SELF-INSURED WORKERS COMPENSATION PROGRAM

INDICATED LIABILITIES AS OF JUNE 30, 2015

INDICATED LOSS FUNDING FOR FISCAL YEAR JULY 1, 2015-16

September 30, 2015





September 30, 2015

Sent Via Email

Mr. David C. Wilkinson Comptroller City of Newton Commonwealth Avenue and Walnut St. Newton Centre, MA 02159

Dear David:

Enclosed you will find our report regarding the City of Newton's self funded Workers Compensation program as of June 30, 2015.

Indicated outstanding losses and funding for the coming year have increased slightly from last year's indications based primarily on the increase of pension claims.

It has been a pleasure being of service again to the City. Please feel free to contact me if you have any questions regarding this report.

Sincerely,

Robert W. Van Epps, FCAS, MAAA

Rolet W. Van Eppo

Managing Principal

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	2
CONDITIONS AND LIMITATIONS	3
DISTRIBUTION AND USE	6
SUMMARY AND CONCLUSIONS	7
ANALYSIS	10
EXHIBITS	

INTRODUCTION

Financial Risk Analysts, LLC has been retained by the City of Newton (the City) to provide actuarial services regarding its self funded Workers Compensation program. The City has been fully self-funded on a pay as you go basis since at least 1956. Claims are handled by the City's Personnel Department which administers and processes benefits payments. Excess Workers Compensation coverage is not purchased and the City therefore assumes unlimited exposure to loss.

Financial Risk Analysts has been retained to provide indicated liability levels for the City's self funded Workers Compensation losses as of June 30, 2015. In addition, we have been requested to provide an indicated contribution to the self insurance fund for the one year period beginning July 1, 2015.

The estimates in this report were developed in accordance with the principals of the Casualty Actuarial Society and the applicable standards of the American Academy of Actuaries.

I, Robert W. Van Epps, am a Principal for Financial Risk Analysts, LLC. I am an independent consultant to the City. I am a Member of the American Academy of Actuaries and a Fellow of the Casualty Actuarial Society. I meet the qualification standards of the American Academy of Actuaries to issue this report.

CONDITIONS AND LIMITATIONS

GENERAL

Throughout this report and its exhibits the term "loss" is used to refer to both losses and allocated loss adjustment expenses (ALAE). ALAE provides for all expenses associated with the handling and settling of claims that can be directly attributable to a particular claim. Such expenses typically include claim handling fees, legal fees, investigatory expenses, medical reports, expert witness fees, rehabilitation costs, etc. No other costs associated with the City's self insured Workers Compensation program other than losses and ALAE have been considered in this report.

DATA

In this report we have used historical data and other information provided to us by the City of Newton. This data consist primarily of historical loss and exposure information for the City. In addition we have relied on various oral representations made to us by employees of the City. Although the data supplied have been reviewed for purposes of reasonability, we have not independently audited or verified this information and we assume it to be accurate and complete.

The results of our analysis will be contingent upon the reliability of the information supplied to us and such reliability is the responsibility of the City. Should the City become aware of any significant discrepancies in the data reported to us we should be notified of such discrepancies and this report will be amended, if necessary.

We were provided with the following data:

 Accident year losses paid during fiscal years 1988-2015 for General Government employees. Losses paid prior to 1988 were not provided to us. The term "accident year" refers to the year in which the accident leading to the injury took place. "Losses" refers to benefits paid for either indemnity (lost wages) or medical benefits.

- Data and information for long term disability and death cases. These are referred to as "pension cases".
- Covered payroll information by class code for Fiscal Years 1992-2015 and estimated payroll for fiscal year 2015.

We have made various assumptions to adjust for any missing or incomplete data. The City should recognize, however, that given the considerable breadth and scope of its self funded program, the relatively limited data available increases the uncertainty associated with this actuarial study. The City does not fully establish case reserves for reported Workers Compensation cases. We encourage the City to establish procedures whereby such reserves are set up for all claims. This will considerably increase the accuracy of future actuarial studies and should also improve the City's ability to manage the self insurance program.

In performing our analysis we also relied on data and information obtained from insurance industry sources to supplement the actual historical data provided to us by the City. Such data include loss development patterns, loss trend factors, loss payout patterns, and benefit level changes for Massachusetts Workers Compensation.

UNCERTAINTY

Actuarial projections, by their nature, are estimates of future contingent events that cannot be known with certainty. The ultimate liability of the City for its retained losses will be subject to events that have yet to occur such as the size of future Workers Compensation awards, future economic conditions, and the propensity for workers to file claims for Workers Compensation. No assumptions have been made in this report as to any extraordinary changes in the legal, social, or judicial environment that might affect future losses.

While we believe the results presented in this report are reasonable and reflect the use of accepted actuarial principles and standards of practice, it is possible that actual future loss results of the City will differ, perhaps materially, from those projected herein. In particular, as noted

previously, the lack of case reserve estimates increases the degree of uncertainty in our loss estimates. In addition, since excess coverage is not purchased, the City is exposed to unlimited losses, which further increases the uncertainty associated with our projections. Nothing in this report should be construed as a warranty or guarantee as to the adequacy of the liability estimates contained herein.

ASSET QUALITY/INVESTMENT INCOME

No attempt has been made to evaluate the quality of the invested or non invested assets supporting the loss and ALAE liabilities of the City. It has been assumed that the City's loss and ALAE liabilities are supported by creditworthy assets with minimal risk of default and/or capital loss.

In this report we present the pension case losses on a discounted basis. This is a generally accepted approach for purposes of establishing liabilities for claims with fixed and determinable payment levels. Discounted reserves reflect the time value of money and represent the present value as of June 30, 2015 of the expected future loss payments. For purposes of discounting the pension case loss estimates we used an annual interest rate of 5.0%, as selected by the City. It is important to note that interest/appreciation earned on the assets supporting these liabilities should be credited to the self insurance fund. Alternatively, future years' contributions to the self insurance fund can be increased to offset the interest amortization. Based on historic and current long term yields, and on the rates typically used in pension analyses, we believe this is a reasonable interest rate to use for pension claims. It should be noted, however, that we render no opinion on the ability of the City to earn at least 5.0% on the invested assets supporting the self insurance liabilities.

DISTRIBUTION AND USE

This report is provided solely for the use of the City of Newton in evaluating its self funded Workers Compensation liabilities as of June 30, 2015. A copy of this report may also be provided to the City's auditors with the proviso that the report is copied in its entirety and that each party receiving a copy of this report agrees to not distribute the report to any other third party.

Distribution of this report to parties other than those referenced above is not authorized without the express written consent of Financial Risk Analysts, LLC.

SUMMARY AND CONCLUSIONS

Indicated Liabilities as of June 30, 2015

Based upon our analysis, the table below summarized the indicated liability (unpaid losses) for the City's self-insured Workers Compensation program as of June 30, 2015:

General Government Workers Compensation Self Insured Liability As Of June 30, 2015				
Other Than Pension Cases	\$2,415,317			
Pension Cases	\$6,008,222			
Total Liability	\$8,423,539			

The liability indication provided above is intended to provide for all General Government Workers Compensation losses incurred by the City from inception of its self funded program through June 30, 2015 under the terms and conditions of its statutory obligations, but which have not been paid as of June 30, 2015.

The above liability is based on an actuarial central estimate and provides for what is commonly known as "expected losses." Expected losses represent the best estimate of the City's outstanding losses as of June 30, 2015 and reflect a statistical confidence level of approximately 53%. This means there is a 53% likelihood that actual losses will be less than or equal to expected losses.

Any actuarial estimate of loss reserves is subject to inherent variability. While expected losses represent the best estimate of losses to be incurred, actual losses in any given year can be expected to differ from expected losses. Funding at expected loss levels will entail a degree of risk (47%) that reserve levels will be exceeded. If the City wishes to fund at a level with a higher

degree of statistical confidence, i.e. with a lower probability of reserves being inadequate, it may wish to fund at a higher loss level than that indicated by expected losses.

The liabilities indicated above include a provision for the following:

- Losses on claims that have occurred but that are not yet known and not yet reported to
 the City. These claims are part of the reserve provision known as IBNR or Incurred
 But Not Reported.
- Future loss development on known, recorded claims. This is also considered a part of the IBNR reserve.

Indicated Loss Funding For Fiscal Year 2015

As calculated on Exhibit 1.2, the table below summarizes our recommended loss funding for losses occurring during the fiscal period July 1, 2015 to June 30, 2016.

General Government Workers Compensation Indicated Loss Funding Fiscal Year July 1, 2015-16				
Other Than Pension Cases	\$1,379,732			
Pension Cases	\$165,980			
Total Loss Funding	\$1,545,712			

The indicated funding level is based on estimated payroll as shown on Exhibit 1.2 of approximately \$48.6 million for General Government employees. The fiscal year 2016 recommended loss funding is intended to provide solely for losses occurring during the period July 1, 2015-2016. It does not include a provision to amortize any surplus or deficit in the fund balance as of June 30, 2015. The City may wish to make an adjustment to the extent a surplus or deficit exists. The loss funding also does not include any provisions for expenses related to the self-insured program. The City may want to consider any such expenses when determining the total cost of the program.

As with the liability estimate, the funding indication is based on an actuarial central estimate and thus reflects an expected level of losses in the coming year. If the City wishes to fund at a level with a higher degree of statistical confidence, i.e. with a lower probability of the funding amount being inadequate to cover losses, it may wish to fund at a higher loss level than that indicated by expected losses.

As also shown on Exhibit 1.2 we are projecting an overall pure premium of \$3.18 for fiscal year 2016. A pure premium is defined as expected losses per unit of exposure. Losses are defined as previously noted. For Workers Compensation the standard exposure unit is \$100 of payroll. No other costs or expenses associated with the operation of the self funded program are included in our estimates.

ANALYSIS

BACKGROUND INFORMATION

This analysis reviews the City of Newton's self funded Workers Compensation program as of June 30, 2015. The City has been self funded for a considerable period of time. The actual inception date is unknown. The data provided to us include claims with date of loss going back to 1956. Our analysis therefore includes loss estimates for accident years 1956 through 2015. We have assumed no liability exists for years prior to 1956.

As mentioned previously, the data provided to us does not include any payments made on claims closed prior to 1988 nor does it include payments made prior to 1988 on all other claims.

ASSUMPTIONS AND METHODOLOGY

Indicated Outstanding Losses

We have used two commonly applied actuarial methodologies to estimate the City's outstanding losses. These are the paid loss development and the Bornhuetter-Ferguson paid loss method. From the results of these approaches final loss selections were made. The following is a detailed description of each of the methodologies used.

• Paid Loss Development Method

The paid loss development method is a method in which paid losses are projected to an ultimate level based on historical development patterns. An analysis of the changes in accident year incurred losses between various valuation points provides a basis for estimating future changes. Paid losses are projected to an ultimate level based on historical paid loss development patterns. This method assumes that loss settlement and payment patterns have remained reasonably stable over time.

Paid loss development patterns have been derived from the City's own historical loss experience supplemented with insurance industry experience. Loss development factors are shown on Exhibits 5.1-5.3.

The actual historical loss experience of the City is shown on Exhibits 5.1-5.3. Because medical only claims are paid and closed in a relatively short period of time, we have been able to use the payment history provided to us by the City as the basis for making medical only claims projections.

For claims with indemnity experience displayed on Exhibits 5.1-5.2, we have had to adjust the losses to reflect the missing payments made prior to 1988. The losses have been adjusted using historical experience for the City and the industry. Adjusted losses are presented on Exhibits 5.1 and 5.2 and these are used for purposes of selecting loss development factors.

Bornhuetter-Ferguson Paid Loss Method

This approach is essentially a credibility weighted average of two other reserving methods; the paid loss development method and the expected loss method. The expected loss method simply sets the indicated reserve equal to the difference between expected losses and paid losses. It produces very stable results but fails to incorporate actual results as they emerge.

The Bornhuetter-Ferguson method blends the paid loss development method and the expected loss method by splitting expected losses into two distinct pieces; expected paid losses and expected unpaid losses. As an accident year matures, the expected paid losses are replaced with actual reported losses plus expected unreported losses. Thus, as the year matures, the initial expected incurred loss estimate becomes less important while the actual paid loss experience increases in importance. In order to use this method, one must estimate both the initial expected losses and the expected loss payment pattern.

The Bornhuetter-Ferguson methods are displayed on Exhibits 3.1 and 3.2.

We estimate initial expected losses by applying an expected pure premium (loss cost) to exposure (payroll) for each year. Pure premium amounts are determined on Exhibits 3.3 and 3.4 for indemnity and medical only respectively. They are based on results for the more recent years projected to current benefit and trend levels. For older year, we use pure premium amounts based on longer term averages or prior analyses.

Expected loss payment patterns are developed from the paid loss development factors on Exhibits 5.1 and 5.2.

Ultimate losses are selected on Exhibit 2.1 and 2.2. We generally relied on the results of the Bornhuetter-Ferguson approach for our selections. The more recent years will be the most uncertain ones and will exhibit the greatest volatility. Use of the Bornhuetter-Ferguson approach will dampen this volatility and should produce more stable and reliable results.

Note that for both methods adjusted paid losses rather than actual paid losses have been used for indemnity. Our results therefore produce a valid estimate of ultimate losses for a particular year even though payments made prior to 1988 are missing.

Indicated outstanding losses are determined by subtracting paid losses from the selected ultimate losses for indemnity and medical only.

Pension Cases

Pension cases have been analyzed separately on Exhibit 2.3. US Life Tables 2010 Vital Statistics for Males and Females have been used to determine annuity values for these claims using a 5.0% annual rate of interest. Amortizing such claims for mortality and interest is a common practice when establishing liabilities for these types of claims.

It has been assumed for the permanent total and death claims that benefits will be payable for life. For the temporary disability claims it has been assumed that benefits will be paid for the statutory maximum five years unless an alternate cap date has been provided by the City.

Effective July 1, 1999 the City elected to opt out of the Massachusetts Workers Compensation Trust Fund. As a result the City's liability for pension claims increased significantly. Prior to July 1, 1999, the City's net liability for pension claims was limited to the base benefit for each claim. The base benefit is the benefit established at the time of injury. It is a function of the injured worker's salary at the time of injury.

Benefits for pension claims are subject to annual cost of living adjustments. As a participant in the Trust Fund the City was not responsible for paying cost of living adjustments. By opting out the City is now responsible for paying a benefit equal to the initial base benefit plus the accumulated cost of living adjustments. In addition, the City will be responsible for paying future cost of living adjustments. We used a 3.0% annual cost of living adjustment in the pension claim calculation. Offsetting this somewhat is the fact that the City will no longer be subject to assessment by the Trust Fund.

Fiscal Year 2016 Funding

Exhibit 1.2 displays recommended funding separately for non-pension indemnity and medical claims for the July 1, 2015-2016 period. Funding is determined by multiplying the pure premium in column (1) by the covered payroll in column (2). The City may wish to adjust the indicated funding if actual payroll amounts are different from those displayed on Exhibit 1.2. A provision for pension claims has also been included based on the City's historical experience for these types of claims.

Based on the payroll data provided to us, we are indicating funding of \$1,545,712 for General Government employees. Overall, our analysis produces indicated funding of \$3.18 per \$100 of payroll for General Government employees. This consists of \$2.70 for non-pension indemnity claims, \$0.14 for medical only claims, and \$0.34 for pension claims.

WORKERS COMPENSATION INDICATED LIABILITY AS OF JUNE 30, 2015 SUMMARY OF RESULTS

Indicated Liability As of June 30, 2015		
GENERAL GOVERNMENT		
A. Other Than Pension Claims	\$2,415,317	
B. Pension Claims	\$6,008,222	
C. Total	\$8,423,539	

A. Exhibits 2.1 and 2.2

B. Exhibit 2.3

WORKERS COMPENSATION INDICATED FUNDING FISCAL YEAR 2016

	Expected Loss Cost (1)	Exposure (Payroll \$00) (2)	Expected Losses (3)=(1)x(2)
Non-Pension Claims Indemnity Medical Only Total	\$2.70 <u>\$0.14</u> \$2.84	\$485,821 \$485,821	1,311,717 <u>68,015</u> 1,379,732
Pension Claims			165,980
TOTAL	\$3.18		1,545,712

⁽¹⁾ Exhibits 3.3 and 3.4

⁽²⁾ Exhibit 6

⁽³⁾ Pension provision based on analysis of average annual pension claims

WORKERS COMPENSATION INDEMNITY INDICATED OUTSTANDING LOSSES FISCAL YEARS 1988-2015

Indicated Ultimate Losses									
		Selected	Indicated						
Fiscal	Paid	Paid	Paid	Ultimate	Outstanding				
<u>Year</u>	Losses	<u>LDF</u>	Born-Ferg	Losses	Losses				
(1)	(2)	(3)	(4)	(5)	(6)=(5)-(2)				
1988	\$731,803		\$731,803	\$731,803	\$0				
1989	550,947		550,947	550,947	0				
1990	403,358		403,358	403,358	0				
1991	1,043,766		1,043,766	1,043,766	0				
1992	525,993		525,993	525,993	0				
1993	361,292		361,292	361,292	0				
1994	362,024		362,024	362,024	0				
1995	523,834		523,834	523,834	0				
1996	356,685		356,685	356,685	0				
1997	727,631		727,631	727,631	0				
1998	429,650	429,650	429,650	429,650	0				
1999	310,631	310,631	310,631	310,631	0				
2000	691,332	691,332	691,332	691,332	0				
2001	507,449	507,449	507,449	507,449	0				
2002	603,695	604,298	604,333	604,333	638				
2003	596,217	598,005	598,325	598,325	2,108				
2004	753,558	758,079	757,580	757,580	4,022				
2005	565,465	571,120	572,776	572,776	7,311				
2006	424,518	430,886	435,930	435,930	11,412				
2007	498,398	509,861	516,435	516,435	18,037				
2008	491,505	510,182	524,262	524,262	32,757				
2009	876,273	932,354	929,245	929,245	52,972				
2010	525,314	579,422	617,567	617,567	92,253				
2011	726,135	843,043	875,555	875,555	149,420				
2012	563,095	694,296	785,134	785,134	222,039				
2013	653,323	894,399	1,006,508	1,006,508	353,185				
2014	905,230	1,511,735	1,416,225	1,416,225	510,995				
2015	212,991	782,529	1,140,544	1,140,544	927,553				
Total	\$15,922,111		\$18,306,813	\$18,306,813	\$2,384,702				

^{(2),(4)} Exhibit 3.1

⁽³⁾ Exhibit 4.1

WORKERS COMPENSATION MEDICAL ONLY INDICATED OUTSTANDING LOSSES

		Indicated III	timate Losses		
		Selected	Indicated		
Fiscal	Paid	Paid	lethod Paid	Ultimate	Outstanding
Year	Losses	LDF	Born-Ferg	Losses	Losses
(1)	(2)	(3)	(4)	(5)	(6)=(5)-(2)
1992	\$50,185	\$50,185	\$50,185	\$50,185	\$0
1993	55,048	55,048	55,048	55,048	0
1994	41,715	41,715	41,715	41,715	0
1995	30,253	30,253	30,253	30,253	0
1996	38,256	38,256	38,256	38,256	0
1997	52,656	52,656	52,656	52,656	0
1998	21,654	21,654	21,654	21,654	0
1999	26,186	26,186	26,186	26,186	0
2000	29,828	29,828	29,828	29,828	0
2001	52,518	52,518	52,518	52,518	0
2002	57,813	57,813	57,813	57,813	0
2003	48,175	48,175	48,175	48,175	0
2004	97,765	97,765	97,765	97,765	0
2005	54,109	54,109	54,109	54,109	0
2006	45,839	45,839	45,839	45,839	0
2007	63,186	63,186	63,186	63,186	0
2008	54,171	54,171	54,171	54,171	0
2009	42,316	42,316	42,316	42,316	0
2010	18,078	18,114	18,196	18,196	118
2011	40,683	40,886	40,975	40,975	292
2012	39,942	40,421	40,637	40,637	695
2013	57,647	59,492	59,552	59,552	1,905
2014	52,822	56,678	57,186	57,186	4,364
2015	51,105	79,519	74,346	74,346	23,241
TOTAL	\$1,121,950	\$1,156,783	\$1,152,565	\$1,152,565	\$30,615

^{(2),(4)} Exhibit 3.2

⁽³⁾ Exhibit 4.2

WORKERS COMPENSATION
PENSION CLAIMS
ESTIMATE OF PRESENT VALUE OF OUTSTANDING LOSSES

Permanent Total Disabil	ity Claims					
			Net			Present
		Date Of	Nearest	Weekly	Annuity	Value Of
<u>Claimant</u>	<u>Sex</u>	<u>Birth</u>	<u>Age</u>	<u>Benefit</u>	<u>Factor</u>	<u>Benefit</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Ahearn, Michael	М	07/29/53	62	\$723.16	15.535	584,183
Brennan, Lawrence	M	12/29/51	64	\$870.88	14.566	659,632
Cronin, Stephen	M	08/08/52	63	\$552.71	15.052	432,608
DiStefano, Frank	M	06/19/49	66	\$860.51	13.596	608,374
Dunne, Robert	M	04/22/65	50	\$635.32	21.162	699,121
Kelly, Stephen	M	12/07/27	88	\$1,202.12	4.272	267,044
McMahon, Robert	M	09/14/44	71	\$1,177.48	11.199	685,703
Pacius, Joseph	M	03/26/50	65	\$693.65	14.081	507,899
Piselli, Lawrence	M	10/03/26	89	\$1,049.28	3.990	217,705
Troy, William	М	06/29/47	68	\$743.36	12.633	488,325
TOTAL						\$5,150,594

Widow Claims						
		•		Net		Present
		Date Of	Nearest	Weekly	Annuity	Value Of
<u>Claimant</u>	<u>Sex</u>	<u>Birth</u>	<u>Age</u>	Benefit	Factor	<u>Benefit</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Adams, Barbara	F	12/03/38	77	\$826.84	9.761	419,681
TOTAL						\$419,681

Temporary Disability C	laims*					
		-		Net		Present
		Date Of	Nearest	Weekly	Annuity	Value Of
<u>Claimant</u>	<u>Sex</u>	<u>Birth</u>	<u>Age</u>	Benefit	<u>Factor</u>	<u>Benefit</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dorsey, John	М	07/16/66	49	\$708.96		180,785
Farina, Roberta	F	02/27/50	65	\$210.87		32,896
Meliones, Kenneth	M	07/12/60	55	\$546.69		107,151
Silva, Frederick	М	06/01/53	62	\$542.20		117,115
TOTAL						\$437,947

GRAND TOTAL PENSION CASES	\$6,008,222

^{(1) *}Guidance for duration of payments for Temporary Disability Claims provided by the City.

WORKERS COMPENSATION INDEMNITY PROJECTION OF ULTIMATE LOSSES FISCAL YEARS 1988-2015 BORNHUETTER-FERGUSON PAID LOSS METHOD

Fiscal		Initial Expected Pure	Initial Expected	Expected Percent of Losses	Paid	Losses	Expected Percent of Losses	Expected Unpaid	Indicated Ultimate	Indicated Ultimate Pure
Year	Exposure	Premium	Losses	Paid	Actual	Expected	Unpaid	Losses	Losses	Premium
(1)	(2)	(3)	(4)=(2)x(3)	(5)	(6)	(7)=(4)x(5)	(8)=1.0-(5)	(9)=(8)x(4)	(10)=(6)+(9)	(11)=(10)/(2)
1988	\$207,265	\$4.90	\$1,015,599	100.0%	\$731,803	\$1,015,599	0.0%	\$0	\$731,803	\$3.53
1989	217,129	5.16	1,120,386	100.0%	\$550,947	1,120,386	0.0%	0	550,947	2.54
1990	220,084	5.39	1,186,253	100.0%	403,358	1,186,253	0.0%	0	403,358	1.83
1991	222,813	5.00	1,114,065	100.0%	1,043,766	1,114,065	0.0%	0	1,043,766	4.68
1992	226,774	4.63	1,049,964	100.0%	525,993	1,049,964	0.0%	0	525,993	2.32
1993	233,157	4.74	1,105,164	100.0%	361,292	1,105,164	0.0%	0	361,292	1.55
1994	253,882	4.22	1,071,382	100.0%	362,024	1,071,382	0.0%	0	362,024	1.43
1995	256,823	4.41	1,132,589	100.0%	523,834	1,132,589	0.0%	0	523,834	2.04
1996	270,263	4.04	1,091,863	100.0%	356,685	1,091,863	0.0%	0	356,685	1.32
1997	282,380	2.58	728,540	100.0%	727,631	728,540	0.0%	0	727,631	2.58
1998	287,177	2.73	783,993	100.0%	429,650	783,993	0.0%	0	429,650	1.50
1999	309,695	2.56	792,819	100.0%	310,631	792,819	0.0%	0	310,631	1.00
2000	314,406	1.85	581,651	100.0%	691,332	581,651	0.0%	0	691,332	2.20
2001	322.083	1.89	608,737	100.0%	507,449	608.737	0.0%	0	507,449	1.58
2002	354,569	1.80	638,224	99.9%	603,695	637,586	0.1%	638	604,333	1.70
2003	362,190	1.94	702,649	99.7%	596,217	700,541	0.3%	2,108	598,325	1.65
2004	362,318	1.85	670,288	99.4%	753,558	666,266	0.6%	4,022	757,580	2.09
2005	365,553	2.00	731,106	99.0%	565,465	723,795	1.0%	7,311	572,776	1.57
2006	378,519	2.01	760,823	98.5%	424,518	749,411	1.5%	11,412	435,930	1.15
2007	405,875	2.02	819,868	97.8%	498,398	801,831	2.2%	18,037	516,435	1.27
2008	415,644	2.13	885,322	96.3%	491,505	852,565	3.7%	32,757	524,262	1.26
2009	414,492	2.13	882,868	94.0%	876,273	829,896	6.0%	52,972	929,245	2.24
2010	420,324	2.36	991,965	90.7%	525,314	899,712	9.3%	92,253	617,567	1.47
2011	416,654	2.58	1,074,967	86.1%	726,135	925,547	13.9%	149,420	875,555	2.10
2012	413,666	2.84	1,174,811	81.1%	563,095	952,772	18.9%	222,039	785,134	1.90
2013	438,957	2.98	1,308,092	73.0%	653,323	954,907	27.0%	353,185	1,006,508	2.29
2014	458,382	2.78	1,274,302	59.9%	905,230	763,307	40.1%	510,995	1,416,225	3.09
2015	465,004	2.74	1,274,111	27.2%	212,991	346,558	72.8%	927,553	1,140,544	2.45
Total	\$9,296,078		\$26,572,401		\$15,922,111	\$24,187,699		\$2,384,702	\$18,306,813	\$1.97

⁽²⁾ Exhibit 6

⁽³⁾ Exhibit 3.3 for 2014 and 2015. Prior years from 6/30/14 analysis.

⁽⁵⁾ Reciprocal of cumulative factors from Exhibits 5.1 and 5.2.

WORKERS COMPENSATION MEDICAL PROJECTION OF ULTIMATE LOSSES FISCAL YEARS 1992-2015 BORNHUETTER-FERGUSON PAID LOSS METHOD

		Initial		Expected			Expected			Indicated
		Expected	Initial	Percent of			Percent of	Expected	Indicated	Ultimate
Fiscal	_	Pure	Expected	Losses		osses	Losses	Unpaid	Ultimate	Pure
<u>Year</u>	Exposure	<u>Premium</u>	Losses	<u>Paid</u>	<u>Actual</u>	Expected	<u>Unpaid</u>	Losses	Losses	<u>Premium</u>
(1)	(2)	(3)	(4)=(2)x(3)	(5)	(6)	(7)=(4)x(5)	(8)=1.0-(5)	(9)=(8)x(4)	(10)=(6)+(9)	(11)=(10)/(2)
1992	\$226,774	\$0.14	\$31,748	100.0%	\$50,185	\$31,748	0.0%	\$0	\$50,185	\$0.22
1993	233,157	0.14	32,642	100.0%	55,048	32,642	0.0%	0	55,048	0.24
1994	253,882	0.14	35,543	100.0%	41,715	35,543	0.0%	0	41,715	0.16
1995	256,823	0.14	35,955	100.0%	30,253	35,955	0.0%	0	30,253	0.12
1996	270,263	0.14	37,837	100.0%	38,256	37,837	0.0%	0	38,256	0.14
1997	282,380	0.14	39,533	100.0%	52,656	39,533	0.0%	0	52,656	0.19
1998	287,177	0.14	40,205	100.0%	21,654	40,205	0.0%	0	21,654	0.08
1999	309,695	0.14	43,357	100.0%	26,186	43,357	0.0%	0	26,186	0.08
2000	314,406	0.14	44,017	100.0%	29,828	44,017	0.0%	0	29,828	0.09
2001	322,083	0.14	45,092	100.0%	52,518	45,092	0.0%	0	52,518	0.16
2002	354,569	0.14	49,640	100.0%	57,813	49,640	0.0%	0	57,813	0.16
2003	362,190	0.14	50,707	100.0%	48,175	50,707	0.0%	0	48,175	0.13
2004	362,318	0.14	50,725	100.0%	97,765	50,725	0.0%	0	97,765	0.27
2005	365,553	0.14	51,177	100.0%	54,109	51,177	0.0%	0	54,109	0.15
2006	378,519	0.14	52,993	100.0%	45,839	52,993	0.0%	0	45,839	0.12
2007	405,875	0.14	56,823	100.0%	63,186	56,823	0.0%	0	63,186	0.16
2008	415,644	0.14	58,190	100.0%	54,171	58,190	0.0%	0	54,171	0.13
2009	414,492	0.14	58,029	100.0%	42,316	58,029	0.0%	0	42,316	0.10
2010	420,324	0.14	58,845	99.8%	18,078	58,727	0.2%	118	18,196	0.04
2011	416,654	0.14	58,332	99.5%	40,683	58,040	0.5%	292	40,975	0.10
2012	413,666	0.14	57,913	98.8%	39,942	57,218	1.2%	695	40,637	0.10
2013	438,957	0.14	61,454	96.9%	57,647	59,549	3.1%	1,905	59,552	0.14
2014	458,382	0.14	64,173	93.2%	52,822	59,809	6.8%	4,364	57,186	0.12
2015	465,004	0.14	65,101	64.3%	51,105	41,860	35.7%	23,241	74,346	0.16
Total	\$8,428,787		\$1,180,031		\$1,121,950	\$1,149,416		\$30,615	\$1,152,565	\$0.14

⁽²⁾ Exhibit 6
(3) Exhibit 3.4 for 2014 and 2015. Prior years from 6/30/14 analysis.
(5) Reciprocal of cumulative factors from Exhibit 5.3.

WORKERS COMPENSATION INDEMNITY PROJECTED PURE PREMIUMS

	Initial			Benefit		
	Projected		Developed	Level	Trend	On Level
Fiscal	Ultimate		Pure	Adjust.	Factor To	Pure
<u>Year</u>	<u>Losses</u>	<u>Exposure</u>	<u>Premium</u>	<u>Factor</u>	<u>1/1/16</u>	<u>Premium</u>
(1)	(2)	(3)	(4)=(2)/(3)	(5)	(6)	(7)
2002	604,298	354,569	1.70	1.077	0.809	1.48
2003	598,005	362,190	1.65	1.075	0.821	1.46
2004	758,079	362,318	2.09	1.075	0.834	1.87
2005	571,120	365,553	1.56	1.068	0.847	1.41
2006	430,886	378,519	1.14	1.057	0.860	1.04
2007	509,861	405,875	1.26	1.046	0.873	1.15
2008	510,182	415,644	1.23	1.034	0.886	1.13
2009	932,354	414,492	2.25	1.022	0.899	2.07
2010	579,422	420,324	1.38	1.019	0.913	1.28
2011	843,043	416,654	2.02	1.021	0.927	1.91
2012	694,296	413,666	1.68	1.013	0.941	1.60
2013	894,399	438,957	2.04	1.004	0.955	1.96
2014	1,511,735	458,382	3.30	1.001	0.970	3.20
2015	782,529	465,004	1.68	1.000	0.985	1.65
(8) MEAN						1.66
(9) LATEST	5					2.06
(10) LATEST	3					2.27
(11) BEST 3						1.84
(12) SELECT	ΓED					2.70
				(13)	(14)	(15)
				(10)	ON LEVEL	TRENDED
FORECAST	ED PURE PREM	ЛUM	1	SELECTED	FACTOR	ON LEVEL
2014			ı	2.70	0.970	2.78
2015				2.70	0.985	2.74
2016				2.70	1.000	2.70

⁽²⁾ Exhibit 4.1

⁽³⁾ Exhibit 6

⁽⁵⁾ Based on Massachusetts benefit level changes

^{(6) -1.5%} annual trend based on 2014 WCRIB MA filing

^{(7) (4)} x (5) x (6)

^{(14) (5)} x (6)

^{(15) (13)/(14)}

WORKERS COMPENSATION MEDICAL ONLY PROJECTED PURE PREMIUMS

	Initial			Benefit		
	Projected		Developed	Level	Trend	On Level
Fiscal	Ultimate		Pure	Adjust.	Factor To	Pure
<u>Year</u>	<u>Losses</u>	Exposure	<u>Premium</u>	<u>Factor</u>	<u>1/1/16</u>	<u>Premium</u>
(1)	(2)	(3)	(4)=(2)/(3)	(5)	(6)	(7)
2002	57,813	354,569	0.16	1.101	0.930	0.16
2003	48,175	362,190	0.13	1.068	0.935	0.13
2004	97,765	362,318	0.27	1.046	0.940	0.27
2005	54,109	365,553	0.15	1.034	0.945	0.15
2006	45,839	378,519	0.12	1.032	0.950	0.12
2007	63,186	405,875	0.16	1.032	0.955	0.16
2008	54,171	415,644	0.13	1.032	0.960	0.13
2009	42,316	414,492	0.10	1.024	0.965	0.10
2010	18,114	420,324	0.04	1.000	0.970	0.04
2011	40,886	416,654	0.10	1.000	0.975	0.10
2012	40,421	413,666	0.10	1.000	0.980	0.10
2013	59,492	438,957	0.14	1.000	0.985	0.14
2014	56,678	458,382	0.12	1.000	0.990	0.12
2015	79,519	465,004	0.17	1.000	0.995	0.17
(8) MEAN						0.14
(9) LATEST 5						0.13
(10) LATEST	3					0.14
(11) BEST 3						0.12
(12) SELECTE	ED					0.14
				(13)	(14)	(15)
					ON LEVEL	TRENDED
FORECASTE	D PURE PREM	ИUM]	SELECTED	FACTOR	ON LEVEL
2014			-	0.14	0.990	0.14
2015				0.14	0.995	0.14
2016				0.14	1.000	0.14

⁽²⁾ Exhibit 4.2

⁽³⁾ Exhibit 6

⁽⁵⁾ Based on Massachusetts benefit level changes

^{(6) -0.5%} annual trend based on 2014 WCRIB MA filing

^{(7) (4)} x (5) x (6)

^{(15) (13)/(14)}

WORKERS COMPENSATION INDEMNITY PROJECTED ULTIMATE LOSSES PAID LOSS DEVELOPMENT METHOD

Fiscal	Paid	Paid	Initial Projected Ultimate Losses (4)=(2)x(3)
<u>Year</u>	<u>Losses</u>	LDF	
(1)	(2)	(3)	
1998	429,650	1.000	429,650
1999	310,631	1.000	310,631
2000	691,332	1.000	691,332
2001	507,449	1.000	507,449
2002	603,695	1.001	604,298
2003	596,217	1.003	598,005
2004	753,558	1.006	758,079
2005	565,465	1.010	571,120
2006	424,518	1.015	430,886
2007	498,398	1.023	509,861
2008	491,505	1.038	510,182
2009	876,273	1.064	932,354
2010	525,314	1.103	579,422
2011	726,135	1.161	843,043
2012	563,095	1.233	694,296
2013	653,323	1.369	894,399
2014	905,230	1.670	1,511,735
2014 2015 TOTAL	212,991 10,334,778	3.674	782,529 12,159,271

^{(2),(3)} Exhibits 5.1 and 5.2

WORKERS COMPENSATION
MEDICAL ONLY
PROJECTED ULTIMATE LOSSES
PAID LOSS DEVELOPMENT METHOD

Fiscal	Paid	Paid	Initial Projected Ultimate Losses (4)=(2)x(3)
<u>Year</u>	<u>Losses</u>	LDF	
(1)	(2)	(3)	
1992	50,185	1.000 1.000	50,185
1993	55,048		55,048
1994	41,715		41,715
1995	30,253		30,253
1996	38,256		38,256
1997	52,656		52,656
1998	21,654		21,654
1999	26,186		26,186
2000	29,828		29,828
2001	52,518		52,518
2002	57,813		57,813
2003	48,175		48,175
2004	97,765		97,765
2005	54,109		54,109
2006	45,839		45,839
2007	63,186		63,186
2008	54,171		54,171
2009	42,316		42,316
2010	18,078		18,114
2011	40,683		40,886
2012	39,942		40,421
2013	57,647		59,492
2013 2014 2015 TOTAL	57,647 52,822 51,105 1,121,950	1.032 1.073 1.556	56,678 79,519 1,156,783

^{(2),(3)} Exhibit 5.3

WORKERS COMPENSATION INDEMNITY LOSS DEVELOPMENT FACTORS

1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	125,123 61,057 251,479 200,283 236,354 256,041 252,218 140,989	309,658 302,209 136,259 533,452 389,798	36 133,598 422,764 400,338	162,488 187,011 500,503	47,779	72 104,034 73,645	85,974 131,996	96 50,271 151,711	108 13,01 79,89 190,85
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338	187,011			131,996	151,711	79,89 190,85
1983 1984 1985 1986 1987 1988 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338	187,011			131,996	151,711	190,85
1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338	187,011			131,996		
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338	187,011					
1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338	187,011		73 6/15		136,739	141,55
1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338	187,011	212 105		97,884	112,151	145,83
1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	422,764 400,338		213,185	253,463	291,687	355,426	372,28
1989 1990 1991 1992 1993 1994 1995 1996 1996 1997 1998 1999 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	302,209 136,259 533,452	400,338	500 503	244,851	257,161	257,537	293,215	294,93
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	61,057 251,479 200,283 236,354 256,041 252,218	136,259 533,452			574,645	703,346	731,742	731,742	731,74
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	251,479 200,283 236,354 256,041 252,218	533,452		495,906	533,152	543,317	543,317	543,317	543,31
1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	200,283 236,354 256,041 252,218		240,897	345,480	396,190	399,793	401,285	401,609	402,38
1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	236,354 256,041 252,218	380 708	803,595	949,121	983,668	1,004,961	1,024,987	1,034,376	1,043,76
1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	256,041 252,218		473,625	508,353	523,441	525,908	525,991	525,991	525,99
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	252,218	328,415	357,812	361,292	361,292	361,292	361,292	361,292	361,29
1996 1997 1998 1999 2000 2001 2002 2003 2004		307,371	323,286	336,139	349,228	362,024	362,024	362,024	362,02
1997 1998 1999 2000 2001 2002 2003 2004	140.989	364,159	408,641	433,274	453,377	482,933	487,876	489,671	489,85
1998 1999 2000 2001 2002 2003 2004		274,415	297,650	313,820	326,365	338,770	351,657	352,487	355,15
1999 2000 2001 2002 2003 2004	196,695	406,077	486,522	531,195	593,981	655,648	684,784	695,698	695,77
2000 2001 2002 2003 2004	226,291	423,091	425,054	425,054	425,054	429,643	429,643	429,643	429,64
2001 2002 2003 2004	128,232	265,674	316,163	316,163	316,195	316,195	316,195	316,195	316,19
2002 2003 2004	179,744	347,949	437,667	506,255	563,350	573,221	585,234	628,446	651,13
2003 2004	256,216	437,942	494,943	498,590	505,217	506,687	506,773	506,773	506,77
2004	226,861	384,059	466,692	558,877	558,877	587,350	587,350	594,358	594,9
	237,930	414,380	442,641	588,053	589,621	595,757	595,904	595,904	596,2
	338,477	480,882	563,330	643,668	694,186	755,783	782,021	782,021	782,02
2005	188,127	437,560	513,875	526,334	563,531	564,858	565,101	565,101	565,25
2006	234,892	421,979	422,760	422,760	423,686	423,686	423,686	423,686	423,68
2007	141,177	294,160	436,185	477,224	494,835	496,742	498,256	498,256	498,39
2008	296,585	430,388	465,051	493,648	493,648	493,648	493,648	491,505	
2009	242,860	568,388	729,978	844,690	874,497	875,028	876,273		
2010	184,013	448,606	476,914	502,004	502,004	525,314			
2011	319,794	648,838	707,668	752,542	726,135				
2012	316,328	467,599	471,203	563,095					
2013	307,568	556,820	653,323						
2014	438,693	905,230							
2015	212,991								
Fiscal				Deve	lopment Facto	ors			
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120
4004									4 577
1981								4.500	1.577
1982							4 705	1.589	1.327
1983						4.000	1.765	1.258	1.221
1984					1.541	1.269	1.036 1.146	1.035	1.243 1.034
1985 1986				1.312	1.189	1.329 1.151	1.219	1.300 1.047	1.000
			1.400	1.312		1.001	1.139		1.006
1987 1988		1.365	1.184	1.148	1.050 1.224	1.040	1.000	1.006 1.000	1.000
	2.415								
1989	2.415	1.325	1.239	1.075	1.019	1.000	1.000	1.000	1.000
1990	2.232	1.768	1.434	1.147	1.009 1.022	1.004 1.020	1.001	1.002	1.000
1991	2.121	1.506	1.181	1.036			1.009	1.009	1.000
1992	1.946	1.215	1.073	1.030	1.005	1.000	1.000	1.000	1.000
1993	1.390	1.090	1.010	1.000	1.000	1.000	1.000	1.000	1.000
1994	1.200	1.052	1.040	1.039	1.037	1.000	1.000	1.000	1.000
1995	1.444	1.122	1.060	1.046	1.065	1.010	1.004	1.000	1.000
1996	1.946	1.085	1.054	1.040	1.038	1.038	1.002	1.008	1.004
1997	2.065	1.198	1.092	1.118 1.000	1.104	1.044	1.016	1.000	1.022
1998 1999	1.870 2.072	1.005 1.190	1.000 1.000	1.000	1.011 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000
2000	1.936	1.190	1.157	1.113	1.018	1.021	1.000	1.036	1.000
2001	1.709	1.130	1.007	1.013	1.003	1.000	1.000	1.000	1.000
2002	1.693	1.215	1.198	1.000	1.051	1.000	1.012	1.001	1.013
2003	1.742	1.068	1.329	1.003	1.010	1.000	1.000	1.001	1.000
2004	1.421	1.171	1.143	1.078	1.089	1.035	1.000	1.000	1.000
2005	2.326	1.174	1.024	1.071	1.002	1.000	1.000	1.000	1.000
2006	1.796	1.002	1.000	1.002	1.000	1.000	1.000	1.000	1.002
2007	2.084	1.483	1.094	1.037	1.004	1.003	1.000	1.000	
2008	1.451 2.340	1.081 1.284	1.061	1.000 1.035	1.000 1.001	1.000 1.001	0.996		
2009			1.157			1.001			
2010	2.438	1.063	1.053	1.000	1.046				
2011	2.029	1.091	1.063	0.965					
2012	1.478	1.008	1.195						
	1.810 2.063	1.173							
2013 2014	2.000								
2013 2014	1.885	1.197	1.125	1.062	1.059	1.037	1.054	1.050	1.036
2014 an	1.784	1.091	1.104	1.000	1.016	1.001	0.999	1.000	1.001
2014 an r. Mean	1.964	1.124	1.106	1.007	1.010	1.001	0.999	1.000	1.003
2014 an r. Mean r. Mean		1.109	1.094	1.012	1.001	1.001	1.000	1.000	1.001
2014 an r. Mean	1.968								
2014 an : Mean : Mean	1.968 2.200	1.220	1.110	1.062	1.053	1.037	1.025	1.015	1.008

WORKERS COMPENSATION INDEMNITY LOSS DEVELOPMENT FACTORS

Fiscal					Adj	usted Cumul	ative Paid L d As Of (Mo		ΛE				
<u>Year</u>	<u>120</u>	132	144	<u>156</u>	<u>168</u>	180	192	204	<u>216</u>	228	240	<u>252</u>	264
1978			21,834	21,834	21,834	21,834	21,834	21,834	21,834	21,834	21,834	21,834	21,834
1979		48,767	73,098	110,017	132,877	144,057	145,357	145,357	145,357	145,357	145,357	145,357	145,357
1980	35,296	54,135	73,763	94,286	110,435	110,435	110,435	110,435	110,435	110,435	110,435	110,435	110,435
1981	20,529	27,144	33,759	40,405	42,640	44,884	47,119	49,354	51,589	53,824	56,059	58,294	60,529
1982	106,029	122,456	140,818	159,999	160,887	160,887	160,887	160,887	160,887	160,887	160,887	160,887	160,887
1983	233,090	249,208	260,364	269,481	278,497	287,513	298,111	302,775	307,239	311,703	316,167	320,631	325,295
1984	175,886	181,486	185,599	186,549	186,549	186,549	186,549	186,549	186,549	186,549	186,549	186,549	186,549
1985	150,852	150,852	150,852	150,852	150,852	150,852	150,852	150,852	150,852	150,852	150,852	150,852	150,852
1986	372,283	372,283	372,283	372,283	372,283	372,283	372,283	372,283	372,283	372,283	372,283	372,283	372,283
1987	296,657	297,654	297,654	297,654	297,654	297,654	297,654	297,654	297,654	297,654	297,654	297,654	297,654
1988	731,742	731,742	731,742	731,742	731,742	731,742	731,803	731,803	731,803	731,803	731,803	731,803	731,803
1989	543,317	543,317	543,317	543,317	543,317	543,317	543,317	543,317	543,317	550,947	550,947	550,947	550,947
1990	402,383	403,358	403,358	403,358	403,358	403,358	403,358	403,358	403,358	403,358	403,358	403,358	403,358
1991	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766	1,043,766
1992	525,993	525,993	525,993	525,993	525,993	525,993	525,993	525,993	525,993	525,993	525,993	525,993	525,993
1993	361,292	361,292	361,292	361,292	361,292	361,292	361,292	361,292	361,292	361,292	361,292	361,292	361,292
1994	362,024	362,024	362,024	362,024	362,024	362,024	362,024	362,024	362,024	362,024	362,024	362,024	362,024
1995	489,857	489,857	489,857	489,913	489,969	489,969	490,317	492,048	496,346	500,326	508,145	523,834	
1996	356,685	356,685	356,685	356,685	356,685	356,685	356,685	356,685	356,685	356,685	356,685		
1997	711,015	711,075	711,212	711,712	727,631	727,631	727,631	727,631	727,631	727,631			
1998	429,643	429,643	429,643	429,643	429,643	429,643	429,643	429,643	429,650				
1999	316,195	316,195	316,195	310,631	310,631	310,631	310,631	310,631					
2000	663,048	677,135	684,201	688,104	690,820	690,957	691,332						
2001	506,773	506,773	506,773	506,773	506,773	507,449							
2002	602,970	602,970	602,970	603,695	603,695								
2003 2004	596,217 782,021	596,217 782,021	596,217 753,558	596,217									
2004	565,465	565,465	755,556										
2005	424,518	303,403											
2000	727,010												
Fiscal							lopment Fac						
<u>Year</u>	<u>120-132</u>	<u>132-144</u>	<u>144-156</u>	<u>156-168</u>	<u>168-180</u>	<u>180-192</u>	<u>192-204</u>	204-216	<u>216-228</u>	228-240	240-252	<u>252-264</u>	264-Ult.
1978			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1979		1.499	1.505	1.208	1.084	1.009	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1980	1.534												
	1.554	1.363	1.278	1.171	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1981	1.322	1.363 1.244	1.278 1.197	1.171 1.055	1.000 1.053	1.000 1.050	1.000 1.047	1.000 1.045	1.000 1.043	1.000 1.042	1.000 1.040	1.000 1.038	1.000 1.028
1981 1982													
	1.322	1.244	1.197	1.055	1.053	1.050	1.047	1.045	1.043	1.042	1.040	1.038	1.028
1982	1.322 1.155	1.244 1.150	1.197 1.136	1.055 1.006	1.053 1.000	1.050 1.000	1.047 1.000	1.045 1.000	1.043 1.000	1.042 1.000	1.040 1.000	1.038 1.000	1.028 1.000
1982 1983	1.322 1.155 1.069	1.244 1.150 1.045	1.197 1.136 1.035	1.055 1.006 1.033	1.053 1.000 1.032	1.050 1.000 1.037	1.047 1.000 1.016	1.045 1.000 1.015	1.043 1.000 1.015	1.042 1.000 1.014	1.040 1.000 1.014	1.038 1.000 1.015	1.028 1.000 1.000
1982 1983 1984	1.322 1.155 1.069 1.032	1.244 1.150 1.045 1.023	1.197 1.136 1.035 1.005	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000	1.047 1.000 1.016 1.000	1.045 1.000 1.015 1.000	1.043 1.000 1.015 1.000	1.042 1.000 1.014 1.000	1.040 1.000 1.014 1.000	1.038 1.000 1.015 1.000	1.028 1.000 1.000 1.000
1982 1983 1984 1985	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000 1.000	1.053 1.000 1.032 1.000 1.000	1.050 1.000 1.037 1.000 1.000	1.047 1.000 1.016 1.000 1.000	1.045 1.000 1.015 1.000 1.000	1.043 1.000 1.015 1.000 1.000	1.042 1.000 1.014 1.000 1.000	1.040 1.000 1.014 1.000 1.000	1.038 1.000 1.015 1.000 1.000	1.028 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986	1.322 1.155 1.069 1.032 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000 1.000	1.053 1.000 1.032 1.000 1.000	1.050 1.000 1.037 1.000 1.000	1.047 1.000 1.016 1.000 1.000	1.045 1.000 1.015 1.000 1.000	1.043 1.000 1.015 1.000 1.000	1.042 1.000 1.014 1.000 1.000	1.040 1.000 1.014 1.000 1.000	1.038 1.000 1.015 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987	1.322 1.155 1.069 1.032 1.000 1.000 1.003	1.244 1.150 1.045 1.023 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989	1.322 1.155 1.069 1.032 1.000 1.000 1.003 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.014 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990	1.322 1.155 1.069 1.032 1.000 1.000 1.003 1.000 1.000 1.000 1.002	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.014 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.014 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.014 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.014 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	1.322 1.155 1.069 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.244 1.150 1.045 1.023 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.197 1.136 1.035 1.005 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.055 1.006 1.033 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.007 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.007 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.007 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.007 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.007 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.050 1.000 1.007 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.031	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 Mean 3 Yr. Mean	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.031	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 Mean 3 Yr. Mean 5 Yr. Mean	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.031	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 Wean 3 Yr. Mean	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.047 1.000 1.016 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.045 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.031	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 Mean 3 Yr. Mean Best 3 Selected	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000	1.047 1.000 1.016 1.000	1.045 1.000 1.015 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.031	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	1.322 1.155 1.069 1.032 1.000	1.244 1.150 1.045 1.023 1.000	1.197 1.136 1.035 1.005 1.000	1.055 1.006 1.033 1.000	1.053 1.000 1.032 1.000	1.050 1.000 1.037 1.000	1.047 1.000 1.016 1.000	1.045 1.000 1.015 1.000	1.043 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.042 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.040 1.000 1.014 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.031	1.038 1.000 1.015 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.028 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

WORKERS COMPENSATION MEDICAL ONLY HISTORICAL LOSS DATA

Fiscal						Paid Lossed As Of (Mo					
Year	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	60	<u>72</u>	84	<u>96</u>	<u>108</u>	<u>120</u>	132
1989	16,707	23,305	23,305	23,305	23,305	23,905	23,905	23,905	23,905	23,905	23,905
1990	23,114	29,040	29,646	29,646	29,646	29,646	29,646	29,646	29,646	29,646	29,646
1991	2,960	3,346	12,650	41,187	41,187	41,187	41,187	41,187	41,187	41,187	41,187
1992	33	17,928	50,185	50,185	50,185	50,185	50,185	50,185	50,185	50,185	50,185
1993	10,419	54,025	55,048	55,048	55,048	55,048	55,048	55,048	55,048	55,048	55,048
1994	18,509	41,202	41,715	41,715	41,715	41,715	41,715	41,715	41,715	41,715	41,715
1995	22,975	30,235	30,253	30,253	30,253	30,253	30,253	30,253	30,253	30,253	30,253
1996	23,877	37,491	37,710	38,256	38,256	38,256	38,256	38,256	38,256	38,256	38,256
1997	24,696	36,216	52,656	52,656	52,656	52,656	52,656	52,656	52,656	52,656	52,656
1998	15,742	20,874	21,654	21,654	21,654	21,654	21,654	21,654	21,654	21,654	21,654
1999	21,591	25,809	26,098	26,098	26,164	26,164	26,186	26,186	26,186	26,186	26,186
2000	18,865	29,410	29,504	29,828	29,828	29,828	29,828	29,828	29,828	29,828	29,828
2001	30,657	48,528	48,754	52,518	52,518	52,518	52,518	52,518	52,518	52,518	52,518
2002 2003	38,981 40,915	56,866 47,993	56,866 48,175	57,332 48,175	57,392 48,175	57,392 48,175	57,813 48,175	57,813 48,175	57,813 48,175	57,813 48,175	57,813 48,175
2003	50,291	83,306	85,102	93,370	96,404	97,277	97,765	97,765	97,765	97,765	97,765
2004	35,622	50,864	54,109	54,109	54,109	54,109	54,109	54,109	54,109	54,109	54,109
2006	29,844	45,820	45,820	45,820	45,839	45,839	45,839	45,839	45,839	45,839	34,103
2007	50,432	63,186	63,186	63,186	63,186	63,186	63,186	63,186	63,186	70,000	
2007	49,696	53,830	53,967	54,171	54,171	54,171	54,171	54,171	30,100		
2009	23,767	36,677	42,316	42,316	42,316	42,316	42,316	,			
2010	16,700	18,078	18,078	18,078	18,078	18,078	,				
2011	30,744	36,479	36,479	40,683	40,683	,					
2012	30,514	39,670	39,942	39,942							
2013	48,712	57,647	57,647								
2014	50,665	52,822									
2015	51,105										
Fiscal					Deve	lopment Fac	ctors				
<u>Year</u>	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-Ult.
1989	1.395	1.000	1.000	1.000	1.026	1.000	1.000	1.000	1.000	1.000	
1990	1.256	1.021	1.000	1.000	1.000	1.000 1.000	1.000 1.000	1.000	1.000	1.000	
1991 1992	1.130 543.273	3.781 2.799	3.256 1.000	1.000 1.000	1.000 1.000	1.000	1.000	1.000 1.000	1.000 1.000	1.000 1.000	
1993	5.185	1.019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1994	2.226	1.012	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1995	1.316	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1996	1.570	1.006	1.014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1997	1.466	1.454	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1998	1.326	1.037	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1999	1.195	1.011	1.000	1.003	1.000	1.001	1.000	1.000	1.000	1.000	
2000	1.559	1.003	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2001	1.583	1.005	1.077	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2002	1.459	1.000	1.008	1.001	1.000	1.007	1.000	1.000	1.000	1.000	
2003	1.173	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2004	1.656	1.022	1.097	1.032	1.009	1.005	1.000	1.000	1.000	1.000	
2005	1.428	1.064	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2006 2007	1.535 1.253	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000		
2007	1.083	1.003	1.004	1.000	1.000	1.000	1.000	1.000			
2009	1.543	1.154	1.004	1.000	1.000	1.000	1.000				
2010	1.083	1.000	1.000	1.000	1.000	1.000					
2011	1.187	1.000	1.115	1.000	1.000						
2012	1.300	1.007	1.000								
2013	1.183	1.000									
2014	1.043										
lean	22.362	1.216	1.108	1.002	1.002	1.001	1.000	1.000	1.000	1.000	
Yr. Mean	1.175	1.002	1.038	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Yr. Mean	1.159	1.032	1.024	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
est 3	1.151	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
elected	1.450	1.040	1.020	1.007	1.003	1.002	1.000	1.000	1.000	1.000	1.000
elected umulative	1.450 1.556	1.040 1.073	1.020 1.032	1.007 1.012	1.003 1.005	1.002 1.002	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000

WORKERS COMPENSATION EXPOSURE INFORMATION

Fiscal Year Ending June 30, (1)	Covered Payroll (\$00) (2)
1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	226,774 233,157 253,882 256,823 270,263 282,380 287,177 309,695 314,406 322,083 354,569 362,190 362,318 365,553 378,519 405,875 415,644 414,492 420,324 416,654 413,666 438,957 458,382 465,004
2016	485,821

Provided by the City