

March 14, 2011

Mr. Michael Simmons
Vice Chairman
Alliant Insurance Services
100 Pine Street, 11th Floor
San Francisco, CA 94111

Dear Mr. Simmons:

We are pleased to present Bay Actuarial's Actuarial Review of the Monterey Bay Area Self Insurance Authority's General and Auto Liability self-insurance program. We appreciate the opportunity to serve the Authority.

If you have any questions, please call me at (925) 377-5269.

Respectfully,

BAY ACTUARIAL CONSULTANTS

Jack Joyce, FCAS, MAAA
Principal

Bay Actuarial Consultants

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Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

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Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

Introduction

Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

Introduction

Background & Purpose

The Monterey Bay Area Self Insurance Authority (“MBASIA”) self-insures its general and auto liability claims. The Authority has asked Bay Actuarial Consultants to provide an actuarial report on its liability self-insurance program. The specific topics covered in this report include the following:

- 1) **Projected 2011-12 Loss Rate.** A projection of the losses expected to be incurred during 2011-12, expressed in terms of a rate of loss per \$100 of payroll.
- 2) **Unpaid Losses.** We projected the Authority’s liability for unpaid losses as of June 30, 2011.
- 3) **Discounting.** We have also discounted the projected 2011-12 losses and the liabilities to present value, assuming a 2% interest rate. The discounted estimates take into account the time value of money as general and auto liability costs discharge over an extended timeframe.
- 4) **Variability of Estimates.** We have included an analysis of items (1) and (2) above, in terms of “probability levels.”
- 5) **Short-Term versus Long-Term.** We have broken out the liabilities into their short-term and long-term components.

Conditions & Limitations

This report has been prepared for the Authority's internal use. Copies of this report may be provided to the Authority's auditors. Any other use of this report is not authorized without the prior written permission of Bay Actuarial. In particular, those interested in providing insurance to the Authority must perform their own actuarial analysis and may not rely upon our work.

In this report, we relied upon loss data provided by Risk Management Services and payroll information provided by Alliant Insurance Services. We have not audited this data and are not responsible for its accuracy. With any actuarial analysis, the accuracy and relevance of the conclusions, and the reasonableness of the recommendations, depend upon the accuracy and relevance of the underlying data.

Unless otherwise noted, the term "losses" refers to all costs that can be tied to specific claims. These include loss payments, attorney's fees, and other expenses linked to specific claims.

The actuarial projections in this report are estimates so they are uncertain. This uncertainty is unavoidable because many of the events that will determine future claims costs have not yet taken place. These events include, but are not limited to, future legislation that may affect the tort liability system, changes in the rate of inflation, and the outcomes of current and future litigation and settlement negotiations. Our projections are based upon the Authority's historical experience. We have not anticipated any extraordinary changes in the various factors that might affect the future cost of claims. We used actuarial methods that should produce reasonable results given current information. There is no guarantee, express or implied, that losses will develop as projected in this report.

Organization of the Report

We have divided the remainder of this report into seven sections: the *Management Summary*, the *Technical Approach* section, the *Summary Exhibits*, the *Fiscal Year End Exhibits*, the *Loss Projection Exhibits*, the *Future Loss Exhibits*, and the *Discounting Exhibits*.

The *Management Summary* gives an overview of the results of our analysis. The *Technical Approach* section explains and discusses the assumptions and details underlying our calculations. The *Exhibits* document the actual calculations used in developing our results.

Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

Management Summary

Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

Management Summary

Projected 2011-12 Losses and Loss Rates

Tables I and II shows the projected 2011-12 losses and loss rates at various probability levels, discounted and undiscounted. The rates in Table I are gross of the \$10,000 per loss deductible, while those in Table II are net of that deductible. We discounted the rates at 2% interest. The items in Tables I and II do not include claims handling fees ("ULAE"), administrative costs, or the cost of excess insurance coverage. The losses have been calculated assuming that CARMA will cover any individual losses that exceed \$1,000,000.

Tables I and II show actuarial central estimates, plus estimates at various probability levels. The probability level rates correspond to the estimated probabilities that the indicated rate will be adequate. For example, we estimate that there is a 70% probability that the actual 2011-12 discounted loss rate, gross of deductibles (Table I) will be less than **\$2.79**.

Table V on page 11 shows factors to adjust these rates for interest rates other than 2%.

Table I: Projected 2011-12 Losses and Loss Rates (\$1M SIR, Gross of \$10K Deductible, 2% Interest Rate)				
<u>Probability Level</u>	<u>Undiscounted Losses</u>	<u>Discounted Losses</u>	<u>Undiscounted Loss Rate</u>	<u>Discounted Loss Rate</u>
Central Estimate	\$1,046,507	\$993,135	\$2.43	\$2.31
70%	1,297,669	1,231,488	3.02	2.86
80%	1,674,411	1,589,016	3.89	3.70
90%	1,988,363	1,886,957	4.62	4.39
2010 C.E.	\$1,012,508	\$960,870	\$2.35	\$2.23
% Change from 10	+3.4%	+3.4%	+3.4%	+3.4%

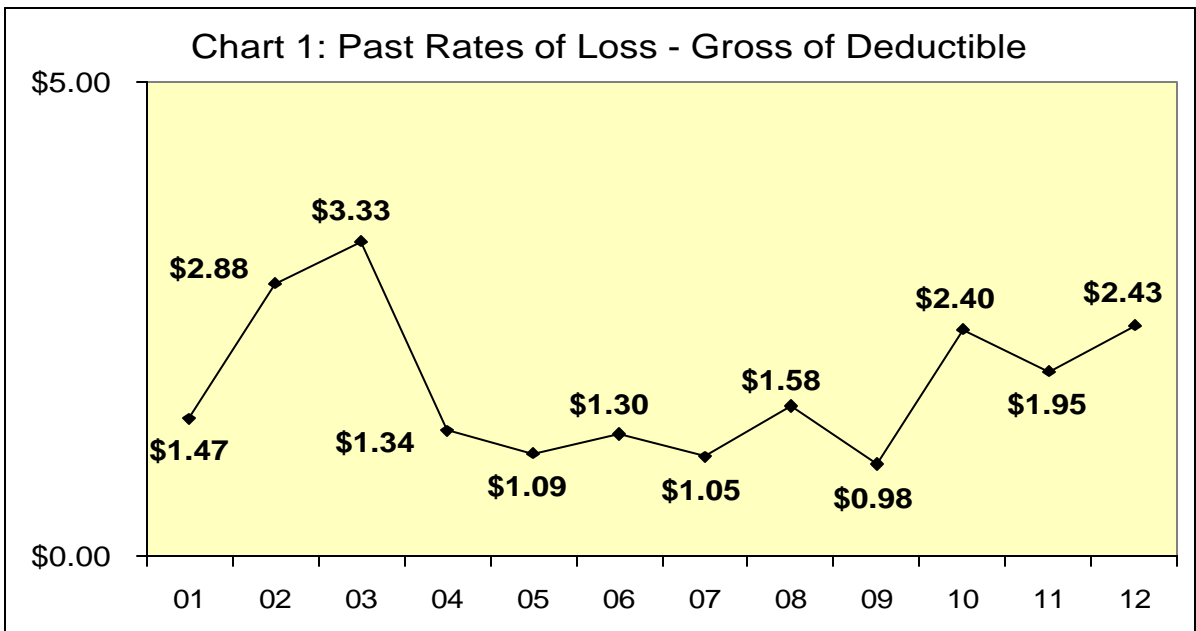
**Table II: Projected 2011-12 Losses and Loss Rates
(\$1M SIR, NET of \$10K Deductible, 2% Interest Rate)**

Probability Level	Undiscounted Losses	Discounted Losses	Undiscounted Loss Rate	Discounted Loss Rate
Central Estimate	\$881,657	\$831,402	\$2.05	\$1.93
70%	1,128,521	1,064,195	2.62	2.47
80%	1,410,651	1,330,244	3.28	3.09
90%	1,763,314	1,662,805	4.10	3.87
2010 C.E.	\$892,988	\$841,195	\$2.08	\$1.96
% Change from 10	-1.3%	-1.2%	-1.4%	-1.5%

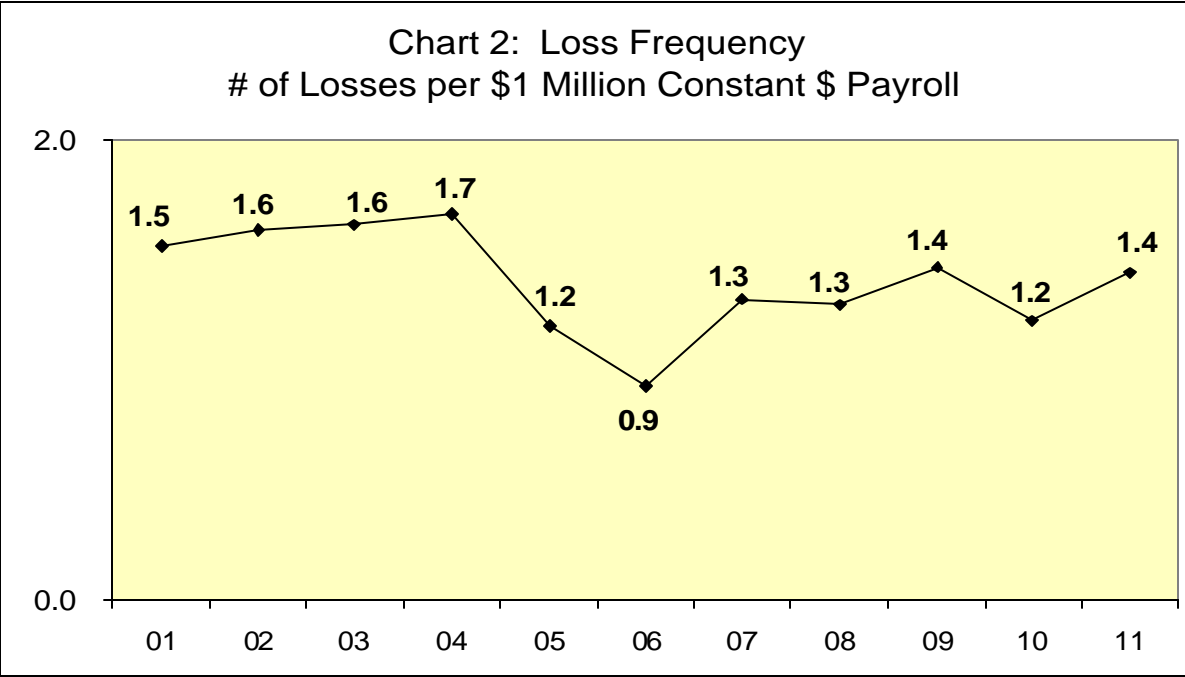
The \$10,000 deductible rates in Table II are about 16% lower than the Table I rates. The MBASIA has had unusually good experience with large claims. According to the September 2011 claims data, the largest loss reported since 2000-01 was only \$474,000, and the largest loss since 2003-04 was only \$304,000. Because of the relative lack of large losses, the actual percentage of loss that has fallen under the \$10,000 deductible since 2000-01 was 24% of the total instead of the 16% contemplated in the projected rates.

The Authority’s Past Rates of Loss

Chart 1 displays the Authority’s estimated past rates of loss. The rate is equal to the estimated total losses for the year divided by the total insured payroll measured in hundreds of dollars. These are Program Year’s running from July 1 to June 30. The indicated loss rates are undiscounted. The rate of **\$2.43** projected for 2011-12 in Chart 1 corresponds to the undiscounted rate in Table I.

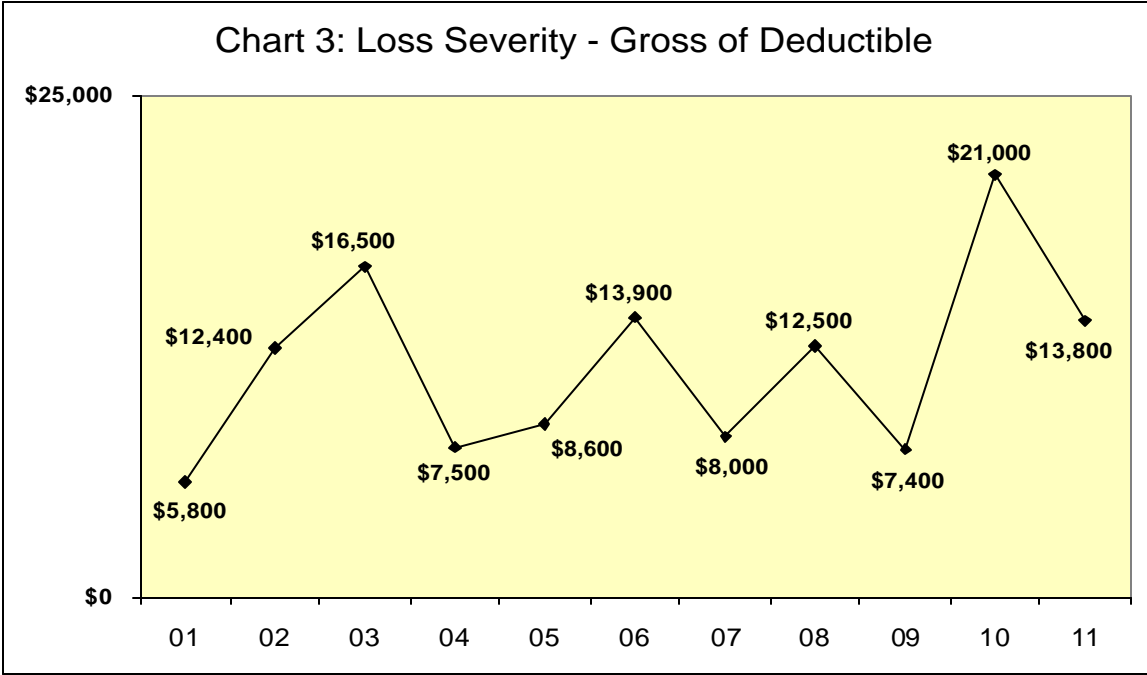


Loss “frequency” is the number of losses divided by 2010-11 payroll. Chart 2 displays recent loss frequency.



Average Loss Amount

The average loss amount is the estimated ultimate losses divided by the number of losses. Chart 3 displays the estimated average cost per loss for recent years.



Liability for Unpaid Losses – 6/30/11

We project that the Authority's liability for unpaid losses, undiscounted, will be **\$1,676,000** on June 30, 2011, or **\$1,622,000** if discounted at 2% interest. Table III shows the actuarial central estimate plus various probability levels. The estimates in Table III are net of the \$10,000 deductible that the members pay on each loss.

Table III: Projected Liability for Unpaid Losses As of June 30, 2011 – Net of Deductibles		
Probability <u>Level</u>	Undiscounted <u>Losses</u>	Discounted <u>Losses</u>
50%	1,508,258	1,459,994
Central Estimate	\$1,676,264	\$1,622,216
60%	1,742,877	1,687,105
70%	2,011,011	1,946,659
80%	2,346,180	2,271,102
90%	2,882,450	2,790,212

Table IV shows the projected liability gross of deductibles.

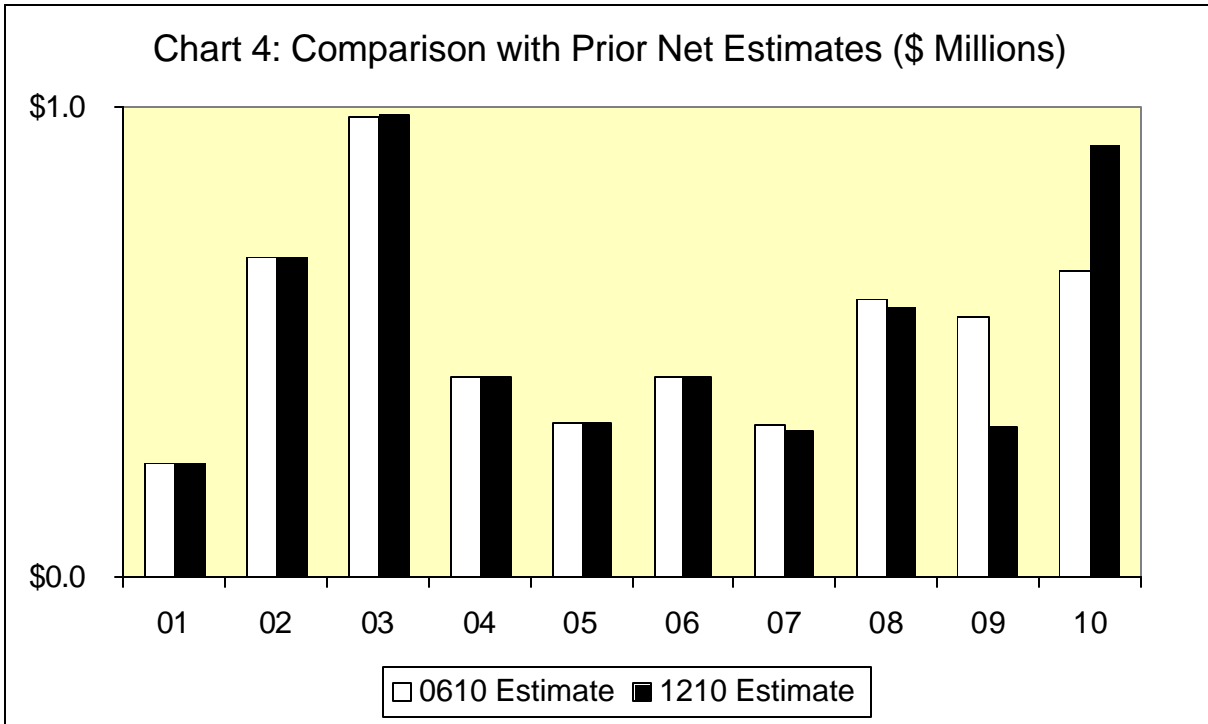
Table IV: Projected Liability for Unpaid Losses As of June 30, 2011 – Gross of Deductibles		
Probability <u>Level</u>	Undiscounted <u>Losses</u>	Discounted <u>Losses</u>
50%	1,623,338	1,571,786
Central Estimate	\$1,804,163	\$1,746,430
60%	1,875,858	1,816,287
70%	2,164,451	2,095,715
80%	2,525,193	2,445,001
90%	3,102,381	3,003,859

In our last report we estimated the net liability as of June 30, 2010 at \$1.294 million. Claims expenditures, net of deductibles, were \$109,000 between July 1 and December 31. The change in our estimates of the ultimate losses for 2009-10 and prior were very slight in total, an increase of only \$12,000. We estimate the 2010-11 net losses at \$727,000, which is about \$200,000 higher than the annual average for 2000-01 through 2009-10. The \$382,000 increase in the projected liability between June 30, 2010 and June 30, 2011 is a function of the worse than average 2010-11 year and relatively slow claims expenditures during the last half of 2010. For example, we project 2011-12 claims expenditures at more than \$660,000, so the

\$109,000 that was actually expended between July 1 and December 31 was relatively low and this contributed to the increase in the projected liability.

Comparison with June 30, 2010 Estimates

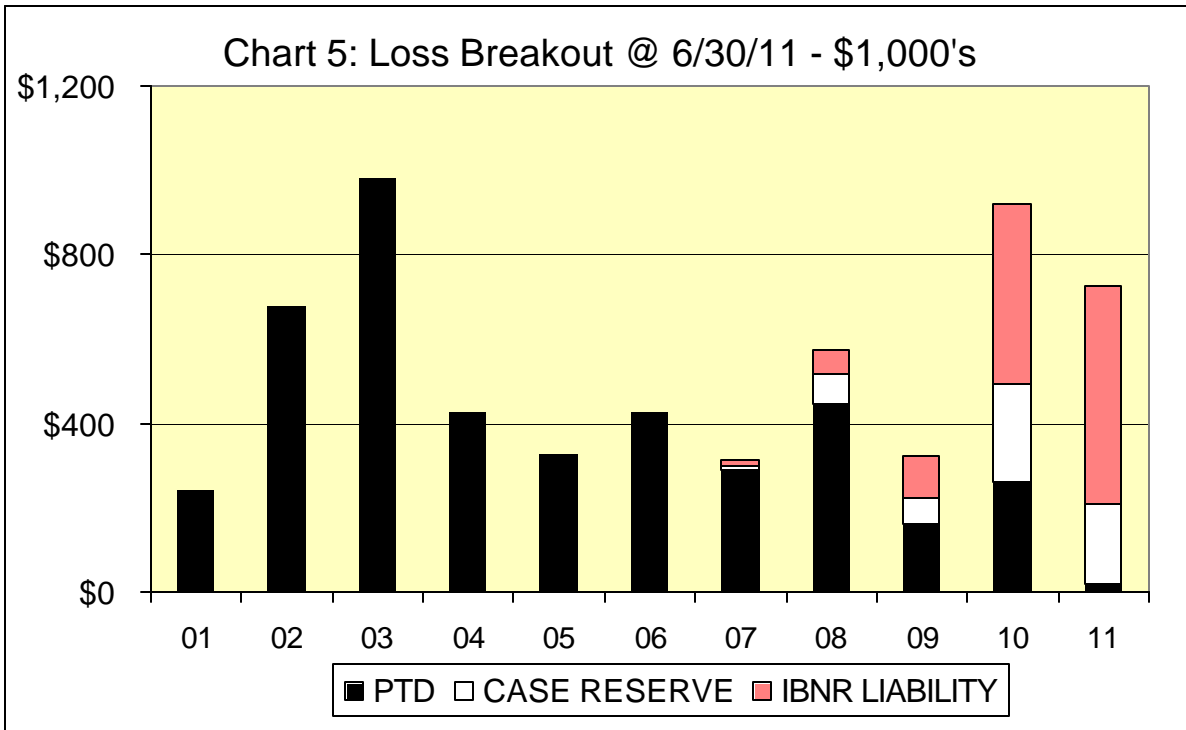
Chart 4 compares the prior estimates of the net losses by program year with the new estimates.



The drop in the 2008-09 estimate was offset by the increase in the estimate for 2009-10. As we mentioned above, the overall change for all years combined was only \$12,000.

Loss Breakout as of 6/30/11

In Table III we projected that the Authority’s 6/30/11 liability, net of deductibles, would be **\$1,676,264**. This comprises **\$569,646** in case reserves for known claims and an IBNR liability of **\$1,106,618**. Chart 5 breaks out the projected total program year losses into their components: losses paid, case reserves, and IBNR liability. The details are on page 20.



Short-Term Liability

Short-term liabilities are those expected to be discharged within twelve months. The total projected 6/30/11 liability of **\$1,676,264** comprises **\$661,000** of short-term and **\$1,015,264** of long-term liabilities.

Alternative Interest Rates

Table V shows the factors one would use to translate the Table I rates and the Table III liabilities to their equivalents at interest rates other than 2%.

Table V: Interest Rate Adjustment Factors				
Interest Rate	0%	1%	2%	3%
Rates	1.054	1.026	1.000	0.975
Liabilities	1.060	1.030	1.000	0.971

Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

Technical Approach

Monterey Bay Area Self Insurance Authority

An Actuarial Review of the Liability Self-Insurance Program

Technical Approach

This section describes the actuarial calculations.

Exhibits

Summary Exhibits

These exhibits summarize the analysis and conclusions. Summary Exhibit 1 shows the projected liabilities for unpaid losses as of June 30, 2011. Summary Exhibit 2 shows our projected rate for the 2011-12 program year, which runs from July 1, 2011 to June 30, 2011. Summary Exhibit 3 shows the projected unpaid losses as of June 30, 2011 by program year on both discounted and non-discounted bases.

Fiscal Year End Exhibits

These exhibits show the calculation of the projected unpaid losses as of June 30, 2011.

Loss Projection Exhibits

These exhibits show the various actuarial projection methods and summarize the results for each program year.

We used five different actuarial methods:

- 1) Reported loss projection method;
- 2) Paid loss projection method;
- 3) IBNR to Case Reserves Ratio method;
- 4) Bornhuetter-Ferguson method using reported losses; and
- 5) Frequency times Severity method.

Loss Projection Exhibit 1 summarizes the results of these methods.

Limited Loss Exhibits - \$250,000 Limit

These exhibits show the estimated ultimate losses limited to \$250,000 per loss. We use this limited loss analysis to calculate the projected 2011-12 loss rate.

Limited Loss Exhibits - \$100,000 Limit

These exhibits are similar to the \$250,000 limit loss exhibits. We use the \$100,000 limit analysis, like the \$250,000 limit analysis, to calculate the projected 2011-12 loss rate.

Future Loss Exhibits

These exhibits show the projection of the expected rate for 2011-12.

Discounting Exhibits

These exhibits show the discounting of the remaining unpaid losses and the projected future loss rate. They also include the Program Information Exhibit.

Deductibles Exhibits

These exhibits show the estimation of the losses that fall under the \$10,000 deductible.

Claims Data

We included development triangles for reported losses, paid losses, and number of claims reported, plus a Program Information Exhibit.

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Summary Exhibits

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Unpaid Losses as of 06/30/11
Losses Limited to SIR, NET of \$10K Deductible

	<u>06/30/11</u>
(1) Projected Unpaid Losses:	\$1,676,264
(2) Discounted Value of Unpaid Losses: (Assuming 2.0% Interest Rate)	\$1,622,216

Probability Levels for 06/30/11 Liabilities

Probability Level <u>(3)</u>	Probability Factor <u>(4)</u>	Discounted * Liability <u>(5)</u>
50%	0.90	1,459,994
Central Estimate	1.00	\$1,622,216
60%	1.04	1,687,105
70%	1.20	1,946,659
80%	1.40	2,271,102
90%	1.72	2,790,212

* Multiply by 1.033 to obtain undiscounted values.

Notes:

- (1) Page 18, Column (1).
- (2) Page 18, Column (2).
- (3) Estimated probability that funding will be adequate.
- (4) Estimated by BAC.
- (5) (2) x (4).

Monterey Bay Area Self Insurance Authority
 General and Auto Liability Program

Projected Loss Funding Rate for 2011-12
Losses Limited to \$1,000,000, NET of \$10K Deductible

(1) Discounted Loss Rate: (as of July 1, 2011, 2.0% interest rate)	<u>Loss Rates</u> \$1.93
---	-----------------------------

<u>Probability Levels</u>		
Probability Level <u>(2)</u>	Probability Factor <u>(3)</u>	Discounted * Rate <u>(4)</u>
50%	0.79	1.52
Central Estimate	1.00	\$1.93
60%	1.01	1.95
70%	1.28	2.47
80%	1.58	3.05
90%	2.06	3.98

* Multiply by 1.060 to obtain undiscounted values.

Notes:

- (1) [Page 56, Column] x [Page 63, Column (4)],
adjusted for \$10,000 deductible.
- (2) Estimated probability that funding will be adequate.
- (3) Estimated by BAC.
- (4) (1) x (3).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Unpaid Losses as of June 30, 2011
Losses Limited to SIR, NET of \$10K Deductible

Program Year	Undiscounted Value: Claims Liabilities as of 6/30/11 (1)	Discounted Value: Claims Liabilities as of 6/30/11 (2)	Estimated Ultimate Losses (3)
2000-01	\$0	\$0	\$242,383
2001-02	1	1	679,467
2002-03	0	0	983,869
2003-04	0	0	426,270
2004-05	0	0	327,828
2005-06	0	0	427,893
2006-07	21,593	21,380	312,784
2007-08	127,548	125,525	571,804
2008-09	160,776	157,378	321,202
2009-10	656,455	635,982	918,306
2010-11	709,891	681,950	726,527
Total	\$1,676,264	\$1,622,216	\$5,938,333

Notes:

- (1) Page 20, Column (6).
- (2) Page 61, Column (3).
- (3) Page 20, Column (1).

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Fiscal Year End Exhibits

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Unpaid Losses as of June 30, 2011
Losses Limited to SIR, NET of \$10K Deductible

Program Year	Estimated Ultimate Losses (1)	Projected Losses Paid as of 6/30/11 (2)	Projected Case Reserves 6/30/11 (3)	Projected Losses Reported as of 6/30/11 (4)	Projected IBNR as of 6/30/11 (5)	Projected Unpaid Losses as of 6/30/11 (6)
2000-01	\$242,383	\$242,383	\$0	\$242,383	\$0	\$0
2001-02	679,467	679,466	0	679,466	1	1
2002-03	983,869	983,870	0	983,870	0	0
2003-04	426,270	426,270	0	426,270	0	0
2004-05	327,828	327,828	0	327,828	0	0
2005-06	427,893	427,892	0	427,892	0	0
2006-07	312,784	291,191	8,703	299,894	12,890	21,593
2007-08	571,804	444,256	70,998	515,254	56,550	127,548
2008-09	321,202	160,426	64,041	224,467	96,735	160,776
2009-10	918,306	261,851	233,031	494,882	423,424	656,455
2010-11	726,527	16,636	192,872	209,508	517,019	709,891
Total	\$5,938,333	\$4,262,069	\$569,646	\$4,831,714	\$1,106,618	\$1,676,264

Notes:

(1) through (6) Page 21 entries minus Page 24 entries.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Unpaid Losses as of June 30, 2011
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Estimated Ultimate Losses (1)	Projected Losses Paid as of 6/30/11 (2)	Projected Case Reserves 6/30/11 (3)	Projected Losses Reported as of 6/30/11 (4)	Projected IBNR as of 6/30/11 (5)	Projected Unpaid Losses as of 6/30/11 (6)
2000-01	\$385,844	\$385,844	\$0	\$385,844	\$0	\$0
2001-02	857,076	857,075	0	857,075	1	1
2002-03	1,154,287	1,154,287	0	1,154,287	0	0
2003-04	537,556	537,556	0	537,556	0	0
2004-05	436,606	436,606	0	436,606	0	0
2005-06	556,750	556,750	0	556,750	0	0
2006-07	450,000	428,407	8,703	437,110	12,890	21,593
2007-08	690,000	562,452	70,998	633,450	56,550	127,548
2008-09	460,000	294,664	67,307	361,971	98,029	165,336
2009-10	1,090,000	389,343	261,811	651,154	438,846	700,657
2010-11	840,000	50,972	225,698	276,670	563,330	789,028
Total	\$7,458,119	\$5,653,956	\$634,518	\$6,288,474	\$1,169,645	\$1,804,163

Notes:

- (1) Page 28, Column (6).
- (2) Page 22, Column (3).
- (3) (4) - (2).
- (4) Page 22, Column (6).
- (5) (1) - (4).
- (6) (3) + (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Paid and Reported Losses between 1/1/11 and 6/30/11
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Losses Paid as of 12/31/10 (1)	Projected Losses Paid 1/1/11 - 6/30/11 (2)	Projected Losses Paid as of 6/30/11 (3)	Losses Reported as of 12/31/10 (4)	Projected Losses Reported 1/1/11 - 6/30/11 (5)	Projected Losses Reported as of 6/30/11 (6)
2000-01	\$385,844	\$0	\$385,844	\$385,844	\$0	\$385,844
2001-02	857,076	0	857,075	857,076	0	857,075
2002-03	1,154,287	0	1,154,287	1,154,287	0	1,154,287
2003-04	537,556	0	537,556	537,556	0	537,556
2004-05	436,606	0	436,606	436,606	0	436,606
2005-06	556,750	0	556,750	556,750	0	556,750
2006-07	405,725	22,682	428,407	423,840	13,270	437,110
2007-08	497,140	65,312	562,452	616,610	16,840	633,450
2008-09	254,707	39,958	294,664	306,995	54,976	361,971
2009-10	122,490	266,853	389,343	569,119	82,035	651,154
2010-11	5,181	45,791	50,972	75,906	200,764	276,670
Total	\$5,213,362	\$440,595	\$5,653,956	\$5,920,588	\$367,886	\$6,288,474

Notes:

- (1) Page 30, Column (1).
- (2) Projected by BAC.
- (3) (1) + (2).
- (4) Page 29, Column (1).
- (5) Projected by BAC.
- (6) (4) + (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Estimated Unpaid Losses as of December 31, 2010
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Estimated Ultimate Losses (1)	Losses Paid as of 12/31/10 (2)	Case Reserves 12/31/10 (3)	Losses Reported as of 12/31/10 (4)	Estimated IBNR as of 12/31/10 (5)	Estimated Unpaid Losses as of 12/31/10 (6)
2000-01	\$385,844	\$385,844	\$0	\$385,844	\$0	\$0
2001-02	857,076	857,076	0	857,076	0	0
2002-03	1,154,287	1,154,287	0	1,154,287	0	0
2003-04	537,556	537,556	0	537,556	0	0
2004-05	436,606	436,606	0	436,606	0	0
2005-06	556,750	556,750	0	556,750	0	0
2006-07	450,000	405,725	18,115	423,840	26,160	44,275
2007-08	690,000	497,140	119,470	616,610	73,390	192,860
2008-09	460,000	254,707	52,288	306,995	153,005	205,293
2009-10	1,090,000	122,490	446,629	569,119	520,881	967,510
2010-11	420,000	5,181	70,725	75,906	344,094	414,819
Total	\$7,038,119	\$5,213,362	\$707,227	\$5,920,588	\$1,117,531	\$1,824,757

Notes:

- (1) Page 28, Column (6).
2010-11 entry adjusted for partial year through 12/31/10.
- (2) Page 30, Column (1).
- (3) (4) - (2).
- (4) Page 29, Column (1).
- (5) (1) - (4).
- (6) (3) + (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Unpaid Deductibles as of June 30, 2011
Losses Limited to \$10K Deductible

Program Year	Estimated Ultimate Deductibles (1)	Projected Ded Paid as of 6/30/11 (2)	Projected Case Reserves 6/30/11 (3)	Projected Ded Reported as of 6/30/11 (4)	Projected Deductible IBNR as of 6/30/11 (5)	Projected Deductible Losses as of 6/30/11 (6)
2000-01	\$143,461	\$143,461	\$0	\$143,461	\$0	\$0
2001-02	177,609	177,609	0	177,609	0	0
2002-03	170,418	170,418	0	170,418	0	0
2003-04	111,286	111,286	0	111,286	0	0
2004-05	108,778	108,778	0	108,778	0	0
2005-06	128,857	128,857	0	128,857	0	0
2006-07	137,216	137,216	0	137,216	0	0
2007-08	118,196	118,196	0	118,196	0	0
2008-09	138,798	134,238	3,266	137,504	1,294	4,560
2009-10	171,694	127,492	28,780	156,272	15,422	44,202
2010-11	113,473	34,337	32,826	67,162	46,311	79,137
Total	\$1,519,786	\$1,391,888	\$64,872	\$1,456,759	\$63,027	\$127,899

Notes:

- (1) Page 65, Column (3).
- (2) Page 25, Column (3).
- (3) (4) - (2).
- (4) Page 25, Column (6).
- (5) (1) - (4).
- (6) (3) + (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Paid and Reported Deductibles between 1/1/11 and 6/30/11
Losses Limited to \$10K Deductible

Program Year	Ded Paid as of 12/31/10 <u>(1)</u>	Projected Losses Paid 1/1/11 - 6/30/11 <u>(2)</u>	Projected Losses Paid as of 6/30/11 <u>(3)</u>	Losses Reported as of 12/31/10 <u>(4)</u>	Projected Losses Reported 1/1/11 - 6/30/11 <u>(5)</u>	Projected Losses Reported as of 6/30/11 <u>(6)</u>
2000-01	\$143,461	\$0	\$143,461	\$143,461	\$0	\$143,461
2001-02	177,609	0	177,609	177,609	0	177,609
2002-03	170,418	0	170,418	170,418	0	170,418
2003-04	111,286	0	111,286	111,286	0	111,286
2004-05	108,778	0	108,778	108,778	0	108,778
2005-06	128,857	0	128,857	128,857	0	128,857
2006-07	137,216	0	137,216	137,216	0	137,216
2007-08	118,196	0	118,196	118,196	0	118,196
2008-09	129,523	4,715	134,238	136,198	1,306	137,504
2009-10	87,019	40,473	127,492	143,132	13,140	156,272
2010-11	5,181	29,155	34,337	30,906	36,256	67,162
Total	\$1,317,545	\$74,343	\$1,391,888	\$1,406,057	\$50,702	\$1,456,759

Notes:

- (1) Page 26, Column (2).
- (2) Projected by BAC.
- (3) (1) + (2).
- (4) Page 26, Column (4).
- (5) Projected by BAC.
- (6) (4) + (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Estimated Unpaid Deductibles as of December 31, 2010
Losses Limited to \$10K Deductible

Program Year	Estimated Ultimate Deductibles (1)	Ded Paid as of 12/31/10 (2)	Case Reserves 12/31/10 (3)	Ded Reported as of 12/31/10 (4)	Estimated Deductible IBNR as of 12/31/10 (5)	Estimated Deductible Losses as of 12/31/10 (6)
2000-01	\$143,461	\$143,461	\$0	\$143,461	\$0	\$0
2001-02	177,609	177,609	0	177,609	0	0
2002-03	170,418	170,418	0	170,418	0	0
2003-04	111,286	111,286	0	111,286	0	0
2004-05	108,778	108,778	0	108,778	0	0
2005-06	128,857	128,857	0	128,857	0	0
2006-07	137,216	137,216	0	137,216	0	0
2007-08	118,196	118,196	0	118,196	0	0
2008-09	138,798	129,523	6,675	136,198	2,600	9,275
2009-10	171,694	87,019	56,113	143,132	28,562	84,675
2010-11	56,737	5,181	25,725	30,906	25,830	51,555
Total	\$1,463,050	\$1,317,545	\$88,512	\$1,406,057	\$56,993	\$145,505

Notes:

- (1) Page 65, Column (3).
2010-11 adjusted for partial year through 12/31/10.
- (2) Provided by Risk Management Services.
- (3) (4) - (2).
- (4) Page 66, Column (1).
- (5) (1) - (4).
- (6) (3) + (5).

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Loss Projection Exhibits

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Selected Ultimate Losses
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Reported Projection (1)	Paid Projection (2)	IBNR to Case Reserves Ratio (3)	B-F Method Using Reported (4)	Frequency Times Severity (5)	Selected Ultimate Losses (6)
2000-01	\$386,141	\$391,091	\$385,844	\$386,375	\$589,357	\$385,844
2001-02	859,894	881,897	857,076	858,717	634,784	857,076
2002-03	1,162,096	1,201,075	1,154,287	1,158,234	663,566	1,154,287
2003-04	543,301	565,305	537,556	545,021	822,416	537,556
2004-05	443,085	464,152	436,606	447,114	601,302	436,606
2005-06	568,323	608,583	556,750	571,217	486,736	556,750
2006-07	439,674	479,155	429,401	450,701	703,105	450,000
2007-08	679,598	717,739	668,221	688,199	712,364	690,000
2008-09	406,931	595,351	346,316	502,380	828,058	460,000
2009-10	1,234,550	755,853	1,374,391	1,010,411	716,109	1,090,000
2010-11	649,842	177,545	788,740	821,198	866,200	840,000
Total	\$7,373,435	\$6,837,746	\$7,535,187	\$7,439,566	\$7,623,997	\$7,458,119

Notes:

- (1) Page 29, Column (3).
- (2) Page 30, Column (3).
- (3) Page 31, Column (6).
- (4) Page 32, Column (6).
- (5) Page 36, Column (4).
- (6) Selected on the basis of (1) - (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Reported Loss Development
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Cumulative Reported Losses as of 12/31/10 (1)	Reported Development Factor as of 12/31/10 (2)	Projected Ultimate Losses (3)
2000-01	\$385,844	1.001	\$386,141
2001-02	857,076	1.003	859,894
2002-03	1,154,287	1.007	1,162,096
2003-04	537,556	1.011	543,301
2004-05	436,606	1.015	443,085
2005-06	556,750	1.021	568,323
2006-07	423,840	1.037	439,674
2007-08	616,610	1.102	679,598
2008-09	306,995	1.326	406,931
2009-10	569,119	2.169	1,234,550
2010-11	75,906	8.561	649,842
Total	\$5,920,588		\$7,373,435

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Paid Loss Projection
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Cumulative Paid Losses as of 12/31/10 <u>(1)</u>	Paid Development Factor as of 12/31/10 <u>(2)</u>	Projected Ultimate Losses <u>(3)</u>
2000-01	\$385,844	1.014	\$391,091
2001-02	857,076	1.029	881,897
2002-03	1,154,287	1.041	1,201,075
2003-04	537,556	1.052	565,305
2004-05	436,606	1.063	464,152
2005-06	556,750	1.093	608,583
2006-07	405,725	1.181	479,155
2007-08	497,140	1.444	717,739
2008-09	254,707	2.337	595,351
2009-10	122,490	6.171	755,853
2010-11	5,181	34.265	177,545
Total	\$5,213,362		\$6,837,746

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

IBNR to Case Reserves Ratio Method
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Reported Development Factor as of 12/31/10 (1)	Paid Development Factor as of 12/31/10 (2)	IBNR to Case Reserves Ratio (3)	Case Reserves 12/31/10 (4)	Estimated IBNR as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	1.001	1.014	0.061	\$0	\$0	\$385,844
2001-02	1.003	1.029	0.132	0	0	857,076
2002-03	1.007	1.041	0.208	0	0	1,154,287
2003-04	1.011	1.052	0.275	0	0	537,556
2004-05	1.015	1.063	0.327	0	0	436,606
2005-06	1.021	1.093	0.314	0	0	556,750
2006-07	1.037	1.181	0.307	18,115	5,561	429,401
2007-08	1.102	1.444	0.432	119,470	51,611	668,221
2008-09	1.326	2.337	0.752	52,288	39,321	346,316
2009-10	2.169	6.171	1.803	446,629	805,272	1,374,391
2010-11	8.561	34.265	10.079	70,725	712,834	788,740
Total				\$707,227	\$1,614,599	\$7,535,187

Notes:

- (1) Page 29, Column (2).
- (2) Page 30, Column (2).
- (3) $[(1) - 1.000] \times (2) / [(2) - (1)]$.
- (4) Page 29, Column (1) - Page 30, Column (1).
- (5) (3) x (4), rounded.
- (6) (5) + Page 29, Column (1).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Bornhuetter-Ferguson Using Reported Losses
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Cumulative Reported Loss Development Factors (2)	Percentage of Losses Not Yet Reported (3)	Expected Unreported Losses (4)	Losses Reported as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	\$530,904	1.001	0.1%	\$531	\$385,844	\$386,375
2001-02	546,941	1.003	0.3%	1,641	857,076	858,717
2002-03	563,822	1.007	0.7%	3,947	1,154,287	1,158,234
2003-04	678,612	1.011	1.1%	7,465	537,556	545,021
2004-05	700,557	1.015	1.5%	10,508	436,606	447,114
2005-06	723,346	1.021	2.0%	14,467	556,750	571,217
2006-07	746,136	1.037	3.6%	26,861	423,840	450,701
2007-08	769,769	1.102	9.3%	71,589	616,610	688,199
2008-09	794,246	1.326	24.6%	195,385	306,995	502,380
2009-10	818,723	2.169	53.9%	441,292	569,119	1,010,411
2010-11	844,045	8.561	88.3%	745,292	75,906	821,198
	\$7,717,101			\$1,518,978	\$5,920,588	\$7,439,566

Notes:

- (1) Page 33, Column (3).
- (2) Page 29, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) $(1) \times (3)$.
- (5) Page 29, Column (1).
- (6) $(4) + (5)$.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

A Priori Losses for Bornhuetter-Ferguson
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	<i>A Priori</i> 2010-11 Loss (1)	Factor to Remove Trend (2)	<i>A Priori</i> Ultimate Losses (3)
2000-01	\$844,045	0.629	\$530,904
2001-02	844,045	0.648	546,941
2002-03	844,045	0.668	563,822
2003-04	844,045	0.804	678,612
2004-05	844,045	0.830	700,557
2005-06	844,045	0.857	723,346
2006-07	844,045	0.884	746,136
2007-08	844,045	0.912	769,769
2008-09	844,045	0.941	794,246
2009-10	844,045	0.970	818,723
2010-11	844,045	1.000	844,045
Total			\$7,717,101

Notes:

- (1) Page 34, Average of Column (3).
- (2) $1.000 / [\text{Page 34, Column (2)}]$.
- (3) $(1) \times (2)$.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

A Priori Loss Rate for Bornhuetter-Ferguson Method
At \$1M SIR, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Estimated Pure Premium Trend (2)	Constant Dollar Ultimate Losses (3)
2000-01	\$385,844	1.590	\$613,571
2001-02	857,076	1.544	1,322,910
2002-03	1,154,287	1.498	1,729,085
2003-04	537,556	1.243	668,272
2004-05	436,606	1.204	525,842
2005-06	556,750	1.167	649,703
2006-07	458,136	1.131	518,144
2007-08	696,110	1.096	763,180
2008-09	475,116	1.063	505,148
2009-10	1,110,040	1.031	1,144,593
2010-11	555,429	1.000	555,429
Average			\$817,807
00/01-09/10			\$844,045
	(4) 2010-11 Payroll (\$00's):		\$430,000
	(5) <i>A Priori</i> 2010-11 Loss Rate:		\$1.90

Notes:

- (1) Page 35, Column (3).
- (2) Estimated by BAC.
- (3) (1) x (2).
- (4) Page 72, Column (2).
- (5) [Average (3)] / (4).

Monterey Bay Area Self Insurance Authority
 General and Auto Liability Program

A Priori Ultimate losses
 Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Reported Loss Projection <u>(1)</u>	Paid Loss Projection <u>(2)</u>	<i>A Priori</i> Selection <u>(3)</u>
2000-01	\$386,141	\$391,091	\$385,844
2001-02	859,894	881,897	857,076
2002-03	1,162,096	1,201,075	1,154,287
2003-04	543,301	565,305	537,556
2004-05	443,085	464,152	436,606
2005-06	568,323	608,583	556,750
2006-07	439,674	479,155	458,136
2007-08	679,598	717,739	696,110
2008-09	406,931	595,351	475,116
2009-10	1,234,550	755,853	1,110,040
2010-11	649,842	177,545	555,429
Total	\$7,373,435	\$6,837,746	\$7,222,949

Notes:

- (1) Page 29, Column (3).
- (2) Page 30, Column (3).
- (3) Selected on the basis of (1) and (2).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Frequency Times Severity Method
Losses Limited to SIR, Gross of \$10K Deductible

Program Year	Selected Claim Severity (1)	Factor to Remove Trend (2)	Selected Ultimate Claims (3)	Estimated Ultimate Losses (4)
2000-01	\$14,200	0.629	66	\$589,357
2001-02	14,200	0.648	69	634,784
2002-03	14,200	0.668	70	663,566
2003-04	14,200	0.804	72	822,416
2004-05	14,200	0.830	51	601,302
2005-06	14,200	0.857	40	486,736
2006-07	14,200	0.884	56	703,105
2007-08	14,200	0.912	55	712,364
2008-09	14,200	0.941	62	828,058
2009-10	14,200	0.970	52	716,109
2010-11	14,200	1.000	61	866,200
Total				\$7,623,997

Notes:

- (1) Page 37, Item (5).
- (2) 1.000 / [Page 34, Column (2)].
- (3) Page 38, Column (3).
- (4) (1) x (2) x (3).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Calculation of Expected Claim Severity
Frequency Times Severity Method
At \$1M SIR, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Estimated Severity Trend (2)	Selected Claim Count (3)	Trended Claim Severity (4)
2000-01	\$385,844	1.590	66	\$9,297
2001-02	857,076	1.544	69	\$19,173
2002-03	1,154,287	1.498	70	24,701
2003-04	537,556	1.243	72	9,282
2004-05	436,606	1.204	51	10,311
2005-06	556,750	1.167	40	16,243
2006-07	458,136	1.131	56	9,253
2007-08	696,110	1.096	55	13,876
2008-09	475,116	1.063	62	8,148
2009-10	1,110,040	1.031	52	22,011
2010-11	555,429	1.000	61	9,105
Total	\$7,222,949		654	\$13,764
00/01-09/10	\$6,667,520		593	\$14,230
			(5) Selected Severity:	\$14,200

Notes:

- (1) Page 35, Column (3).
- (2) 1.000 / [Page 34, Column (2)].
- (3) Page 38, Column (3).
- (4) (1) x (2) / (3).
- (5) Selected on the basis of (4).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Selected Claim Counts

Program Year	Reported Claim Count Projection <u>(1)</u>	Bornhuetter- Ferguson Method <u>(2)</u>	Selected Claim Count <u>(3)</u>
2000-01	66		66
2001-02	69		69
2002-03	70		70
2003-04	72		72
2004-05	51		51
2005-06	40		40
2006-07	56		56
2007-08	55		55
2008-09	62		62
2009-10	52		52
2010-11	66	61	61
Total	659		654

Notes:

- (1) Page 39, Column (3).
- (2) Page 40, Column (6).
- (3) Selected on the basis of (1) and (2).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projection of Ultimate Claim Counts
Projection of Reported Claims

Program Year	Total Claims Reported 12/31/10 (1)	Development Factors as of 12/31/10 (2)	Projected Ultimate Claims (3)
2000-01	66	1.000	66
2001-02	69	1.000	69
2002-03	70	1.000	70
2003-04	72	1.000	72
2004-05	51	1.000	51
2005-06	40	1.000	40
2006-07	56	1.000	56
2007-08	55	1.005	55
2008-09	61	1.018	62
2009-10	46	1.129	52
2010-11	21	3.135	66
Average			60
00/01-09/10 Average			59

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
 General and Auto Liability Program

Projection of Ultimate Claim Counts
 Bornhuetter-Ferguson Method

<u>Program Year</u>	<u>A Priori Claim Count (1)</u>	<u>Claim Development Factor (2)</u>	<u>Estimated Percentage of Claims Unreported (3)</u>	<u>Estimated Unreported Claims (4)</u>	<u>Reported Claims as of 12/31/10 (5)</u>	<u>Projected Ultimate Claims (6)</u>
2010-11	59	3.135	68.1%	40	21	61

Notes:

- (1) Page 39, Column (3), average 2000-01 to 2009-10.
- (2) Page 39, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) $(1) \times (3)$.
- (5) Page 39, Column (1).
- (6) $(4) + (5)$.

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

**Limited Loss Analysis
Losses Limited to \$250,000 per Loss**

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Selected Ultimate Losses
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	Reported Projection (1)	Paid Projection (2)	IBNR to Case Reserves Ratio (3)	B-F Method Using Reported (4)	B-F Method Using Paid (5)	Selected Ultimate Losses (6)
2000-01	\$385,844	\$386,899	\$385,844	\$385,844	\$386,980	\$385,844
2001-02	859,808	863,680	857,076	858,240	860,181	857,076
2002-03	934,101	942,149	930,356	931,948	935,529	930,356
2003-04	488,463	496,557	486,322	488,227	496,325	486,322
2004-05	438,616	450,081	436,606	439,051	451,278	436,606
2005-06	559,748	581,793	556,750	559,261	578,345	556,750
2006-07	432,287	444,779	429,021	434,147	451,077	440,000
2007-08	650,587	665,134	647,792	644,117	630,973	650,000
2008-09	370,816	550,895	331,623	400,364	546,756	410,000
2009-10	921,423	604,867	1,000,731	760,839	565,990	820,000
2010-11	499,940	113,648	640,572	559,823	549,587	550,000
Total	\$6,541,633	\$6,100,482	\$6,702,693	\$6,461,861	\$6,453,021	\$6,522,954

Notes:

- (1) Page 43, Column (3).
- (2) Page 44, Column (3).
- (3) Page 45, Column (6).
- (4) Page 46, Column (6).
- (5) Page 47, Column (6).
- (6) Selected on the basis of (1) - (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Reported Loss Development
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	Cumulative Reported Losses as of 12/31/10 <u>(1)</u>	Reported Development Factor as of 12/31/10 <u>(2)</u>	Projected Ultimate Losses <u>(3)</u>
2000-01	\$385,844	1.000	\$385,844
2001-02	857,076	1.003	859,808
2002-03	930,356	1.004	934,101
2003-04	486,322	1.004	488,463
2004-05	436,606	1.005	438,616
2005-06	556,750	1.005	559,748
2006-07	423,840	1.020	432,287
2007-08	616,610	1.055	650,587
2008-09	306,995	1.208	370,816
2009-10	515,439	1.788	921,423
2010-11	75,906	6.586	499,940
Total	\$5,591,744		\$6,541,633

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Paid Loss Development
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	Cumulative Paid Losses as of 12/31/10 (1)	Paid Development Factor as of 12/31/10 (2)	Projected Ultimate Losses (3)
2000-01	\$385,844	1.003	\$386,899
2001-02	857,076	1.008	863,680
2002-03	930,356	1.013	942,149
2003-04	486,322	1.021	496,557
2004-05	436,606	1.031	450,081
2005-06	556,750	1.045	581,793
2006-07	405,725	1.096	444,779
2007-08	497,140	1.338	665,134
2008-09	254,707	2.163	550,895
2009-10	122,490	4.938	604,867
2010-11	5,181	21.934	113,648
Total	\$4,938,197		\$6,100,482

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

IBNR to Case Reserves Ratio Method
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	Reported Development Factor as of 12/31/10 (1)	Paid Development Factor as of 12/31/10 (2)	IBNR to Case Reserves Ratio (3)	Case Reserves 12/31/10 (4)	Estimated IBNR as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	1.000	1.003	0.000	\$0	\$0	\$385,844
2001-02	1.003	1.008	0.711	0	0	857,076
2002-03	1.004	1.013	0.471	0	0	930,356
2003-04	1.004	1.021	0.270	0	0	486,322
2004-05	1.005	1.031	0.181	0	0	436,606
2005-06	1.005	1.045	0.142	0	0	556,750
2006-07	1.020	1.096	0.286	18,115	5,181	429,021
2007-08	1.055	1.338	0.261	119,470	31,182	647,792
2008-09	1.208	2.163	0.471	52,288	24,628	331,623
2009-10	1.788	4.938	1.235	392,949	485,292	1,000,731
2010-11	6.586	21.934	7.984	70,725	564,666	640,572
Total				\$653,547	\$1,110,949	\$6,702,693

Notes:

- (1) Page 43, Column (2).
- (2) Page 44, Column (2).
- (3) $[(1) - 1.000] \times (2) / [(2) - (1)]$.
- (4) Page 43, Column (1) - Page 44, Column (1).
- (5) (3) x (4), rounded.
- (6) (5) + Page 43, Column (1).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Bornhuetter-Ferguson Using Reported Losses
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Cumulative Reported Loss Development Factors (2)	Percentage of Losses Not Yet Reported (3)	Expected Unreported Losses (4)	Losses Reported as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	\$378,830	1.000	0.0%	\$0	\$385,844	\$385,844
2001-02	388,094	1.003	0.3%	1,164	857,076	858,240
2002-03	397,956	1.004	0.4%	1,592	930,356	931,948
2003-04	476,338	1.004	0.4%	1,905	486,322	488,227
2004-05	489,051	1.005	0.5%	2,445	436,606	439,051
2005-06	502,198	1.005	0.5%	2,511	556,750	559,261
2006-07	515,369	1.020	2.0%	10,307	423,840	434,147
2007-08	528,983	1.055	5.2%	27,507	616,610	644,117
2008-09	542,842	1.208	17.2%	93,369	306,995	400,364
2009-10	556,462	1.788	44.1%	245,400	515,439	760,839
2010-11	570,656	6.586	84.8%	483,917	75,906	559,823
Total	\$5,346,779			\$870,117	\$5,591,744	\$6,461,861

Notes:

- (1) Page 28, Column (6), adjusted for \$250K limit.
- (2) Page 43, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) $(1) \times (3)$.
- (5) Page 43, Column (1).
- (6) $(4) + (5)$.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Bornhuetter-Ferguson Using Paid Losses
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Cumulative Paid Loss Development Factors (2)	Percentage of Losses Not Yet Paid (3)	Expected Unpaid Losses (4)	Losses Paid as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	\$378,830	1.003	0.3%	\$1,136	\$385,844	\$386,980
2001-02	388,094	1.008	0.8%	3,105	857,076	860,181
2002-03	397,956	1.013	1.3%	5,173	930,356	935,529
2003-04	476,338	1.021	2.1%	10,003	486,322	496,325
2004-05	489,051	1.031	3.0%	14,672	436,606	451,278
2005-06	502,198	1.045	4.3%	21,595	556,750	578,345
2006-07	515,369	1.096	8.8%	45,352	405,725	451,077
2007-08	528,983	1.338	25.3%	133,833	497,140	630,973
2008-09	542,842	2.163	53.8%	292,049	254,707	546,756
2009-10	556,462	4.938	79.7%	443,500	122,490	565,990
2010-11	570,656	21.934	95.4%	544,406	5,181	549,587
Total	\$5,346,779			\$1,514,824	\$4,938,197	\$6,453,021

Notes:

- (1) Page 46, Column (1).
- (2) Page 44, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) $(1) \times (3)$.
- (5) Page 44, Column (1).
- (6) $(4) + (5)$.

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

**Limited Loss Analysis
Losses Limited to \$100,000 per Loss**

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Selected Ultimate Losses
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	Reported Projection (1)	Paid Projection (2)	IBNR to Case Reserves Ratio (3)	B-F Method Using Reported (4)	B-F Method Using Paid (5)	Selected Ultimate Losses (6)
2000-01	\$385,844	\$385,844	\$385,844	\$385,844	\$385,844	\$385,844
2001-02	785,064	787,495	785,064	785,064	785,890	785,064
2002-03	609,324	612,874	609,087	609,087	610,775	609,087
2003-04	336,832	340,332	336,322	336,993	340,349	336,322
2004-05	407,912	414,765	407,126	407,813	413,308	407,126
2005-06	508,547	520,920	507,072	508,127	516,563	507,072
2006-07	367,165	369,690	366,689	367,002	369,017	370,000
2007-08	466,054	549,872	451,422	462,586	513,376	480,000
2008-09	349,948	479,830	325,505	353,191	430,853	380,000
2009-10	571,809	489,501	590,896	503,881	410,112	540,000
2010-11	452,576	88,148	616,242	401,791	373,760	400,000
Total	\$5,241,075	\$5,039,271	\$5,381,269	\$5,121,379	\$5,149,847	\$5,200,515

Notes:

- (1) Page 50, Column (3).
- (2) Page 51, Column (3).
- (3) Page 52, Column (6).
- (4) Page 53, Column (6).
- (5) Page 54, Column (6).
- (6) Selected on the basis of (1) - (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Reported Loss Development
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	Cumulative Reported Losses as of 12/31/10 <u>(1)</u>	Reported Development Factor as of 12/31/10 <u>(2)</u>	Projected Ultimate Losses <u>(3)</u>
2000-01	\$385,844	1.000	\$385,844
2001-02	785,064	1.000	785,064
2002-03	609,087	1.000	609,324
2003-04	336,322	1.002	336,832
2004-05	407,126	1.002	407,912
2005-06	507,072	1.003	508,547
2006-07	363,048	1.011	367,165
2007-08	449,358	1.037	466,054
2008-09	306,995	1.140	349,948
2009-10	365,439	1.565	571,809
2010-11	75,906	5.962	452,576
Total	\$4,591,261		\$5,241,075

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Paid Loss Development
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	Cumulative Paid Losses as of 12/31/10 <u>(1)</u>	Paid Development Factor as of 12/31/10 <u>(2)</u>	Projected Ultimate Limited Losses <u>(3)</u>
2000-01	\$385,844	1.000	\$385,844
2001-02	785,064	1.003	787,495
2002-03	609,087	1.006	612,874
2003-04	336,322	1.012	340,332
2004-05	407,126	1.019	414,765
2005-06	507,072	1.027	520,920
2006-07	344,933	1.072	369,690
2007-08	439,888	1.250	549,872
2008-09	254,707	1.884	479,830
2009-10	122,490	3.996	489,501
2010-11	5,181	17.012	88,148
Total	\$4,197,714		\$5,039,271

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

IBNR to Case Reserves Ratio Method
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	Limited Reported LDF as of 12/31/10 (1)	Limited Paid LDF as of 12/31/10 (2)	IBNR to Case Reserves Ratio (3)	Limited Case Reserves as of 12/31/10 (4)	Estimated IBNR as of 12/31/10 (5)	Estimated Ultimate Limited Losses (6)
2000-01	1.000	1.000	0.000	\$0	\$0	\$385,844
2001-02	1.000	1.003	0.000	0	0	785,064
2002-03	1.000	1.006	0.067	0	0	609,087
2003-04	1.002	1.012	0.147	0	0	336,322
2004-05	1.002	1.019	0.117	0	0	407,126
2005-06	1.003	1.027	0.122	0	0	507,072
2006-07	1.011	1.072	0.201	18,115	3,641	366,689
2007-08	1.037	1.250	0.218	9,470	2,064	451,422
2008-09	1.140	1.884	0.354	52,288	18,510	325,505
2009-10	1.565	3.996	0.928	242,949	225,457	590,896
2010-11	5.962	17.012	7.640	70,725	540,336	616,242
Total				\$393,547	\$790,008	\$5,381,269

Notes:

- (1) Page 50, Column (2).
- (2) Page 51, Column (2).
- (3) $[(1) - 1.000] \times (2) / [(2) - (1)]$.
- (4) Page 50, Column (1) - Page 51, Column (1).
- (5) (3) x (4), rounded.
- (6) (5) + Page 50, Column (1).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Bornhuetter-Ferguson Using Reported Losses
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Cumulative Reported Loss Development Factors (2)	Percentage of Losses Not Yet Reported (3)	Expected Unreported Losses (4)	Limited Losses Reported as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	\$269,753	1.000	0.0%	\$0	\$385,844	\$385,844
2001-02	275,297	1.000	0.0%	0	785,064	785,064
2002-03	281,274	1.000	0.0%	0	609,087	609,087
2003-04	335,603	1.002	0.2%	671	336,322	336,993
2004-05	343,470	1.002	0.2%	687	407,126	407,813
2005-06	351,537	1.003	0.3%	1,055	507,072	508,127
2006-07	359,457	1.011	1.1%	3,954	363,048	367,002
2007-08	367,440	1.037	3.6%	13,228	449,358	462,586
2008-09	375,579	1.140	12.3%	46,196	306,995	353,191
2009-10	383,496	1.565	36.1%	138,442	365,439	503,881
2010-11	391,689	5.962	83.2%	325,885	75,906	401,791
Total	\$3,734,594			\$530,118	\$4,591,261	\$5,121,379

Notes:

- (1) Page 28, Column (6), adjusted for \$100K limit.
- (2) Page 50, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) (1) x (3).
- (5) Page 50, Column (1).
- (6) (4) + (5).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Bornhuetter-Ferguson Using Paid Losses
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	<i>A Priori</i> Ultimate Losses (1)	Cumulative paid Loss Development Factors (2)	Percentage of Losses Not Yet paid (3)	Expected Unpaid Losses (4)	Losses Paid as of 12/31/10 (5)	Estimated Ultimate Losses (6)
2000-01	\$269,753	1.000	0.0%	\$0	\$385,844	\$385,844
2001-02	275,297	1.003	0.3%	826	785,064	785,890
2002-03	281,274	1.006	0.6%	1,688	609,087	610,775
2003-04	335,603	1.012	1.2%	4,027	336,322	340,349
2004-05	343,470	1.019	1.8%	6,182	407,126	413,308
2005-06	351,537	1.027	2.7%	9,491	507,072	516,563
2006-07	359,457	1.072	6.7%	24,084	344,933	369,017
2007-08	367,440	1.250	20.0%	73,488	439,888	513,376
2008-09	375,579	1.884	46.9%	176,146	254,707	430,853
2009-10	383,496	3.996	75.0%	287,622	122,490	410,112
2010-11	391,689	17.012	94.1%	368,579	5,181	373,760
Total	\$3,734,594			\$952,133	\$4,197,714	\$5,149,847

Notes:

- (1) Page 53, Column (1).
- (2) Page 51, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) $(1) \times (3)$.
- (5) Page 51, Column (1).
- (6) $(4) + (5)$.

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Future Loss Exhibits

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected \$1M Loss Rate for 2011-12

All Gross of \$10K Deductible

Based on \$100K Limit Analysis

Program Year	100K Limit Loss Rate (1)	Factor for \$1M SIR (2)	Projected \$1M SIR Loss Rate (3)
2011-12	\$1.29	2.155	\$2.79

Based on \$250K Limit Analysis

Program Year	250K Limit Loss Rate (4)	Factor for \$1M SIR (5)	Projected \$1M SIR Loss Rate (6)
2011-12	\$1.65	1.479	\$2.43

Based on \$1M Limit Analysis

Program Year	1M Limit Loss Rate (7)	Factor for \$1M SIR (8)	Projected \$1M SIR Loss Rate (9)
2011-12	\$1.88	1.000	\$1.88

Program Year	Selected 2011-12 \$1M SIR Loss Rate (10)	Projected 2011-12 Payroll (\$00's) (11)	Projected Ultimate Losses (12)
2011-12	\$2.43	\$430,000	\$1,046,507

Notes:

- | | |
|-------------------------|--------------------------------|
| (1) Page 57, Item (4). | (7) Page 59, Item (4). |
| (2) Estimated by BAC. | (8) Estimated by BAC. |
| (3) (1) x (2), rounded. | (9) (7) x (8), rounded. |
| (4) Page 58, Item (4). | (10) Based on (3), (6), & (9). |
| (5) Estimated by BAC. | (11) Page 72, Column (2). |
| (6) (4) x (5), rounded. | (12) (10) x (11), rounded. |

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Future Loss Rate
Losses Limited to \$100,000, Gross of \$10K Deductible

Program Year	Estimated Ultimate Losses (1)	Pure Premium Trend (2)	Losses Trended to 2011-12 (3)
2000-01	\$385,844	1.275	\$491,866
2001-02	785,064	1.246	977,814
2002-03	609,087	1.217	741,432
2003-04	336,322	1.190	400,181
2004-05	407,126	1.163	473,481
2005-06	507,072	1.137	576,506
2006-07	370,000	1.112	411,385
2007-08	480,000	1.088	522,100
2008-09	380,000	1.065	404,569
2009-10	540,000	1.042	562,821
2010-11	400,000	1.021	408,292
Average 00-01 through 09-10:			\$556,216
(4) Projected 2011-12 Payroll (\$00):			\$430,000
(5) Projected 2011-12 \$100K Limit Rate:			\$1.29

Notes:

- (1) Page 49, Column (6).
- (2) Estimated by BAC.
- (3) (1) x (2).
- (4) Page 72, Column (2).
- (5) Average (3) / (4).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Future Loss Rate
Losses Limited to \$250,000, Gross of \$10K Deductible

Program Year	Estimated Ultimate Losses (1)	Trend Factor (2)	Losses Trended to 2011-12 (3)
2000-01	\$385,844	1.327	\$512,190
2001-02	857,076	1.292	1,107,453
2002-03	930,356	1.258	1,170,412
2003-04	486,322	1.225	595,872
2004-05	436,606	1.194	521,203
2005-06	556,750	1.163	647,682
2006-07	440,000	1.134	498,918
2007-08	650,000	1.105	718,437
2008-09	410,000	1.077	441,744
2009-10	820,000	1.051	861,494
2010-11	550,000	1.025	563,680
Average 00-01 through 09-10:			\$707,541
(4) Projected 2011-12 Payroll (\$00's):			\$430,000
(5) Projected 2011-12 \$250K Limit Rate:			\$1.65

Notes:

- (1) Page 42, Column (6).
- (2) Estimated by BAC.
- (3) (1) x (2).
- (4) Page 72, Column (2).
- (5) Average (3) / (4).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Projected Future Loss Rate
Losses Limited to \$1,000,000, Gross of \$10K Deductible

Program Year	Estimated Ultimate Losses (1)	Trend Factor (2)	Losses Trended to 2011-12 (3)
2000-01	\$385,844	1.409	\$543,680
2001-02	857,076	1.364	1,168,813
2002-03	1,154,287	1.320	1,524,019
2003-04	537,556	1.279	687,601
2004-05	436,606	1.239	541,118
2005-06	556,750	1.201	668,750
2006-07	450,000	1.164	523,973
2007-08	690,000	1.129	779,140
2008-09	460,000	1.095	503,753
2009-10	1,090,000	1.062	1,157,640
2010-11	840,000	1.030	865,443

Average 00-01 through 09-10: \$809,849

(4) Projected 2011-12 Payroll (\$00's): \$430,000

(5) Projected 2011-12 \$1M Limit Rate: \$1.88

Notes:

- (1) Page 28, Column (6).
- (2) Estimated by BAC.
- (3) (1) x (2).
- (4) Page 72, Column (2).
- (5) (3) / (4).

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Discounting Exhibits

Monterey Bay Area Self Insurance Authority
 General and Auto Liability Program

Discounted Value of Unpaid Losses as of June 30, 2011
 Assuming a 2.0% Interest Rate

Losses Limited to SIR, NET of \$10K Deductible

Program Year	Estimated Unpaid Losses (1)	Discount Factor (2)	Discounted Unpaid Losses (3)
2000-01	\$0	1.000	\$0
2001-02	1	1.000	1
2002-03	0	1.000	0
2003-04	0	1.000	0
2004-05	0	1.000	0
2005-06	0	1.000	0
2006-07	21,593	0.990	21,380
2007-08	127,548	0.984	125,525
2008-09	160,776	0.979	157,378
2009-10	656,455	0.969	635,982
2010-11	709,891	0.961	681,950
Total	\$1,676,264		\$1,622,216

(4) Indicated Discount Factor: 0.968

Notes:

- (1) Page 20, Column (6).
- (2) (3) / (1).
- (3) Based upon a 2.0% interest rate.
- (4) [Sum of Column (3)] / [Sum of Column (1)].

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Discounted Value of 2011-12 Losses as of July 1, 2011
Assuming a 2.0% Interest rate

Losses Limited to \$1M SIR, Gross of \$10K Deductible

Program Year	Projected Loss Payments (1)	Discounted Value Factor (2)	Discounted Value of Payments (3)
2011-12	\$63,504	0.990	\$62,878
2012-13	310,304	0.971	301,222
2013-14	296,559	0.952	282,235
2014-15	182,692	0.933	170,458
2015-16	143,233	0.915	131,022
2016-17	50,216	0.897	45,034
2017-18	0	0.879	0
2018-19	0	0.862	0
2019-20	0	0.845	0
2020-21	0	0.829	0
2021-22	0	0.812	0
Total	\$1,046,507		\$992,849

(4) Indicated Discount Factor: 0.949

Notes:

- (1) Based upon the observed payment pattern.
- (2) Based upon a 2.0% interest rate.
- (3) (1) x (2).
- (4) [Sum of Column (3)] / [Sum of Column (1)].

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Discounted Value of 2011-12 Losses as of July 1, 2011
Assuming a 2.0% Interest rate

Losses Limited to \$1M SIR, NET of \$10K Deductible

Program Year	Projected Loss Payments (1)	Discounted Value Factor (2)	Discounted Value of Payments (3)
2011-12	\$20,188	0.990	\$19,989
2012-13	231,212	0.971	224,445
2013-14	188,949	0.952	179,823
2014-15	244,643	0.933	228,261
2015-16	135,800	0.915	124,222
2016-17	60,865	0.897	54,584
2017-18	0	0.879	0
2018-19	0	0.862	0
2019-20	0	0.845	0
2020-21	0	0.829	0
2021-22	0	0.812	0
Total	\$881,657		\$831,324

(4) Indicated Discount Factor: 0.943

Notes:

- (1) Based upon the observed payment pattern.
- (2) Based upon a 2.0% interest rate.
- (3) (1) x (2).
- (4) [Sum of Column (3)] / [Sum of Column (1)].

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Deductibles

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Selected Ultimate Deductible Losses
Losses Limited to \$10,000 Deductible

Program Year	Reported Projection (1)	B-F Method Using Reported (2)	Selected Ultimate Losses (3)
2000-01	\$143,461	\$143,461	\$143,461
2001-02	177,609	177,609	177,609
2002-03	170,438	170,418	170,418
2003-04	111,298	111,286	111,286
2004-05	108,784	108,778	108,778
2005-06	128,866	128,857	128,857
2006-07	137,330	137,313	137,216
2007-08	118,424	118,446	118,196
2008-09	139,236	138,360	138,798
2009-10	175,052	168,336	171,694
2010-11	120,441	106,505	113,473
Total	\$1,530,939	\$1,509,369	\$1,519,786

Notes:

- (1) Page 66, Column (3).
- (2) Page 67, Column (6).
- (3) Selected on the basis of (1) - (2).

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Reported Loss Development
Deductible Losses Limited to \$10,000

Program Year	Cumulative Reported Losses as of 12/31/10 (1)	Reported Development Factor as of 12/31/10 (2)	Projected Ultimate Losses (3)
2000-01	\$143,461	1.000	\$143,461
2001-02	177,609	1.000	177,609
2002-03	170,418	1.000	170,438
2003-04	111,286	1.000	111,298
2004-05	108,778	1.000	108,784
2005-06	128,857	1.000	128,866
2006-07	137,216	1.001	137,330
2007-08	118,196	1.002	118,424
2008-09	136,198	1.022	139,236
2009-10	143,132	1.223	175,052
2010-11	30,906	3.897	120,441
Total	\$1,406,057		\$1,530,939

Notes:

- (1) Provided by Risk Management Services.
- (2) Estimated by BAC.
- (3) (1) x (2), rounded.

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Bornhuetter-Ferguson Using Reported Losses
Deductible Losses Limited to \$10,000

Program Year	<i>A Priori</i> Ultimate Losses (1)	Cumulative Reported Loss Development Factors (2)	Percentage of Losses Not Yet Reported (3)	Expected Unreported Losses (4)	Limited Losses Reported as of 12/31/10 (5)	Estimated Ultimate Deductible Losses (6)
2000-01	\$107,583	1.000	0.0%	\$0	\$143,461	\$143,461
2001-02	216,738	1.000	0.0%	0	177,609	177,609
2002-03	166,522	1.000	0.0%	0	170,418	170,418
2003-04	91,048	1.000	0.0%	0	111,286	111,286
2004-05	109,157	1.000	0.0%	0	108,778	108,778
2005-06	134,680	1.000	0.0%	0	128,857	128,857
2006-07	97,375	1.001	0.1%	97	137,216	137,313
2007-08	125,222	1.002	0.2%	250	118,196	118,446
2008-09	98,271	1.022	2.2%	2,162	136,198	138,360
2009-10	138,482	1.223	18.2%	25,204	143,132	168,336
2010-11	101,748	3.897	74.3%	75,599	30,906	106,505
Total	\$1,386,826			\$103,312	\$1,406,057	\$1,509,369

Notes:

- (1) Page 49, Column (6), adjusted for \$10K limit.
- (2) Page 66, Column (2).
- (3) $100\% - [1.000 / (2)]$.
- (4) $(1) \times (3)$.
- (5) Page 66, Column (1).
- (6) $(4) + (5)$.

Monterey Bay Area Self Insurance Authority

**Actuarial Analysis of the
General and Auto Liability Program**

Claims Data Exhibits

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Cumulative Reported Losses (\$000's) - Limited to \$1M per Loss - Includes ALAE

Program	Months of Development										
	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>
Year											
2000									557	557	556
2001								343	343	386	
2002							762	762	857		
2003						1,231	1,281	1,139			
2004					542	542	538				
2005				450	433	436					
2006			705	687	557						
2007		214	463	436							
2008	240	500	545								
2009	354	243									
2010	251										
	<u>12 - 24</u>	<u>24 - 36</u>	<u>36 - 48</u>	<u>48 - 60</u>	<u>60 - 72</u>	<u>72 - 84</u>	<u>84 - 96</u>	<u>96 - 108</u>	<u>108 - 120</u>	<u>120 - 132</u>	<u>132 - Ult.</u>
2 YR VOL	1.250	1.413	0.961	0.870	1.004	1.026	0.931	1.086	1.047	0.999	
2 YR AVG	1.385	1.628	0.958	0.886	1.004	1.016	0.945	1.062	1.062	0.999	
REFERENCE	2.552	1.353	1.106	1.025	1.008	1.004	1.004	1.003	1.003	1.002	1.000
SELECT	2.552	1.353	1.106	1.025	1.008	1.004	1.004	1.003	1.003	1.002	1.000
CUMULATIVE	4.015	1.573	1.162	1.050	1.025	1.017	1.013	1.008	1.005	1.002	1.000
@ 12/31	8.561	2.169	1.326	1.102	1.037	1.021	1.015	1.011	1.007	1.003	1.001

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Cumulative Paid Losses (\$000's) - Limited to \$1M per Loss - Includes ALAE

Program	Months of Development										
	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>
Year											
2000									557	557	556
2001								343	343	386	
2002							762	762	857		
2003						1,211	1,221	1,139			
2004					537	538	538				
2005				405	408	436					
2006			481	562	557						
2007		121	356	410							
2008	82	276	423								
2009	79	197									
2010	85										
	<u>12 - 24</u>	<u>24 - 36</u>	<u>36 - 48</u>	<u>48 - 60</u>	<u>60 - 72</u>	<u>72 - 84</u>	<u>84 - 96</u>	<u>96 - 108</u>	<u>108 - 120</u>	<u>120 - 132</u>	<u>132 - Ult.</u>
2 YR VOL	2.940	1.959	1.161	0.998	1.031	1.005	0.959	1.086	1.047	0.999	
2 YR AVG	2.931	2.234	1.159	0.999	1.036	1.004	0.967	1.062	1.062	0.999	
REFERENCE	4.309	2.252	1.388	1.119	1.048	1.010	1.012	1.010	1.013	1.017	1.005
SELECT	4.309	2.252	1.388	1.119	1.048	1.010	1.012	1.010	1.013	1.017	1.005
CUMULATIVE	16.879	3.917	1.739	1.253	1.119	1.068	1.058	1.046	1.036	1.022	1.005
@ 12/31	34.265	6.171	2.337	1.444	1.181	1.093	1.063	1.052	1.041	1.029	1.014

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Cumulative # of Reported Losses

Months of Development

Program	<u>Months of Development</u>											
	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>	<u>84</u>	<u>96</u>	<u>108</u>	<u>120</u>	<u>132</u>	
Year												
2000										37	37	36
2001								67	67	66		
2002							69	69	69			
2003						54	54	69				
2004					72	72	72					
2005				53	52	50						
2006			40	40	40							
2007		54	55	56								
2008	42	53	54									
2009	45	54										
2010	31											
	<u>12 - 24</u>	<u>24 - 36</u>	<u>36 - 48</u>	<u>48 - 60</u>	<u>60 - 72</u>	<u>72 - 84</u>	<u>84 - 96</u>	<u>96 - 108</u>	<u>108 - 120</u>	<u>120 - 132</u>	<u>132 - Ult.</u>	
2 YR VOL	1.230	1.019	1.011	0.989	0.984	1.000	1.122	1.000	0.990	0.973		
2 YR AVG	1.231	1.019	1.009	0.991	0.981	1.000	1.139	1.000	0.993	0.973		
SELECT	1.231	1.019	1.009	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CUMULATIVE	1.265	1.028	1.009	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
@ 12/31	3.135	1.129	1.018	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Monterey Bay Area Self Insurance Authority
General and Auto Liability Program

Program Information
Program Years run July 1 to June 30

Program Year	Self-Insured Retention (SIR) (1)	Payroll (\$00's) (2)	Deductible (3)
2000-01	\$500,000	\$263,274	\$10,000
2001-02	500,000	297,462	10,000
2002-03	500,000	346,678	10,000
2003-04	1,000,000	401,995	10,000
2004-05	1,000,000	401,860	10,000
2005-06	1,000,000	429,640	10,000
2006-07	1,000,000	428,182	10,000
2007-08	1,000,000	437,000	10,000
2008-09	1,000,000	470,000	10,000
2009-10	1,000,000	455,000	10,000
2010-11	1,000,000	430,000	10,000
2011-12	?	430,000	10,000

Notes:

- (1) Provided by MBASIA.
- (2) Provided by MBASIA.
- (3) Provided by MBASIA.
Deductible assumed to apply to combined loss & ALAE.