losses - The value of claim costs at the time when all claims have been settled. This amount must be estimated until all claims are actually settled.

Unallocated Loss Adjustment Expenses (ULAE) – Claim settlement expenses that cannot be directly attributed to individual claims (e.g., claims adjusters' salaries, taxes, etc.)

Funding Guidelines for Outstanding Liabilities at June 30, 2015

(A)	Estimated Ultimate Losses Incurred through 6/30/15: (From Appendix F)			\$14,606,000		
(B)	Estimated Paid Losses through 6/30/15: (From Appendix F)			11,320,000		
(C)	Estimated Liability for Claims Outstanding at 6/30/15: (From Appendix F)	\$3,286,000				
(D)	Estimated Liability for Outstanding Claims Administration Fees at 6/30/15: (From Not Included)			254,000		
(E)	Total Outstanding Liability for Claims at 6/30/15: ((C) + (D))	\$3,540,000				
(F)	Reserve Discount Factor (Based on a Discount Rat (Appendix H, Page 1, (G))	te of 2.5%.)		0.835		
(G)	Discounted Outstanding Liability for Claims at 6/30/15: ((E) x (F))			\$2,958,000		
		Marginally				0 "
	Confidence Level of Adequacy:	Acceptable 70%	75%	Recommended 80%	85%	Conservative 90%
(H)	Confidence Level Factor: (From Appendix I)	1.140	1.203	1.278	1.370	1.493
(1)	Margin for Adverse Experience: ((G) x [(H) - 1])	414,000	600,000	822,000	1,094,000	1,458,000
(J)	Total Required Available Funding at 6/30/15: ((G) + (I))	\$3,372,000	\$3,558,000	\$3,780,000	\$4,052,000	\$4,416,000

IBNR as of 6/30/16 at Expected Claims Level

				Estimated		
				Percent of		
				IBNR		
			Estimated	Reported		Estimated
			IBNR	Between	Estimated	IBNR
Accident	Estimated	Reported	as of	7/1/15 and	IBNR	as of
Year	Ultimate	as of 6/30/15	6/30/15	6/30/16	Reported	6/30/16
	(A)	(B)	(C)	(D)	(E)	(F)
Prior	\$2,172,000	\$2,170,131	\$1,869	42.7%	\$1,000	\$869
1995-1996	121,000	119,386	1,614	29.8%	0	1,614
1996-1997	601,000	592,817	8,183	22.8%	2,000	6,183
1997-1998	460,000	451,864	8,136	23.2%	2,000	6,136
1998-1999	961,000	938,818	22,182	28.7%	6,000	16,182
1999-2000	445,000	431,764	13,236	22.1%	3,000	10,236
2000-2001	575,000	552,688	22,312	21.8%	5,000	17,312
2001-2002	1,127,000	1,072,193	54,807	20.7%	11,000	43,807
2002-2003	191,000	177,091	13,909	32.1%	4,000	9,909
2003-2004	2,005,000	1,982,159	22,841	16.0%	4,000	18,841
2004-2005	221,000	198,520	22,480	17.5%	4,000	18,480
2005-2006	301,000	263,457	37,543	17.1%	6,000	31,543
2006-2007	492,982	492,982	0	15.3%	0	0
2007-2008	92,328	92,328	0	15.8%	0	0
2008-2009	731,000	624,699	106,301	14.8%	16,000	90,301
2009-2010	934,000	680,006	253,994	14.6%	37,000	216,994
2010-2011	817,000	526,423	290,577	14.1%	41,000	249,577
2011-2012	855,000	581,229	273,771	18.3%	50,000	223,771
2012-2013	632,000	231,169	400,831	17.8%	71,000	329,831
2013-2014	872,000	303,528	568,472	23.0%	131,000	437,472
2014-2015	0		0	46.0%	0	0
Totals	\$14,606,310	\$12,483,252	\$2,123,058		\$394,000	\$1,729,058

Notes:

- (A) From Exhibit 3, Not Included.
- (B) Provided by the District. These losses exclude amounts incurred above the District's SIR for each year.
- (C) (A) (B).
- (D) Percentage of incurred but not reported (IBNR) expected to be reported between 7/1/15 and 6/30/16. The percentage is based on the development pattern selected in Appendix A.
- (E) ((A) (B)) x (D).
- (F) (A) (B) (E).

This exhibit shows the calculation of the amount of incurred but not reported losses we expect as of 6/30/16. This amount is dependent on both the strength of the case reserves and the average frequency and severity of the losses incurred.

Estimated Ultimate Program Losses

Accident Year	Reported Loss Development Method (A)	Paid Loss Development Method (B)	Exposure Method Based on Reported Losses (C)	Exposure Method Based on Paid Losses (D)	Frequency- Severity Method (E)	Selected Estimate of Ultimate Losses (F)
Prior	\$2,185,322	\$2,276,025	\$0	\$0	\$2,252,852	\$2,172,297
1995-1996	120,580	114,933			156,832	121,000
1996-1997	600,524	588,353			720,392	601,000
1997-1998	459,546	479,798			499,356	460,000
1998-1999	961,350	1,034,058			925,412	961,000
1999-2000	445,149	453,182			433,039	445,000
2000-2001	574,796	621,605			462,410	575,000
2001-2002	1,126,875	1,209,914			863,976	1,127,000
2002-2003	190,727	193,303			303,240	191,000
2003-2004	2,005,142	2,118,673			736,808	2,005,000
2004-2005	221,350	197,556			354,740	221,000
2005-2006	300,868	331,160	323,168	370,024	481,518	301,000
2006-2007	577,775	693,626	563,782	632,173	481,597	492,982
2007-2008	111,809	137,938	121,446	147,719	167,202	92,328
2008-2009	785,247	676,700	792,369	731,596	821,974	731,000
2009-2010	894,208	973,458	904,083	956,427	933,764	934,000
2010-2011	730,149	904,478	720,654	801,407	576,631	817,000
2011-2012	882,887	943,274	827,359	819,464	605,169	855,000
2012-2013	395,761	400,688	535,897	609,254	772,984	632,000
2013-2014	660,477	861,280	740,457	823,978	1,100,231	872,000
2014-2015						
Totals						\$14,606,607

Notes:

- (A) From Appendix A, Page 1, Column (G).
- (B) From Appendix B, Page 1, Column (G).
- (C) From Appendix C, Page 1, Column (G).
- (D) From Appendix C, Page 2, Column (G).
- (E) From Appendix D, Page 1, Column (C).
- (F) Selected averages of (A), (B), (C), (D), and (E).
- (G) From Exhibit 4, Page 1, Line .
- (H) From Exhibit 4, Page 1, Line .

This exhibit summarizes the results of the actuarial methods we have applied to estimate ultimate losses for each year. It is important to apply a number of estimation methods because each one relies on specific assumptions about the claims process that tend to hold generally true, but that may be violated in specific situations. Thus, the more estimation methods that can be applied, the better.

Estimated Ultimate Limited Losses Capped at \$100,000 per Claim

Accident Year	Reported Loss Development Method (A)	Paid Loss Development Method (B)	Exposure Method Based on Reported Losses (C)	Exposure Method Based on Paid Losses (D)	Frequency- Severity Method (E)	Selected Ultimate Limited Losses (F)
Prior	\$1,845,722	\$1,858,565	\$0	\$0	\$1,834,636	\$1,834,714
1995-1996	120,341	108,833			120,000	120,000
1996-1997	547,433	501,778			546,992	547,000
1997-1998	376,015	365,992			376,012	376,000
1998-1999	702,024	711,707			691,641	691,649
1999-2000	321,376	297,995			321,005	321,000
2000-2001	339,542	340,314			340,002	340,000
2001-2002	617,812	619,935			618,000	618,000
2002-2003	182,050	165,195			182,010	182,000
2003-2004	449,557	461,308			435,209	435,196
2004-2005	206,064	162,229			206,000	206,000
2005-2006	275,049	265,174	275,007	265,928	274,995	275,000
2006-2007	284,211	295,839	283,669	293,674	270,411	270,420
2007-2008	97,775	102,484	97,502	101,475	92,322	92,328
2008-2009	446,158	444,955	446,348	445,248	445,993	446,000
2009-2010	498,012	462,975	497,969	468,245	498,004	498,000
2010-2011	353,491	360,206	354,288	361,164	302,214	353,000
2011-2012	495,257	467,238	483,332	446,299	311,619	495,000
2012-2013	225,387	213,402	243,751	260,810	391,184	219,000
2013-2014	383,152	427,294	385,195	412,030	533,571	420,000
Totals						\$8,740,307

Notes:

- (A) From Appendix A, Page 1, Column (D).
- (B) From Appendix B, Page 1, Column (D).
- (C) Based on results in Appendix C, Page 1.
- (D) Based on results in Appendix C, Page 2.
- (E) Based on results in Appendix D, Page 1.
- (F) Selected averages of (A), (B), (C), (D), and (E).
- (G) From Exhibit 4, Page 1, Line / Line .
- (H) From Exhibit 4, Page 1, Line / Line .

This exhibit summarizes the results of the actuarial methods we have applied to estimate limited losses for each year. These results are used to select a limited loss rate for future years.

Selection of Projected Limited Loss Rate and Projection of Program Losses and ULAE

Accident Year	Ultimate Limited Losses (A)	Trend Factor (B)	Trended Limited Losses (C)	Trended Payroll (\$00) (D)	Trended Limited Loss Rate (E)
2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012	275,000 270,420 92,328 446,000 498,000 353,000 495,000	1.839 1.717 1.574 1.445 1.297 1.230 1.216	505,725 464,311 145,324 644,470 645,906 434,190 601,920	111,831 122,241 144,137 150,561 132,961 113,623 114,090	4.522 3.798 1.008 4.280 4.858 3.821 5.276
2012-2013 2013-2014	219,000 420,000 \$3,068,748	1.196 1.128	261,924 473,760 \$4,177,530	112,229 112,052 \$1,113,725	2.334 4.228 \$3.751
10/11-13/14 11/12-13/14	1,487,000 1,134,000		` '	451,994 338,371 ad Limited Rate: or Limited Rate:	3.920 3.953 \$3.950 \$4.230

Selection of Projected Limited Loss Rate and Projection of Program Losses and ULAE

Notes:

- (A) From Exhibit 3, Page 2, Column (F).
 For purposes of projecting future losses, losses are capped at \$100,000 per occurrence.
- (B) From Appendix E, Column (B).
- (C) (A) x (B).
- (D) From Appendix L, Column (C).
- (E) (C)/(D).
- (F) Selected based on (E).
- (G) Based on a Weibull distribution, a mathematical model of claim sizes.
- (H) From Appendix E.
- (I) (F) x (G) x (H).
- (J) From Appendix L, Column (C).
- (K) (I) x (J).
- (L) Based on an estimated claim closing pattern and the District's historical claims administration expenses.
- (M) (K) + (L).

This exhibit shows the calculation of future loss costs based on the past loss rates per \$100 of payroll. The projections will be accurate only to the extent that what has happened in the past is representative of what will happen in the future.

Reported Loss Development

Accident Year (A)	Limited Reported Losses as of 6/30/15 (B)	Reported Loss Development Factor (C)	Ultimate Limited Losses (D)	Program Reported Losses of 6/30/15 (E)	Reported Loss Development Factor (F)	Ultimate Program Losses (G)
Prior	\$1,834,714	1.006	\$1,845,722	\$2,170,131	1.007	\$2,185,322
1995-1996	119,386	1.008	120,341	119,386	1.010	120,580
1996-1997	542,013	1.010	547,433	592,817	1.013	600,524
1997-1998	371,556	1.012	376,015	451,864	1.017	459,546
1998-1999	691,649	1.015	702,024	938,818	1.024	961,350
1999-2000	315,694	1.018	321,376	431,764	1.031	445,149
2000-2001	332,558	1.021	339,542	552,688	1.040	574,796
2001-2002	603,332	1.024	617,812	1,072,193	1.051	1,126,875
2002-2003	177,091	1.028	182,050	177,091	1.077	190,727
2003-2004	435,196	1.033	449,557	247,127	1.093	2,005,142
2004-2005	198,520	1.038	206,064	198,520	1.115	221,350
2005-2006	263,457	1.044	275,049	263,457	1.142	300,868
2006-2007	270,420	1.051	284,211	492,982	1.172	577,775
2007-2008	92,328	1.059	97,775	92,328	1.211	111,809
2008-2009	417,360	1.069	446,158	624,699	1.257	785,247
2009-2010	461,122	1.080	498,012	680,006	1.315	894,208
2010-2011	324,006	1.091	353,491	526,423	1.387	730,149
2011-2012	447,387	1.107	495,257	581,229	1.519	882,887
2012-2013	196,673	1.146	225,387	231,169	1.712	395,761
2013-2014	301,220	1.272	383,152	303,528	2.176	660,477
Totals	\$8,395,682		\$8,766,428	\$10,748,220		\$14,230,542

Notes:

- (A) Years are 7/1 to 6/30.
- (B) Provided by the District. These losses exclude amounts over \$100,000 per occurrence.
- (C) From Appendix A, Page 2.
- (D) (B) x (C). These estimated losses exclude amounts over \$100,000 per occurrence.
- (E) Losses capped at the District's SIR. Amounts are provided by the District.
- (F) Derived from factors on Appendix A, Page 3.
- (G) (E) x (F).

This method tends to understate ultimate losses for the most recent several years because the large losses for those years generally have not yet emerged at the time of our review.

This exhibit shows the calculation of estimated ultimate losses for each year based on paid losses and case reserves as reported by the claims administrator. These losses tend to "develop" or change from period to period as more information becomes available about the cases. This development tends to follow quantifiable patterns over time.

Novato Fire Protection District - Workers' Compensation Reported Loss Development

	Limited Loss	os Poportod	ac of:	Reported	d Loss Devel	opment				
cident	12	24	36	48	60	72	84	96	108	120
ear	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months
95										
96 07										
197 198										
999										
000										
001										336,295
02									602,305	602,316
03							405 400	155,191	155,323	177,069
)4)5						149,253	435,196 175,956	435,196 194,071	435,196 198,520	435,196 198,520
06					263,285	252,997	258,685	263,457	263,457	263,457
7				199,119	199,163	195,834	191,002	269,969	270,420	,
80			90,329	103,531	101,166	92,328	92,328	92,328		
09		251,445	320,622	316,228	334,158	406,082	417,360			
10	232,664	366,450	405,916	439,557	439,557	461,122				
011 012	83,426 394,274	313,206 400,745	322,614 461,963	327,175	324,006					
013	143,788	205,320	196,673	447,387						
014	192,931	301,220	100,070							
15										
	Reported Los									
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132
95	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months
996										
1997										
1998										
1999										
2000 2001										0.972
2002									1.000	1.000
003								1.001	1.140	1.000
2004							1.000	1.000	1.000	1.000
2005					0.004	1.179	1.103	1.023	1.000	1.000
2006 2007				1.000	0.961 0.983	1.022 0.975	1.018 1.413	1.000 1.002	1.000	
2007			1.146	0.977	0.983	1.000	1.413	1.002		
009		1.275	0.986	1.057	1.215	1.028				
010	1.575	1.108	1.083	1.000	1.049					
011	3.754	1.030	1.014	0.990						
2012	1.016	1.153	0.968							
)13)14	1.428 1.561	0.958								
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132
	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months
	1.867	1.105	1.039	1.005	1.024	1.041	1.107	1.005	1.028	0.994
ghted										
	4.044	4.00=	4 000	4.04.4	4 007	4 000	4 45 4	4 007	4 000	4 000
	1.241 1.499	1.067 1.079	1.020 1.013	1.014 1.010	1.097 1.076	1.009 1.013	1.154 1.142	1.007 1.004	1.000 1.021	1.000 1.000
	1.439	1.079	1.013	1.010	1.070	1.013	1.142	1.004	1.021	1.000
	1.470	1.120	1.025	1.015	1.010	1.010	1.009	1.008	1.007	1.006
	1.500	1.130	1.040	1.015	1.010	1.010	1.009	1.008	1.007	1.006
	1.550	1.110	1.035	1.015	1.010	1.010	1.009	1.008	1.007	1.006
d	1.972	1.272	1.146	1.107	1.091	1.080	1.069	1.059	1.051	1.044

Paid Loss Development

Accident Year (A) Prior	Limited Paid Losses as of 6/30/15 (B) \$1,834,714	Paid Loss Development Factor (C)	Ultimate Limited Losses (D) \$1,858,565	Program Paid Losses of 6/30/15 (E) \$2,161,467	Paid Loss Development Factor (F)	Ultimate Program Losses (G) \$2,276,025
1995-1996	107,014	1.017	108,833	107,014	1.074	114,933
1996-1997	491,457	1.021	501,778	542,261	1.085	588,353
1997-1998	357,065	1.025	365,992	437,373	1.097	479,798
1998-1999	691,649	1.029	711,707	933,265	1.108	1,034,058
1999-2000	288,196	1.034	297,995	404,266	1.121	453,182
2000-2001	327,540	1.039	340,314	547,670	1.135	621,605
2001-2002	593,239	1.045	619,935	1,045,734	1.157	1,209,914
2002-2003	157,029	1.052	165,195	157,029	1.231	193,303
2003-2004	435,196	1.060	461,308	303,754	1.263	2,118,673
2004-2005	151,616	1.070	162,229	151,616	1.303	197,556
2005-2006	245,304	1.081	265,174	245,304	1.350	331,160
2006-2007	270,420	1.094	295,839	492,982	1.407	693,626
2007-2008	92,328	1.110	102,484	92,328	1.494	137,938
2008-2009	393,070	1.132	444,955	419,269	1.614	676,700
2009-2010	396,044	1.169	462,975	551,222	1.766	973,458
2010-2011	296,222	1.216	360,206	457,500	1.977	904,478
2011-2012	365,887	1.277	467,238	421,481	2.238	943,274
2012-2013	149,232	1.430	213,402	149,232	2.685	400,688
2013-2014	238,979	1.788	427,294	238,979	3.604	861,280
Totals	\$7,882,201		\$8,633,418	\$9,859,746		\$15,210,002

Notes:

- (A) Years are 7/1 to 6/30.
- (B) Provided by the District. These losses exclude amounts over \$100,000 per occurrence.
- (C) From Appendix B, Page 2.
- (D) (B) x (C). These estimated losses exclude amounts over \$100,000 per occurrence.
- (E) Losses capped at the District's SIR. Amounts are provided by the District.
- (F) Derived from factors on Appendix B, Page 3.
- (G) (E) x (F).

This method tends to understate ultimate losses for the most recent several years because the large losses for those years generally have not yet emerged at the time of our review.

This exhibit shows the calculation of estimated ultimate losses for each year based on paid losses as reported by the claims administrator. These losses tend to "develop" or change from period to period as more information becomes available about the cases. This development tends to follow quantifiable patterns over time.

Novato Fire Protection District - Workers' Compensation Paid Loss Development

	Limited Loss	es Paid as o	<u>f:</u>	Palu L	oss Develop	ment				
Accident Year	12 Months	24 Months	36 Months	48 Months	60 Months	72 Months	84 Months	96 Months	108 Months	120 Months
1994-1995 1995-1996 1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014 2014-2015	124,420 69,290 204,347 53,919 132,066	210,080 310,072 250,949 308,818 78,803 238,979	83,481 256,345 383,196 273,840 317,510 149,232	168,817 89,548 290,708 384,354 283,239 365,887	235,294 169,486 92,317 300,987 385,613 296,222	147,433 238,984 170,008 92,328 369,391 396,044	435,196 148,858 239,531 177,620 92,328 393,070	150,202 435,196 149,769 244,930 269,969 92,328	593,110 150,369 435,196 150,458 245,226 270,420	326,958 593,121 156,650 435,196 151,422 245,304
1994-1995	Paid Loss De 12-24 Months	evelopment F 24-36 Months	Factors: 36-48 Months	48-60 Months	60-72 Months	72-84 Months	84-96 Months	96-108 Months	108-120 Months	120-132 Months
1995-1996 1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014	2.492 3.622 1.511 1.462 1.810	1.220 1.236 1.091 1.028 1.894	1.073 1.134 1.003 1.034 1.152	1.004 1.031 1.035 1.003 1.046	1.016 1.003 1.000 1.227 1.027	1.010 1.002 1.045 1.000 1.064	1.000 1.006 1.023 1.520 1.000	1.001 1.000 1.005 1.001 1.002	1.000 1.042 1.000 1.006 1.000	1.000 1.000 1.002 1.000 1.001
Average Dollar-weighted	12-24 Months 2.179	24-36 Months 1.294	36-48 Months 1.079	48-60 Months 1.024	60-72 Months 1.055	72-84 Months 1.024	84-96 Months 1.110	96-108 Months 1.002	108-120 Months 1.010	120-132 Months 1.001
Averages 3-yr 4-yr	1.605 1.909	1.160 1.185	1.060 1.076	1.026 1.026	1.101 1.084	1.050 1.037	1.192 1.150	1.002 1.001	1.001 1.007	1.001 1.000
Industry Factors Prior	2.500 2.350	1.400 1.200	1.170 1.100	1.090 1.050	1.050 1.040	1.033 1.033	1.020 1.020	1.015 1.015	1.012 1.012	1.010 1.010
Selected	2.150	1.250	1.120	1.050	1.040	1.033	1.020	1.015	1.012	1.010
Cumulated	3.844	1.788	1.430	1.277	1.216	1.169	1.132	1.110	1.094	1.081

Exposure and Development Method Based on Reported Losses

				Percentage		Incurred	
	Trended	Reported	Loss	of Losses		but not	Ultimate
Accident	Payroll	Losses as	Development	Yet to Be	Program	Reported	Program
Year	(\$00)	of 6/30/15	Factor	Reported	Rate	(IBNR)	Losses
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
2005-2006	111,831	263,457	1.142	0.124	4.306	59,711	323,168
2006-2007	122,241	492,982	1.172	0.147	3.940	70,800	563,782
2007-2008	144,137	92,328	1.211	0.174	1.161	29,118	121,446
2008-2009	150,561	624,699	1.257	0.204	5.459	167,670	792,369
2009-2010	132,961	680,006	1.315	0.240	7.022	224,077	904,083
2010-2011	113,623	526,423	1.387	0.279	6.127	194,231	720,654
2011-2012	114,090	581,229	1.519	0.342	6.308	246,130	827,359
2012-2013	112,229	231,169	1.712	0.416	6.527	304,728	535,897
2013-2014	112,052	303,528	2.176	0.540	7.221	436,929	740,457
Totals	\$1,113,725	\$3,795,821				\$1,733,394	\$5,529,215

Notes:

- (A) From Appendix L, Column (C).
- (B) Provided by the District. These losses exclude amounts incurred above the District's SIR for each year.
- (C) From Appendix A, Page 1, Column (F).
- (D) 1 1/(C).
- (E) From Appendix C, Page 3, Column (H).
- (F) (A) x (D) x (E).
- (G) (B) + (F).

This exhibit shows the calculation of ultimate losses based on the assumption that there is an underlying relationship between losses and payroll that changes in regular ways over time. The method relies on the premise that the losses that are currently unreported will cost what this relationship would suggest.

Exposure and Development Method Based on Paid Losses

				Percentage			
	Trended	Paid	Loss	of Losses		Incurred	Ultimate
Accident	Payroll	Losses as	Development	Yet to Be	Program	but not	Program
Year	(\$00)	of 6/30/15	Factor	Paid	Rate	Paid	Losses
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
2005-2006	111,831	245,304	1.350	0.259	4.306	124,720	370,024
2006-2007	122,241	492,982	1.407	0.289	3.940	139,191	632,173
2007-2008	144,137	92,328	1.494	0.331	1.161	55,391	147,719
2008-2009	150,561	419,269	1.614	0.380	5.459	312,327	731,596
2009-2010	132,961	551,222	1.766	0.434	7.022	405,205	956,427
2010-2011	113,623	457,500	1.977	0.494	6.127	343,907	801,407
2011-2012	114,090	421,481	2.238	0.553	6.308	397,983	819,464
2012-2013	112,229	149,232	2.685	0.628	6.527	460,022	609,254
2013-2014	112,052	238,979	3.604	0.723	7.221	584,999	823,978
Totals	\$1,113,725	\$3,068,297				\$2,823,745	\$5,892,042

Notes:

- (A) From Appendix L, Column (C).
- (B) Provided by the District. These losses exclude amounts paid above the District's SIR for each year.
- (C) From Appendix B, Page 1, Column (F).
- (D) 1 1/(C).
- (E) From Appendix C, Page 3, Column (H).
- (F) (A) x (D) x (E).
- (G) (B) + (F).

This exhibit shows the calculation of ultimate losses based on the assumption that there is an underlying relationship between losses and payroll that changes in regular ways over time. The method relies on the premise that the losses that are currently unpaid will cost what this relationship would suggest.

Exposure and Development Method

Accident Year	Trended Payroll (\$00) (A)	Ultimate Limited Losses (B)	Trend Factor (C)	Trended Limited Losses (D)	Trended Limited Loss Rate (E)	Limited Loss Rate (F)	Factor to SIR (G)	Program Loss Rate (H)
2005-2006	111,831	275,000	1.839	505,725	4.522	2.459	1.751	4.306
2006-2007	122,241	270,420	1.717	464,311	3.798	2.212	1.781	3.940
2007-2008	144,137	92,328	1.574	145,324	1.008	0.641	1.811	1.161
2008-2009	150,561	446,000	1.445	644,470	4.280	2.962	1.843	5.459
2009-2010	132,961	498,000	1.297	645,906	4.858	3.745	1.875	7.022
2010-2011	113,623	353,000	1.230	434,190	3.821	3.211	1.908	6.127
2011-2012	114,090	495,000	1.216	601,920	5.276	3.248	1.942	6.308
2012-2013	112,229	219,000	1.196	261,924	2.334	3.303	1.976	6.527
2013-2014	112,052	427,000	1.128	481,656	4.299	3.502	2.062	7.221
Total/Avg	\$1,113,725	\$3,075,748		\$4,185,426	\$3.758			
10/11-/	451,994	1,494,000		1,779,690	\$3.937			
11/12-/	338,371	1,141,000		1,345,500	\$3.976			

Selected Limited Rate:

Prior Limited Rate:

\$3.950

\$4.150

Notes:

- (A) From Appendix L, Column (C).
- (B) Selected average of results from Appendices A and B.
- (C) From Appendix E, Column (B).
- (D) (B) x (C).
- (E) (D)/(A).
- (F) Selected Limited Rate / (C). For 2009-2010 and prior (B) / (A).
- (G) Based on a Weibull distribution, a mathematical model of claim sizes.
- (H) (F) x (G).

This exhibit shows the calculation of the underlying historical relationship between losses and payroll that is needed to apply the estimation methods shown on pages 1 and 2 of this Appendix.

Frequency and Severity Method

Accident Year	Ultimate Program Severity (A)	Adjusted Ultimate Claims (B)	Ultimate Program Losses (C)
Prior	\$9,233	244	\$2,252,852
1995-1996	4,901	32	156,832
1996-1997	21,188	34	720,392
1997-1998	19,206	26	499,356
1998-1999	29,852	31	925,412
1999-2000	13,969	31	433,039
2000-2001	17,785	26	462,410
2001-2002	35,999	24	863,976
2002-2003	10,108	30	303,240
2003-2004	23,768	31	736,808
2004-2005	17,737	20	354,740
2005-2006	17,834	27	481,518
2006-2007	20,939	23	481,597
2007-2008	9,289	18	167,202
2008-2009	35,738	23	821,974
2009-2010	35,914	26	933,764
2010-2011	30,349	19	576,631
2011-2012	31,851	19	605,169
2012-2013	33,608	23	772,984
2013-2014	37,939	29	1,100,231
Total		736	\$13,650,127

Notes:

- (A) From Appendix D, Page 2, Column (H).
- (B) From Appendix D, Page 2, Column (B).
- (C) (A) x (B).

This exhibit shows the calculation of the estimated ultimate losses for each year based on the observed average frequency and severity of claims.

Frequency and Severity Method

Accident	Ultimate Limited	Adjusted Ultimate	Ultimate Limited	Trend	Trended Limited	Limited	Factor	Program
Year	Losses	Claims	Severity	Factor	Severity	Severity	to SIR	Severity
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	()	()	(-)	()	()	()	(-)	()
Prior	\$1,834,714	244	\$7,519	3.264	\$24,542	\$7,519	1.228	\$9,233
1995-1996	120,000	32	3,750	2.749	10,309	3,750	1.307	4,901
1996-1997	547,000	34	16,088	2.402	38,643	16,088	1.317	21,188
1997-1998	376,000	26	14,462	2.030	29,358	14,462	1.328	19,206
1998-1999	691,649	31	22,311	1.758	39,223	22,311	1.338	29,852
1999-2000	321,000	31	10,355	1.529	15,833	10,355	1.349	13,969
2000-2001	340,000	26	13,077	1.399	18,295	13,077	1.360	17,785
2001-2002	618,000	24	25,750	1.367	35,200	25,750	1.398	35,999
2002-2003	182,000	30	6,067	1.408	8,542	6,067	1.666	10,108
2003-2004	435,196	31	14,039	1.704	23,922	14,039	1.693	23,768
2004-2005	206,000	20	10,300	2.140	22,042	10,300	1.722	17,737
2005-2006	275,000	27	10,185	2.244	22,855	10,185	1.751	17,834
2006-2007	270,420	23	11,757	2.053	24,137	11,757	1.781	20,939
2007-2008	92,328	18	5,129	1.844	9,458	5,129	1.811	9,289
2008-2009	446,000	23	19,391	1.660	32,189	19,391	1.843	35,738
2009-2010	498,000	26	19,154	1.461	27,984	19,154	1.875	35,914
2010-2011	353,000	19	18,579	1.358	25,230	15,906	1.908	30,349
2011-2012	495,000	19	26,053	1.317	34,312	16,401	1.942	31,851
2012-2013	219,000	23	9,522	1.270	12,093	17,008	1.976	33,608
2013-2014	420,000	29	14,483	1.174	17,003	18,399	2.062	37,939

Average Limited Severity: \$23,559

Average 10/11-13/14 Limited Severity: \$22,160

Average 11/12-13/14 Limited Severity: \$21,136

Selected Limited Severity: \$21,600 Prior Limited Severity: \$20,000

Notes:

- (A) Selected average of results from Appendices A, B, and C.
- (B) Appendix D, Page 3, Column (C).
- (C) (A) / (B).
- (D) From Appendix E, Column (J).
- (E) (C) x (D).
- (F) Selected Limited Severity / (D).
- (G) Based on a Weibull distribution, a mathematical model of claim sizes.
- (H) (F) x (G).

This exhibit shows the calculation of the historical average cost per claim, or severity. The observed average severity is used in the method shown on page 1 of this Appendix.

Frequency and Severity Method Projection of Ultimate Claims

Accident Year	Reported Claim Development (A)	Closed Claim Development (B)	Selected Ultimate Claims (C)	Trended Payroll (\$000,000) (D)	Claim Frequency (E)	Trend Factor (F)	Trended Claim Frequency (G)
Prior	244	244	244	0		0.655	
1995-1996	32	31	32	0		0.668	
1996-1997	34	32	34	0		0.682	
1997-1998	26	25	26	0		0.696	
1998-1999	31	30	31	0		0.710	
1999-2000	31	29	31	0		0.725	
2000-2001	26	25	26	0		0.740	
2001-2002	24	22	24	0		0.755	
2002-2003	30	29	30	0		0.769	
2003-2004	31	30	31	0		0.785	
2004-2005	20	19	20	0		0.801	
2005-2006	27	27	27	11	2.414	0.817	1.972
2006-2007	23	24	23	12	1.882	0.834	1.570
2007-2008	18	19	18	14	1.249	0.851	1.063
2008-2009	23	21	23	15	1.528	0.868	1.326
2009-2010	26	24	26	13	1.955	0.886	1.732
2010-2011	19	17	19	11	1.672	0.904	1.511
2011-2012	19	16	19	11	1.665	0.922	1.535
2012-2013	23	25	23	11	2.049	0.942	1.930
2013-2014	29	29	29	11	2.588	0.961	2.487
Total	736	718	736	111.373			1.650

(H) Selected 2015-2016 Frequency: 2.000 Prior Frequency: 2.400

Notes:

- (A) From Appendix D, Page 4, (C).
- (B) From Appendix D, Page 5, (C).
- (C) Selected from (A) and (B).
- (D) From Appendix L, Column (C) divided by 10,000.
- (E) (C)/(D).
- (F) From Appendix E.

- (G) (E) x (F).
- (H) The selected frequency of 2.000 is based on (G).
- (I) From Appendix E.
- (J) (H) x (I).
- (K) From Appendix L, Column (C) divided by 10,000.
- (L) (J) x (K).

This exhibit summarizes the estimated numbers of claims and shows the estimated frequencies per \$1,000,000 of trended payroll.

Frequency and Severity Method Reported Claim Count Development

Accident Year	Claims Reported as of 6/30/2015 (A)	Reported Claim Development Factor (B)	Ultimate Claims (C)	Trended Claim Frequency (D)
Prior	244	1.000	244	
1995-1996	32	1.000	32	
1996-1997	34	1.000	34	
1997-1998	26	1.000	26	
1998-1999	31	1.000	31	
1999-2000	31	1.000	31	
2000-2001	26	1.000	26	
2001-2002	24	1.000	24	
2002-2003	30	1.000	30	
2003-2004	31	1.000	31	
2004-2005	20	1.000	20	
2005-2006	27	1.000	27	1.973
2006-2007	23	1.000	23	1.569
2007-2008	18	1.000	18	1.063
2008-2009	23	1.001	23	1.326
2009-2010	26	1.002	26	1.733
2010-2011	19	1.004	19	1.512
2011-2012	19	1.007	19	1.535
2012-2013	23	1.011	23	1.931
2013-2014	28	1.018	29	2.487
Total	735		736	1.650

Notes:

- (A) Provided by the District.
- (B) From Appendix D, Page 6.
- (C) (A) x (B).
- (D) (C) / [Appendix D, Page 3, (D)] x [Appendix D, Page 3, (F)].

This exhibit shows the calculation of estimated ultimate claims for each year based on reported claims as provided by the District. These numbers of claims tend to "develop" or change from period to period as more claims are filed. This development tends to follow quantifiable patterns over time.

Frequency and Severity Method Closed Claim Count Development

Accident Year	Claims Closed as of 6/30/2015 (A)	Closed Claim Development Factor (B)	Ultimate Claims (C)	Trended Claim Frequency (D)
Prior	243	1.005	244	
1995-1996	31	1.006	31	
1996-1997	32	1.007	32	
1997-1998	25	1.008	25	
1998-1999	30	1.009	30	
1999-2000	29	1.010	29	
2000-2001	25	1.011	25	
2001-2002	22	1.012	22	
2002-2003	29	1.013	29	
2003-2004	30	1.015	30	
2004-2005	19	1.018	19	
2005-2006	26	1.022	27	1.973
2006-2007	23	1.027	24	1.637
2007-2008	18	1.035	19	1.122
2008-2009	20	1.045	21	1.211
2009-2010	23	1.061	24	1.599
2010-2011	16	1.088	17	1.353
2011-2012	14	1.121	16	1.293
2012-2013	21	1.177	25	2.098
2013-2014	23	1.271	29	2.487
Total	699		718	1.610

Notes:

- (A) Provided by the District.
- (B) From Appendix D, Page 7.
- (C) (A) x (B).
- (D) (C) / [Appendix D, Page 3, (D)] x [Appendix D, Page 3, (F)].

This exhibit shows the calculation of estimated ultimate claims for each year based on closed claims as provided by the District. These numbers of closed claims tend to "develop" or change from period to period as more claims are closed. This development tends to follow quantifiable patterns over time.

Novato Fire Protection District - Workers' Compensation Reported Claim Count Development

	Number o	of Claims I		ported Cia as of:	iim Count	Developi	nent						
Accident	12	24	36	48	60	72	84	96	108	120	132	144	156
Year 1994-1995 1995-1996	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months	Months
1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014 2014-2015	24 24 23 21 28	22 26 25 24 23 28	20 22 26 25 19 23	24 20 23 27 19	29 24 20 23 26 19	25 29 25 20 23 26	35 25 29 25 18 23	30 35 25 29 23 18	25 30 35 25 27 23	28 25 30 35 20 27	31 28 25 30 31 20	34 31 28 25 30 31	28 34 31 28 24 30
	Reported	Claim Co	unt Devel	opment F	actors:								
	12-24 Months	24-36 Months	36-48 Months	48-60 Months	60-72 Months	72-84 Months	84-96 Months		108-120 Months		-		
1994-1995 1995-1996 1996-1997	WOTHIS	MOTHERS	WOTHIS	WOTHIS	WOTHIS	WOTHIS	WOTHIS	WOTHIS	MOTHERS	WOTHERS	WOTHIS	WOTHERS	WOTUIS
1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014	1.083 1.042 1.043 1.095 1.000	1.000 1.000 1.000 0.792 1.000	1.000 1.045 1.038 0.760 1.000	1.000 1.000 1.000 0.963 1.000	1.000 1.042 1.000 1.000	1.000 1.000 1.000 0.900 1.000	1.000 1.000 1.000 0.920 1.000	1.000 1.000 1.000 0.931 1.000	1.000 1.000 1.000 0.800 1.000	1.000 1.000 1.000 0.886 1.000	1.000 1.000 1.000 1.000	1.000 1.000 1.000 0.960 1.000	1.000 1.000 1.000 0.929 1.000
Average Claim-weighted	12-24 Months 1.053 Averages	24-36 Months 0.958	36-48 Months 0.969	48-60 Months 0.993	60-72 Months 1.008	72-84 Months 0.980	84-96 Months 0.984	96-108 Months 0.986	108-120 Months 0.960	120-132 Months 0.977	132-144 Months 1.000	144-156 Months 0.992	156-168 Months 0.986
3-yr	1.042	0.931	0.929	0.986	1.000	0.971	0.972	0.974	0.943	0.953	1.000	0.988	0.976
4-yr Industry	1.042	0.949	0.957	0.989	1.011	0.979	0.979	0.982	0.957	0.964	1.000	0.991	0.983
Factors	1.100	1.007	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
Prior	1.100	1.007	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
Selected Cumulated	1.080	1.007	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000

Novato Fire Protection District - Workers' Compensation Closed Claim Development

	Claima C	loood oo o	· f ·	Closed C	Claim Dev	elopment							
Accident Year 1994-1995 1995-1996	12 Months	losed as c 24 Months	36	48 Months	60 Months	72 Months	84 Months	96 Months	108 Months	120 Months	132 Months	144 Months	156 Months
1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014 2014-2015	17 19 11 15 23	19 21 20 19 19 23	18 19 22 21 13 21	21 18 20 24 15 14	27 21 19 20 23 16	24 27 23 20 21 23	32 24 27 24 18 20	29 32 24 28 22 18	22 29 32 24 26 23	27 23 29 32 19 26	31 28 23 29 30 19	33 31 28 23 29 30	26 33 31 28 22 29
	Closed C	laim Cour	nt Develop	ment Fac	tors:								
	12-24 Months	24-36 Months	36-48 Months	48-60 Months	60-72 Months	72-84 Months	84-96 Months	96-108 Months		120-132 Months			
1994-1995 1995-1996 1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014	1.235 1.053 1.727 1.267 1.000	1.000 1.048 1.050 0.684 1.105	1.000 1.053 1.091 0.714 1.077	1.000 1.056 1.000 0.958 1.067	1.000 1.095 1.053 1.050 1.000	1.000 1.000 1.043 0.900 0.952	1.000 1.000 1.037 0.917 1.000	1.000 1.000 1.000 0.929 1.045	1.045 1.000 1.000 0.792 1.000	1.037 1.000 1.000 0.938 1.000	1.000 1.000 1.000 1.000	1.000 1.000 1.000 0.957 1.000	1.000 1.000 0.968 0.893 1.000
Average Claim-weighted	12-24 Months 1.256 Averages	24-36 Months 0.977	36-48 Months 0.987	48-60 Months 1.016	60-72 Months 1.040	72-84 Months 0.979	84-96 Months 0.991	96-108 Months 0.995	108-120 Months 0.967	120-132 Months 0.995	132-144 Months 1.000	144-156 Months 0.991	156-168 Months 0.972
3-yr 4-yr Industry	1.245 1.191	0.948 0.975	0.946 0.973	1.000 1.013	1.032 1.048	0.969 0.978	0.986 0.989	0.986 0.991	0.939 0.955	0.975 0.981	1.000 1.000	0.988 0.991	0.951 0.965
Factors	1.600	1.080	1.050	1.030	1.025	1.015	1.010	1.008	1.005	1.004	1.003	1.002	1.001
Prior	1.600	1.080	1.050	1.030	1.025	1.015	1.010	1.008	1.005	1.004	1.003	1.002	1.001
Selected	1.500	1.080	1.050	1.030	1.025	1.015	1.010	1.008	1.005	1.004	1.003	1.002	1.001
Cumulated	1.907	1.271	1.177	1.121	1.088	1.061	1.045	1.035	1.027	1.022	1.018	1.015	1.013

Loss Trend Factors

		Factor to								
	Benefit		2016-2017	2017-2018			2016-2017	2017-2018	2018-2019	2015-2016
Accident	Level	Loss Rate	Loss Rate	Loss Rate	Loss Rate	Frequency	Frequency	Frequency	Frequency	Severity
Year	Factor	Level								
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1993-1994	1.944	2.153	2.193	2.233	2.274	0.655	0.642	0.629	0.616	3.264
1995-1996	1.678	1.849	1.883	1.917	1.953	0.668	0.655	0.642	0.629	2.749
1996-1997	1.503	1.647	1.677	1.708	1.740	0.682	0.669	0.655	0.642	2.402
1997-1998	1.302	1.419	1.445	1.471	1.499	0.696	0.682	0.668	0.655	2.030
1998-1999	1.156	1.253	1.276	1.299	1.323	0.710	0.696	0.682	0.668	1.758
1999-2000	1.031	1.112	1.132	1.153	1.174	0.725	0.710	0.696	0.682	1.529
2000-2001	0.966	1.038	1.057	1.076	1.096	0.740	0.725	0.710	0.696	1.399
2001-2002	0.968	1.035	1.054	1.073	1.093	0.755	0.740	0.724	0.710	1.367
2002-2003	1.022	1.087	1.107	1.127	1.148	0.769	0.754	0.739	0.724	1.408
2003-2004	1.267	1.342	1.367	1.392	1.418	0.785	0.770	0.754	0.739	1.704
2004-2005	1.631	1.719	1.751	1.783	1.816	0.801	0.785	0.769	0.754	2.140
2005-2006	1.753	1.839	1.873	1.907	1.943	0.817	0.801	0.785	0.769	2.244
2006-2007	1.644	1.717	1.748	1.780	1.813	0.834	0.818	0.801	0.785	2.053
2007-2008	1.514	1.574	1.603	1.632	1.662	0.851	0.834	0.817	0.801	1.844
2008-2009	1.396	1.445	1.471	1.498	1.526	0.868	0.851	0.834	0.817	1.660
2009-2010	1.260	1.297	1.321	1.345	1.370	0.886	0.869	0.851	0.834	1.461
2010-2011	1.200	1.230	1.252	1.275	1.299	0.904	0.886	0.868	0.851	1.358
2011-2012	1.193	1.216	1.239	1.261	1.285	0.922	0.904	0.886	0.868	1.317
2012-2013	1.179	1.196	1.218	1.241	1.264	0.942	0.923	0.904	0.886	1.270
2013-2014	1.117	1.128	1.149	1.170	1.192	0.961	0.942	0.922	0.904	1.174
2014-2015	1.033	1.038	1.057	1.076	1.096	0.980	0.960	0.941	0.922	1.059
2015-2016	1.000	1.000	1.018	1.037	1.056	1.000	0.980	0.960	0.941	1.000
2016-2017	0.987		1.000	1.018	1.037		1.000	0.980	0.960	
2017-2018	0.974			1.000	1.018			1.000	0.980	
2018-2019	0.961				1.000				1.000	

Notes:

- (A) Based on WCIRB.
- (B) (E) (A) adjusted for a 0.5% annual loss rate trend.
- (F) (I) (A) adjusted for a -2.0% annual frequency trend.
 - (J) (A) adjusted for a 2.5% annual severity trend.

This exhibit shows the calculation of the ways in which we expect claims costs to have changed over the past twenty years due to changes in statutory workers' compensation benefit levels and changes in actual claims costs in excess of changes in payroll. Changes in the ways in which claims are filed as a result of greater awareness of workers' compensation benefits are not generally reflected in the statutory benefit level factors shown above, but may be part of the reason for changes in actual claims costs in excess of payroll changes.

Payment and Reserve Forecast

Calendar Period

Accident Year	As of <u>6/30/2015</u>	7/1/2015 to <u>6/30/2016</u>	7/1/2016 to <u>6/30/2017</u>	7/1/2017 to <u>6/30/2018</u>	7/1/2018 to <u>6/30/2019</u>	7/1/2019 to <u>6/30/2020</u>	7/1/2020 to <u>6/30/2021</u>	7/1/2021 to <u>6/30/2022</u>	7/1/2022 to <u>6/30/2023</u>	7/1/2023 to <u>6/30/2024</u>	7/1/2024 to <u>6/30/2025</u>
Prior Ultimate Loss Paid in Calendar Period Paid to Date Outstanding Liability	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000	\$4,315,000
	-	17,531	22,052	12,991	11,661	10,238	8,743	7,469	6,379	5,438	4,637
	4,181,380	4,198,911	4,220,963	4,233,954	4,245,615	4,255,853	4,264,596	4,272,065	4,278,444	4,283,882	4,288,519
	133,620	116,089	94,037	81,046	69,385	59,147	50,404	42,935	36,556	31,118	26,481
1999-2000 Ultimate Loss Paid in Calendar Period Paid to Date Outstanding Liability	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000	\$445,000
	-	3,951	3,421	3,803	3,547	3,473	3,313	2,826	2,427	2,068	1,762
	404,266	408,217	411,638	415,441	418,988	422,461	425,774	428,600	431,027	433,095	434,857
	40,734	36,783	33,362	29,559	26,012	22,539	19,226	16,400	13,973	11,905	10,143
2000-2001 Ultimate Loss Paid in Calendar Period Paid to Date Outstanding Liability	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000
	-	2,542	2,404	2,362	2,283	2,129	2,084	1,988	1,696	1,457	1,241
	547,670	550,212	552,616	554,978	557,261	559,390	561,474	563,462	565,158	566,615	567,856
	27,330	24,788	22,384	20,022	17,739	15,610	13,526	11,538	9,842	8,385	7,144
2001-2002 Ultimate Loss Paid in Calendar Period Paid to Date Outstanding Liability	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000	\$1,127,000
	-	9,996	6,628	6,270	6,158	5,952	5,551	5,435	5,186	4,423	3,799
	1,045,734	1,055,730	1,062,358	1,068,628	1,074,786	1,080,738	1,086,289	1,091,724	1,096,910	1,101,333	1,105,132
	81,266	71,270	64,642	58,372	52,214	46,262	40,711	35,276	30,090	25,667	21,868
2002-2003 Ultimate Loss Paid in Calendar Period Paid to Date Outstanding Liability	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000	\$191,000
	-	9,410	3,021	2,003	1,895	1,861	1,799	1,678	1,643	1,567	1,337
	157,029	166,439	169,460	171,463	173,358	175,219	177,018	178,696	180,339	181,906	183,243
	33,971	24,561	21,540	19,537	17,642	15,781	13,982	12,304	10,661	9,094	7,757
2003-2004 Ultimate Loss Paid in Calendar Period Paid to Date Outstanding Liability	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000	\$2,005,000
	-	23,810	60,024	19,270	12,778	12,088	11,872	11,475	10,702	10,478	9,997
	1,764,496	1,788,306	1,848,330	1,867,600	1,880,378	1,892,466	1,904,338	1,915,813	1,926,515	1,936,993	1,946,990
	240,504	216,694	156,670	137,400	124,622	112,534	100,662	89,187	78,485	68,007	58,010

Payment and Reserve Forecast

Calendar Period

	As of	7/1/2015 to	7/1/2016 to	7/1/2017 to	7/1/2018 to	7/1/2019 to	7/1/2020 to	7/1/2021 to	7/1/2022 to	7/1/2023 to	7/1/2024 to
Accident Year	6/30/2015	<u>6/30/2016</u>	<u>6/30/2017</u>	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	6/30/2023	6/30/2024	6/30/2025
2004-2005											
Ultimate Loss	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000	\$221,000
Paid in Calendar Period	-	7,285	6,148	15,498	4,976	3,299	3,121	3,066	2,963	2,763	2,705
Paid to Date Outstanding Liability	151,616 69,384	158,901 62,099	165,049 55,951	180,547 40,453	185,523 35,477	188,822 32,178	191,943 29,057	195,009 25,991	197,972 23,028	200,735 20,265	203,440 17,560
Outstanding Elability	03,304	02,033	55,951	40,400	55,477	32,170	23,001	20,991	20,020	20,203	17,500
2005-2006											
Ultimate Loss	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000	\$301,000
Paid in Calendar Period	-	5,737	5,246	8,540	10,020	3,217	2,133	2,018	1,982	1,916	1,786
Paid to Date	245,304	251,041	256,287	264,827	274,847	278,064	280,197	282,215	284,197	286,113	287,899
Outstanding Liability	55,696	49,959	44,713	36,173	26,153	22,936	20,803	18,785	16,803	14,887	13,101
2006-2007											
Ultimate Loss Paid in Calendar Period	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982	\$492,982
Paid to Date	492,982	492,982	492,982	492,982	492,982	492,982	492,982	492,982	492,982	492,982	492,982
Outstanding Liability											
2007 2009											
2007-2008 Ultimate Loss	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328	\$92,328
Paid in Calendar Period	-	* - ,	7 - 7 -	** /*	, - ,	, - ,	* - , -	* - , -	, , , , ,	* - , -	* - ,
Paid to Date	92,328	92,328	92,328	92,328	92,328	92,328	92,328	92,328	92,328	92,328	92,328
Outstanding Liability											
2008-2009											
Ultimate Loss	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000	\$731,000
Paid in Calendar Period	-	40,837	33,862	24,651	21,875	20,003	32,566	38,209	12,267	8,134	7,695
Paid to Date	419,269	460,106	493,968	518,619	540,494	560,497	593,063	631,272	643,539	651,673	659,368
Outstanding Liability	311,731	270,894	237,032	212,381	190,506	170,503	137,937	99,728	87,461	79,327	71,632
2009-2010											
Ultimate Loss	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000
Paid in Calendar Period	-	47,082	43,976	36,465	26,547	23,557	21,541	35,070	41,146	13,209	8,759
Paid to Date	551,222	598,304	642,280	678,745	705,292	728,849	750,390	785,460	826,606	839,815	848,574
Outstanding Liability	382,778	335,696	291,720	255,255	228,708	205,151	183,610	148,540	107,394	94,185	85,426

Payment and Reserve Forecast

						<u>Calenda</u>	r Period				
Accident Year	As of <u>6/30/2015</u>	7/1/2015 to <u>6/30/2016</u>	7/1/2016 to 6/30/2017	7/1/2017 to <u>6/30/2018</u>	7/1/2018 to <u>6/30/2019</u>	7/1/2019 to <u>6/30/2020</u>	7/1/2020 to <u>6/30/2021</u>	7/1/2021 to 6/30/2022	7/1/2022 to <u>6/30/2023</u>	7/1/2023 to <u>6/30/2024</u>	7/1/2024 to <u>6/30/2025</u>
2010-2011 Ultimate Loss	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000	\$817,000
Paid in Calendar Period	-	43,859	38,824	36,263	30,069	21,890	19,425	17,763	28,919	33,929	10,893
Paid to Date Outstanding Liability	457,500 359,500	501,359 315,641	540,183 276,817	576,446 240,554	606,515 210,485	628,405 188,595	647,830 169,170	665,593 151,407	694,512 122,488	728,441 88,559	739,334 77,666
Odicianding Liability	000,000	010,011	270,017	210,001	210,100	100,000	100,170	101,101	122, 100	00,000	77,000
2011-2012											
Ultimate Loss	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000	\$855,000
Paid in Calendar Period Paid to Date	- 421,481	46,387 467,868	47,230 515,098	41,808 556,906	39,050 595,956	32,381 628,337	23,573 651,910	20,918 672,828	19,128 691,956	31,141 723,097	36,537 759,634
Outstanding Liability	433,519	387,132	339,902	298,094	259,044	226,663	203,090	182,172	163,044	131,903	95,366
2012-2013											
Ultimate Loss	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000	\$632,000
Paid in Calendar Period Paid to Date	- 149,232	57,449 206,681	45,509 252,190	46,337 298,527	41,017 339,544	38,312 377,856	31,768 409,624	23,127 432,751	20,523 453,274	18,766 472,040	30,552 502,592
Outstanding Liability	482,768	425,319	379,810	333,473	292,456	254,144	222,376	199,249	178,726	159,960	129,408
Cutstanding Elability	402,700	420,010	373,010	555,475	232,400	204,144	222,010	100,240	170,720	100,000	120,400
2013-2014											
Ultimate Loss	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000	\$872,000
Paid in Calendar Period	-	82,926	65,461	51,856	52,799	46,737	43,655	36,198	26,352	23,385	21,383
Paid to Date Outstanding Liability	238,979 633,021	321,905 550,095	387,366 484,634	439,222 432,778	492,021 379,979	538,758 333,242	582,413	618,611 253,389	644,963 227,037	668,348	689,731 182,269
Outstanding Liability	633,021	550,095	404,034	432,770	379,979	333,242	289,587	253,369	221,031	203,652	102,209
Ultimate Loss	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310	\$14,606,310
Ultimate Loss at 80%	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000	15,520,000
Paid at Expected in Calendar Period	-	398,802	383,806	308,117	264,675	225,137	211,144	207,240	181,313	158,674	143,083
Paid at 80% in Calendar Period		509,900	490,504	393,774	338,255	287,725	269,842	264,853	231,718	202,785	182,860
Total Paid to Date at Expected	11,320,488	11,719,290	12,103,096	12,411,213	12,675,888	12,901,025	13,112,169	13,319,409	13,500,722	13,659,396	13,802,479
Total Paid to Date at 80%		11,830,388	12,320,893	12,714,666	13,052,921	13,340,646	13,610,488	13,875,341	14,107,059	14,309,844	14,492,704

Outstanding Liability at Expected

Total Outstanding ULAE at 80%

Total Outstanding Liability at 80%

Total Outstanding ULAE at Expected

Total Outstanding Liability at Expected

Outstanding Liability at 80%

3,285,822

4,199,281

254,299

324,994

3,540,121

4,524,275

2,887,020

3,689,612

202,109

258,295

3,089,129

3,947,907

2,503,214

3,199,107

163,421

208,852

2,666,635

3,407,960

2,195,097

2,805,334

132,608

169,473

2,327,705

2,974,807

1,930,422

2,467,079

107,183

136,980

2,037,605

2,604,059

1,705,285

2,179,354

86,633

110,717

1,791,918

2,290,071

1,494,141

1,909,512

70,023

89,489

1,564,164

1,999,001

1,286,901

1,644,659

56,597

72,331

1,343,498

1,716,991

1,105,588

1,412,941

45,746

58,463

1,151,334

1,471,405

946,914

36,975

47,254

983,889

1,257,410

1,210,156

803,831

29,886

38,194

833,717

1,065,490

1,027,296

Payment and Reserve Forecast

Notes to previous page:

- Accident Year is associated with date of loss. Calendar Period is associated with date of transaction. For example, for the losses which occurred during 2013-2014, \$82,926 is expected to be paid between 7/1/15 and 6/30/16, \$321,905 will have been paid by 6/30/16, and the reserve for remaining payments on these claims should be \$550,095.
- · Ultimate Losses for each accident year are from Exhibit 3, Page 1.
- Paid in Calendar Period is a proportion of the Outstanding Liability from the previous calendar period. These proportions are derived from the paid loss development pattern selected in Appendix B. For example, \$65,461 = \$550,095 x 11.9%.
- Paid to Date is Paid in Calendar Period plus Paid to Date from previous calendar period. For example, \$387,366 = \$65,461 + \$321,905.
- Outstanding Liability is Ultimate Loss minus Paid to Date. For example, \$550,095 = \$872,000 - \$321,905.

This exhibit shows the calculation of the liability for outstanding claims as of the date of evaluation, the end of the current fiscal year, and the end of the coming fiscal year. It also shows the expected claims payout during the remainder of the current fiscal year and the coming fiscal year. Refer to the Totals at the end of the exhibit for the balance sheet information. The top parts of the exhibit show information for each program year.

Short- and Long-Term Liabilities

Liabilit	ties as of 6/30/15:			Expected		Discounted	
	Current (Short Term)	Loss and ALAE:		\$398,802		\$393,909	
		ULAE:		52,190		51,550	
	Short-	Term Loss and LAE:		\$450,992		\$445,459	
	Non Current (Long Torm)			#2 997 920		CO 054 077	
	Non-Current (Long Term)	Loss and ALAE: ULAE:		\$2,887,020		\$2,351,377	
	Long	Term Loss and LAE:		<u>202,109</u> \$3,089,129		160,915 \$2,512,292	
	Long-	Tellii Loss and LAE.		φ3,009,129		φ2,312,292	
	Total Liability	Loss and ALAE:		\$3,285,822		\$2,745,286	
		ULAE:		254,299		212,465	
		Total Loss and LAE:		\$3,540,121		\$2,957,751	
Liabilit	ties as of 6/30/16:						
	Current (Short Term)	Loss and ALAE:		\$383,806		\$379,097	
		ULAE:		38,688		38,213	
	Short-	Term Loss and LAE:		\$422,494		\$417,310	
				^		^	
	Non-Current (Long Term)	Loss and ALAE:		\$2,503,214		\$2,042,767	
		ULAE:		163,421		131,332	
	Long-	Term Loss and LAE:		\$2,666,635		\$2,174,099	
	Total Liability	Loss and ALAE:		\$2,887,020		\$2,421,864	
		ULAE:		202,109		169,545	
		Total Loss and LAE:		\$3,089,129		\$2,591,409	
		_	70%	Discounted v	with a Margin for Co	ontingencies 85%	90%
l iahilit	ties as of 6/30/15:		Confidence	Confidence	Confidence	Confidence	Confidence
<u>Liabilit</u>	ties as of 6/30/15: Current (Short Term)	Loss and ALAF:	Confidence	Confidence	Confidence	Confidence	Confidence
<u>Liabilit</u>	ties as of 6/30/15: Current (Short Term)	Loss and ALAE: ULAE:	Confidence \$449,056	Confidence \$473,873	Confidence \$503,416	Confidence \$539,655	<u>Confidence</u> \$588,106
<u>Liabilit</u>	Current (Short Term)	ULAE:	<u>Confidence</u> \$449,056 58,767	<u>Confidence</u> \$473,873 62,015	<u>Confidence</u> \$503,416 65,881	<u>Confidence</u> \$539,655 70,624	<u>Confidence</u> \$588,106 76,964
Liabilit	Current (Short Term)		Confidence \$449,056	Confidence \$473,873	Confidence \$503,416	Confidence \$539,655	<u>Confidence</u> \$588,106
Liabilit	Current (Short Term)	ULAE:	<u>Confidence</u> \$449,056 58,767	<u>Confidence</u> \$473,873 62,015	<u>Confidence</u> \$503,416 65,881	<u>Confidence</u> \$539,655 70,624	<u>Confidence</u> \$588,106 76,964
Liabilit	Current (Short Term) Short- Non-Current (Long Term)	ULAE: _ Term Loss and LAE: Loss and ALAE: ULAE: _	\$449,056 58,767 \$507,823	\$473,873 62,015 \$535,888 \$2,828,706 193,580	\$503,416 65,881 \$569,297 \$3,005,060 205,649	\$539,655 70,624 \$610,279 \$3,221,387 220,453	\$588,106 76,964 \$665,070 \$3,510,606 240,246
<u>Liabilit</u>	Current (Short Term) Short- Non-Current (Long Term)	ULAE: _ Term Loss and LAE: Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570	\$473,873 62,015 \$535,888 \$2,828,706	\$503,416 65,881 \$569,297 \$3,005,060	\$539,655 70,624 \$610,279 \$3,221,387	\$588,106 76,964 \$665,070 \$3,510,606
Liabilit	Current (Short Term) Short- Non-Current (Long Term) Long-	ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Term Loss and LAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852
<u>Liabilit</u>	Current (Short Term) Short- Non-Current (Long Term)	ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Term Loss and LAE: Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712
<u>Liabilit</u>	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability	ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Term Loss and LAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852
<u>Liabilit</u>	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability	ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210	Confidence \$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability	ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210	Confidence \$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16:	ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Total Loss and LAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability	ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Total Loss and LAE: Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term)	ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Total Loss and LAE: Loss and ALAE: ULAE:_ ULAE:_	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term)	ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Term Loss and LAE: Loss and ALAE: ULAE:_ Total Loss and LAE: Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term)	ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Total Loss and LAE: Loss and ALAE: ULAE:_ ULAE:_	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term) Short-	ULAE:_ Term Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836 \$432,171 43,563 \$475,734	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174 \$456,054 45,970 \$502,024	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006 \$484,486 48,836 \$533,322	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352 \$571,715	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052 \$623,044
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term) Short- Non-Current (Long Term)	ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Term Loss and ALAE: Loss and ALAE: ULAE:_ Total Loss and LAE: Loss and ALAE: ULAE:_ Term Loss and ALAE: ULAE:_ Loss and ALAE: ULAE:_ Term Loss and ALAE: Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836 \$432,171 43,563 \$475,734 \$2,328,754	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174 \$456,054 45,970 \$502,024 \$2,457,448	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006 \$484,486 48,836 \$533,322 \$2,610,656	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352 \$571,715 \$2,798,591	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052 \$623,044 \$3,049,851
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term) Short- Non-Current (Long Term) Long-	ULAE:_ Term Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836 \$432,171 43,563 \$475,734 \$2,328,754 149,718 \$2,478,472	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174 \$456,054 45,970 \$502,024 \$2,457,448 157,993 \$2,615,441	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006 \$484,486 48,836 \$533,322 \$2,610,656 167,843 \$2,778,499	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352 \$571,715 \$2,798,591 179,924 \$2,978,515	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052 \$623,044 \$3,049,851 196,079 \$3,245,930
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term) Short- Non-Current (Long Term)	ULAE:_ Term Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836 \$432,171 43,563 \$475,734 \$2,328,754 149,718 \$2,478,472 \$2,760,925	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174 \$456,054 45,970 \$502,024 \$2,457,448 157,993 \$2,615,441 \$2,913,502	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006 \$484,486 48,836 \$533,322 \$2,610,656 167,843 \$2,778,499 \$3,095,142	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352 \$571,715 \$2,798,591 179,924 \$2,978,515 \$3,317,954	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052 \$623,044 \$3,049,851 196,079 \$3,245,930 \$3,615,843
	Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability ties as of 6/30/16: Current (Short Term) Short- Non-Current (Long Term) Long- Total Liability	ULAE:_ Term Loss and ALAE:	\$449,056 58,767 \$507,823 \$2,680,570 183,443 \$2,864,013 \$3,129,626 242,210 \$3,371,836 \$432,171 43,563 \$475,734 \$2,328,754 149,718 \$2,478,472	\$473,873 62,015 \$535,888 \$2,828,706 193,580 \$3,022,286 \$3,302,579 255,595 \$3,558,174 \$456,054 45,970 \$502,024 \$2,457,448 157,993 \$2,615,441	\$503,416 65,881 \$569,297 \$3,005,060 205,649 \$3,210,709 \$3,508,476 271,530 \$3,780,006 \$484,486 48,836 \$533,322 \$2,610,656 167,843 \$2,778,499	\$539,655 70,624 \$610,279 \$3,221,387 220,453 \$3,441,840 \$3,761,042 291,077 \$4,052,119 \$519,363 52,352 \$571,715 \$2,798,591 179,924 \$2,978,515	\$588,106 76,964 \$665,070 \$3,510,606 240,246 \$3,750,852 \$4,098,712 317,210 \$4,415,922 \$565,992 57,052 \$623,044 \$3,049,851 196,079 \$3,245,930

Note: Current (short term) liabilities are the portion of the total estimated liability shown on Appendix F that is expected to be paid out within the coming year. Totals may vary from Exhibit 1, due to rounding.

Discount Factors to be Applied to Overall Reserves

Accident Year	Full Value of Reserve at 6/30/15 (A)	Discount Factor (B)	Discounted Reserve at 6/30/15 (C)	Full Value of Reserve at 6/30/16 (D)	Discount Factor (E)	Discounted Reserve at 6/30/16 (F)
Prior	\$10,533	0.988	\$10,404	\$8,985	0.988	\$8,875
1995-1996	13,986	0.966	13,513	10,210	0.988	10,085
1996-1997	58,739	0.947	55,600	51,690	0.966	49,941
1997-1998	22,627	0.929	21,015	20,048	0.947	18,977
1998-1999	27,735	0.912	25,298	25,156	0.929	23,364
1999-2000	40,734	0.897	36,528	36,783	0.912	33,551
2000-2001	27,330	0.883	24,133	24,788	0.897	22,229
2001-2002	81,266	0.870	70,677	71,270	0.883	62,933
2002-2003	33,971	0.859	29,180	24,561	0.870	21,361
2003-2004	240,504	0.850	204,397	216,694	0.859	186,134
2004-2005	69,384	0.843	58,467	62,099	0.850	52,776
2005-2006	55,696	0.836	46,564	49,959	0.843	42,098
2006-2007	0	0.831	0	0	0.836	0
2007-2008	0	0.830	0	0	0.831	0
2008-2009	311,731	0.831	258,906	270,894	0.830	224,903
2009-2010	382,778	0.829	317,423	335,696	0.831	278,810
2010-2011	359,500	0.828	297,755	315,641	0.829	261,748
2011-2012	433,519	0.825	357,455	387,132	0.828	320,641
2012-2013	482,768	0.823	397,332	425,319	0.825	350,694
2013-2014	633,021	0.822	520,639	550,095	0.823	452,744
2014-2015	0	0.832	0	0	0.822	0
2015-2016	0	-	-	0	0.832	0
Totals	\$3,285,822		\$2,745,286	\$2,887,020		\$2,421,864

(G) Discount Factor at 6/30/15 for Overall Reserve:

0.835 0.839

(H) Discount Factor at 6/30/16 for Overall Reserve:

Notes:

- (A) From Appendix F, Outstanding Liability at 6/30/15.
- (B) Based on Appendix H, Page 2, Column (E).
- (C) (A) x (B).
- (D) From Appendix F, Outstanding Liability at 6/30/16.
- (E) Based on Appendix H, Page 2, Column (E).
- (F) (D) x (E).
- (G) Total of (C) / Total of (A).
- (H) Total of (F) / Total of (D).

This exhibit shows the expected impact of anticipated investment income on the liability for outstanding claims at the date of evaluation and the end of the current fiscal year. For example, if the discount factor in item (G) is 0.835, the discounted liability for outstanding claims is 83.5% of the full value.

Calculation of Discount Factors

Payment	Payment	Discounted*	Undiscounted	Discount
Year	Pattern	Reserves	Reserves	Factor
(A)	(B)	(C)	(D)	(E)
22	12.3%	0.121	0.123	0.988
21	1.4%	0.133	0.137	0.966
20	1.3%	0.142	0.150	0.947
19	1.3%	0.152	0.164	0.929
18	1.3%	0.161	0.177	0.912
17	1.3%	0.171	0.190	0.897
16	1.5%	0.181	0.205	0.883
15	1.4%	0.191	0.219	0.870
14	1.8%	0.204	0.237	0.859
13	2.0%	0.219	0.258	0.850
12	2.4%	0.237	0.282	0.843
11	2.6%	0.257	0.307	0.836
10	2.9%	0.280	0.337	0.831
9	4.2%	0.315	0.379	0.830
8	5.0%	0.356	0.429	0.831
7	5.1%	0.398	0.480	0.829
6	5.8%	0.446	0.538	0.828
5	5.4%	0.489	0.593	0.825
4	6.7%	0.543	0.659	0.823
3	7.8%	0.606	0.737	0.822
2	14.2%	0.732	0.879	0.832
1	12.1%	0.833	1.000	0.833
(F) Discount Fa	actor for Future F	unding:		0.844

Notes:

- (A) This is the year of payment relative to the accident year. For example, year 7 refers to payments made in the seventh year after the inception of the accident year. We assume that payments are made at midyear.
- (B) Percent of ultimate loss paid this year. This payment pattern is based on the paid loss development pattern selected in Appendix B, Page 2.
- (C) Discounted Reserves at the beginning of this year is next year's Discounted Reserves discounted one year plus this year's payments discounted six months. For example, in year 2, 73.2% = [60.6% / 1.025] + [14.2% / (1.012)].

2.5%

- (D) Summation of future (B) values. This is the percent of ultimate loss unpaid at the beginning of the year.
- (E) (C) / (D).

* Assumed Investment Rate:

(F) (E) at year 1, with interest accumulated for six months. We assume that the required funding is deposited at the middle of the first year.

This exhibit shows the calculation of the effect of anticipated investment income on future claims costs. Thus, if the discount factor in item (F) is 0.84, on a discounted basis, \$0.84 must be budgeted for every \$1 that will actually be paid on claims that will be incurred in the next fiscal year.

Confidence Level Table

Probability	Projected Losses	Outstanding Losses
050/	2.244	4.000
95%	3.341	1.696
90	2.339	1.493
85	1.828	1.370
80	1.495	1.278
75	1.253	1.203
70	1.065	1.140
65	0.912	1.084
60	0.785	1.033
55	0.675	0.987
50	0.580	0.942
45	0.496	0.900
40	0.421	0.859
35	0.353	0.817
30	0.291	0.776
25	0.234	0.732

To read table: For the above retention, there is a 90% chance

that final loss settlements will be less than

2.339 times the average expected amount of losses.

This exhibit shows the loads that must be applied to bring estimated losses at the expected level to the various indicated confidence levels.

Novato Fire Protection District - Workers' Compensation Program History

Policy	Policy		Self-Insured	Retention
Year	Year	Policy	Per	
Start Date	End Date	Year	Occurrence	Aggregate
7/1/1987	6/30/1995	Prior	275,000	(none)
7/1/1995	6/30/1996	1995-1996	275,000	(none)
7/1/1996	6/30/1997	1996-1997	275,000	(none)
7/1/1997	6/30/1998	1997-1998	275,000	(none)
7/1/1998	6/30/1999	1998-1999	275,000	(none)
7/1/1999	6/30/2000	1999-2000	275,000	(none)
7/1/2000	6/30/2001	2000-2001	275,000	(none)
7/1/2001	6/30/2002	2001-2002	300,000	(none)
7/1/2002	6/30/2003	2002-2003	1,000,000	(none)
7/1/2003	6/30/2004	2003-2004	1,000,000	(none)
7/1/2004	6/30/2005	2004-2005	1,000,000	(none)
7/1/2005	6/30/2006	2005-2006	1,000,000	(none)
7/1/2006	6/30/2007	2006-2007	1,000,000	(none)
7/1/2007	6/30/2008	2007-2008	1,000,000	(none)
7/1/2008	6/30/2009	2008-2009	1,000,000	(none)
7/1/2009	6/30/2010	2009-2010	1,000,000	(none)
7/1/2010	6/30/2011	2010-2011	1,000,000	(none)
7/1/2011	6/30/2012	2011-2012	1,000,000	(none)
7/1/2012	6/30/2013	2012-2013	1,000,000	(none)
7/1/2013	6/30/2014	2013-2014	1,250,000	(none)

Third Party		
Claims	Begin	End
Administrator	Date	Date
Athens	7/1/1987	Current

This exhibit summarizes some of the key facts about the history of the program.

Incurred Losses as of 6/30/15

										Incurred
		Additions	Subtractions			Incurred	Incurred	Incurred	Incurred	Capped at
Accident	Unlimited	to	from	Adjusted	Incurred	Over	Capped at	\$100,000	Capped at	SIR &
Year	Incurred	Losses	Losses	Incurred	Over SIR	\$100,000	\$100,000	to SIR Layer	SIR	Aggregate
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Prior	\$2,190,492	\$0	\$20,361	\$2,170,131	\$0	\$335,417	\$1,834,714	\$335,417	\$2,170,131	\$2,170,131
1995-1996	119,386	0	0	119,386	0	0	119,386		119,386	119,386
1996-1997	592,817	0	0	592.817	0	50.804	542.013		592.817	592,817
1997-1998	451,864	0	0	451.864	0	80,309	371,556	80,309	451,864	451,864
1998-1999	938,818	0	0	938,818	0	247,170	691,649	247,170	938,818	938,818
1999-2000	431,764	0	0	431,764	0	116,070	315,694	116,070	431,764	431,764
2000-2001	558,355	0	0	558,355	5,667	225,797	332,558	220,129	552,688	552,688
2001-2002	1,072,888	0	694	1,072,193	0	468,862	603,332	468,862	1,072,193	1,072,193
2002-2003	177,091	0	0	177,091	0	0	177,091	0	177,091	177,091
2003-2004	1,982,159	0	0	1,982,159	0	1,546,964	435,196	1,546,964	1,982,159	1,982,159
2004-2005	198,520	0	0	198,520	0	0	198,520	0	198,520	198,520
2005-2006	263,457	0	0	263,457	0	0	263,457	0	263,457	263,457
2006-2007	492,982	0	0	492,982	0	222,562	270,420	222,562	492,982	492,982
2007-2008	92,328	0	0	92,328	0	0	92,328	0	92,328	92,328
2008-2009	624,699	0	0	624,699	0	207,339	417,360	207,339	624,699	624,699
2009-2010	680,006	0	0	680,006	0	218,884	461,122	218,884	680,006	680,006
2010-2011	526,423	0	0	526,423	0	202,417	324,006	202,417	526,423	526,423
2011-2012	581,229	0	0	581,229	0	133,843	447,387	133,843	581,229	581,229
2012-2013	231,169	0	0	231,169	0	34,495	196,673	34,495	231,169	231,169
2013-2014	303,528	0	0	303,528	0	2,308	301,220	2,308	303,528	303,528
2014-2015	0	0	0	0	0	0	0	0	0	0
2015-2016	0	0	0	0	0	0	0	0	0	0
Total	\$12,509,975	\$0	\$21,055	\$12,488,919	\$5,667	\$4,093,238	\$8,395,681	\$4,087,571	\$12,483,252	\$12,483,252

- (A) Years are 7/1 to 6/30.
- (B) Provided by the District.
- (C)
- (D) Subrogation Recoveries
- (E) (B) + (C) (D).
- (F) Sum of incurred losses in excess of SIR.
- (G) Sum of incurred losses in excess of \$100,000.
- (H) (E) (G).
- (I) (G) (F).
- (J) (E) (F).
- (K) Minimum of (J) and the aggregate stop loss. See Appendix J.

Paid Losses as of 6/30/15

										Paid
		Additions	Subtractions			Paid	Paid	Paid	Paid	Capped at
Accident	Unlimited	to	from	Adjusted	Paid	Over	Capped at	\$100,000	Capped at	SIR &
Year	Paid	Losses	Losses	Paid	Over SIR	\$100,000	\$100,000	to SIR Layer	SIR	Aggregate
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Prior	\$2,181,828	\$0		\$2,161,467	\$0	\$326,752	\$1,834,714		\$2,161,467	\$2,161,467
1995-1996	107,014	0	0	107,014	0	0	107,014	_	107,014	107,014
1996-1997	542,261	0	0	542,261	0	50,804	491,457	50,804	542,261	542,261
1997-1998	437,373	0	0	437,373	0	80,309	357,065	80,309	437,373	437,373
1998-1999	933,265	0	0	933,265	0	241,617	691,649	241,617	933,265	933,265
1999-2000	404,266	0	0	404,266	0	116,070	288,196	116,070	404,266	404,266
2000-2001	553,337	0	0	553,337	5,667	225,797	327,540	220,129	547,670	547,670
2001-2002	1,046,428	0	694	1,045,734	0	452,495	593,239	452,495	1,045,734	1,045,734
2002-2003	157,029	0	0	157,029	0	0	157,029	0	157,029	157,029
2003-2004	1,764,496	0	0	1,764,496	0	1,329,300	435,196	1,329,300	1,764,496	1,764,496
2004-2005	151,616	0	0	151,616	0	0	151,616	0	151,616	151,616
2005-2006	245,304	0	0	245,304	0	0	245,304	0	245,304	245,304
2006-2007	492,982	0	0	492,982	0	222,562	270,420	222,562	492,982	492,982
2007-2008	92,328	0	0	92,328	0	0	92,328	0	92,328	92,328
2008-2009	419,269	0	0	419,269	0	26,199	393,070	26,199	419,269	419,269
2009-2010	551,222	0	0	551,222	0	155,178	396,044	155,178	551,222	551,222
2010-2011	457,500	0	0	457,500	0	161,279	296,222	161,279	457,500	457,500
2011-2012	421,481	0	0	421,481	0	55,594	365,887	55,594	421,481	421,481
2012-2013	149,232	0	0	149,232	0	0	149,232	0	149,232	149,232
2013-2014	238,979	0	0	238,979	0	0	238,979	0	238,979	238,979
2014-2015	0	0	0	0	0	0	0	0	0	0
2015-2016	0	0	0	0	0	0	0	0	0	0
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Total	\$11,347,212	\$0	\$21,055	\$11,326,156	\$5,667	\$3,443,956	\$7,882,200	\$3,438,289	\$11,320,489	\$11,320,489

- (A) Years are 7/1 to 6/30.
- (B) Provided by the District.
- (C)
- (D) Subrogation Recoveries
- (E) (B) + (C) (D).
- (F) Sum of paid losses in excess of SIR.
- (G) Sum of paid losses in excess of \$100,000.
- (H) (E) (G).
- (I) (G) (F).
- (J) (E) (F).
- (K) Minimum of (J) and the aggregate stop loss. See Appendix J.

Case Reserves as of 6/30/15

										Reserves
		Additions	Subtractions			Reserves	Reserves	Reserves	Reserves	Capped at
Accident	Unlimited	to	from	Adjusted	Reserves	Over	Capped at	\$100,000	Capped at	SIR &
Year	Reserves	Losses	Losses	Reserves	Over SIR	\$100,000	\$100,000	to SIR Layer	SIR	Aggregate
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Prior	\$8,664	\$0	\$0	\$8,664	\$0	\$8,664	\$0	\$8,664	\$8,664	\$8,664
1995-1996	12,372	0	0	12,372	0	0	12,372		12,372	12,372
1996-1997	50,556	0	0	50,556	0	0	50,556		50,556	50,556
1997-1998	14,491	0	0	14,491	0	0	14,491	0	14,491	14,491
1998-1999	5,553	0	0	5,553	0	5,553	0	5,553	5,553	5,553
1999-2000	27,498	0	0	27,498	0	0	27,498		27,498	27,498
2000-2001	5,018	0	0	5.018	0	0	5,018		5,018	5,018
2001-2002	26,460	0	0	26,460	0	16,367	10,093		26,460	26,460
2002-2003	20,062	0	0	20,062	0	0	20,062		20,062	20,062
2003-2004	217,664	0	0	217,664	0	217,664	0		217,664	217,664
2004-2005	46,904	0	0	46,904	0	0	46,904		46,904	46,904
2005-2006	18,153	0	0	18,153	0	0	18,153	0	18,153	18,153
2006-2007	0	0	0	0	0	0	. 0	0	. 0	. 0
2007-2008	0	0	0	0	0	0	0	0	0	0
2008-2009	205,430	0	0	205,430	0	181,140	24,290	181,140	205,430	205,430
2009-2010	128,784	0	0	128,784	0	63,706	65,078	63,706	128,784	128,784
2010-2011	68,923	0	0	68,923	0	41,138	27,784	41,138	68,923	68,923
2011-2012	159,748	0	0	159,748	0	78,248	81,500	78,248	159,748	159,748
2012-2013	81,936	0	0	81,936	0	34,495	47,441	34,495	81,936	81,936
2013-2014	64,549	0	0	64,549	0	2,308	62,241	2,308	64,549	64,549
2014-2015	0	0	0	0	0	0	0	0	0	0
2015-2016	0	0	0	0	0	0	0	0	0	0
Total	\$1,162,763	\$0	\$0	\$1,162,763	\$0	\$649,283	\$513,480	\$649,283	\$1,162,763	\$1,162,763

- (A) Years are 7/1 to 6/30.
- (B) Appendix K, Page 1, Column (B) Appendix K, Page 2, Column (B).
- (C) Appendix K, Page 1, Column (C) Appendix K, Page 2, Column (C).
- (D) Appendix K, Page 1, Column (D) Appendix K, Page 2, Column (D).
- (E) (B) + (C) (D).
- (F) Sum of case reserves in excess of SIR.
- (G) Sum of case reserves in excess of \$100,000.
- (H) (E) (G).
- (I) (G) (F).
- (J) (E) (F).
- (K) Minimum of (J) and the aggregate stop loss. See Appendix J.

Claim Counts as of 6/30/15

Accident Year (A)	Reported Claims (B)	Additions to Reported Claims (C)	Subtractions from Reported Claims (D)	Adjusted Reported Claims (E)	Closed Claims (F)	Additions to Closed Claims (G)	Subtractions from Closed Claims (H)	Adjusted Closed Claims (I)	Open Claims (J)	Adjusted Open Claims (K)
Prior	264	0	20	244	263	0	20	243	1	1
1995-1996	35	0	3	32	34	0	3	31	1	1
1996-1997	39	0	5	34	37	0	5	32	2	2
1997-1998	28	0	2	26	27	0	2	25	1	1
1998-1999	34	0	3	31	33	0	3	30	1	1
1999-2000	31	0	0	31	29	0	0	29	2	2
2000-2001	28	0	2	26	27	0	2	25	1	1
2001-2002	25	0	1	24	23	0	1	22	2	2
2002-2003	30	0	0	30	29	0	0	29	1	1
2003-2004	35	0	4	31	34	0	4	30	1	1
2004-2005	25	0	5	20	24	0	5	19	1	1
2005-2006	29	0	2	27	28	0	2	26	1	1
2006-2007	25	0	2	23	25	0	2	23	0	0
2007-2008	20	0	2	18	20	0	2	18	0	0
2008-2009	24	0	1	23	21	0	1	20	3	3
2009-2010	27	0	1	26	24	0	1	23	3	3
2010-2011	25	0	6	19	22	0	6	16	3	3
2011-2012	24	0	5	19	19	0	5	14	5	5
2012-2013	24	0	1	23	22	0	1	21	2	2
2013-2014	32	0	4	28	27	0	4	23	5	5
2014-2015	0	0	0	0	0	0	0	0	0	0
2015-2016	0	0	0	0	0	0	0	0	0	0
Total	804	0	69	735	768	0	69	699	36	36

- (A) Years are 7/1 to 6/30.
- (B) Provided by the District.
- (C)
- (D) Closed claims with no payment
- (E) (B) + (C) (D).
- (F) Provided by the District.
- (G)
- (H) Closed claims with no payment
- (I) (F) + (G) (H). (J) (B) (F). (K) (E) (I).

Exposure Measures

Accident Year	Total Payroll (\$00) (A)	Inflation Trend Factor (B)	Trended Payroll (\$00) (C)
Prior			
1995-1996			
1996-1997			
1997-1998			
1998-1999			
1999-2000			
2000-2001			
2001-2002			
2002-2003			
2003-2004			
2004-2005			
2005-2006	87,368	1.280	111,831
2006-2007	97,871	1.249	122,241
2007-2008	118,242	1.219	144,137
2008-2009	126,628	1.189	150,561
2009-2010	114,621	1.160	132,961
2010-2011	100,374	1.132	113,623
2011-2012	103,342	1.104	114,090
2012-2013	104,205	1.077	112,229
2013-2014	106,615	1.051	112,052
2014-2015	108,079	1.025	110,781
2015-2016	108,079	1.000	108,079
2016-2017			

- (A) Provided by the District.
- Based on WCIRB.
- (B) (C) (A) x (B).