



**COUNTY OF SOLANO
MISCELLANEOUS AND SAFETY PLANS**

CalPERS Actuarial Issues – 6/30/08 Valuation

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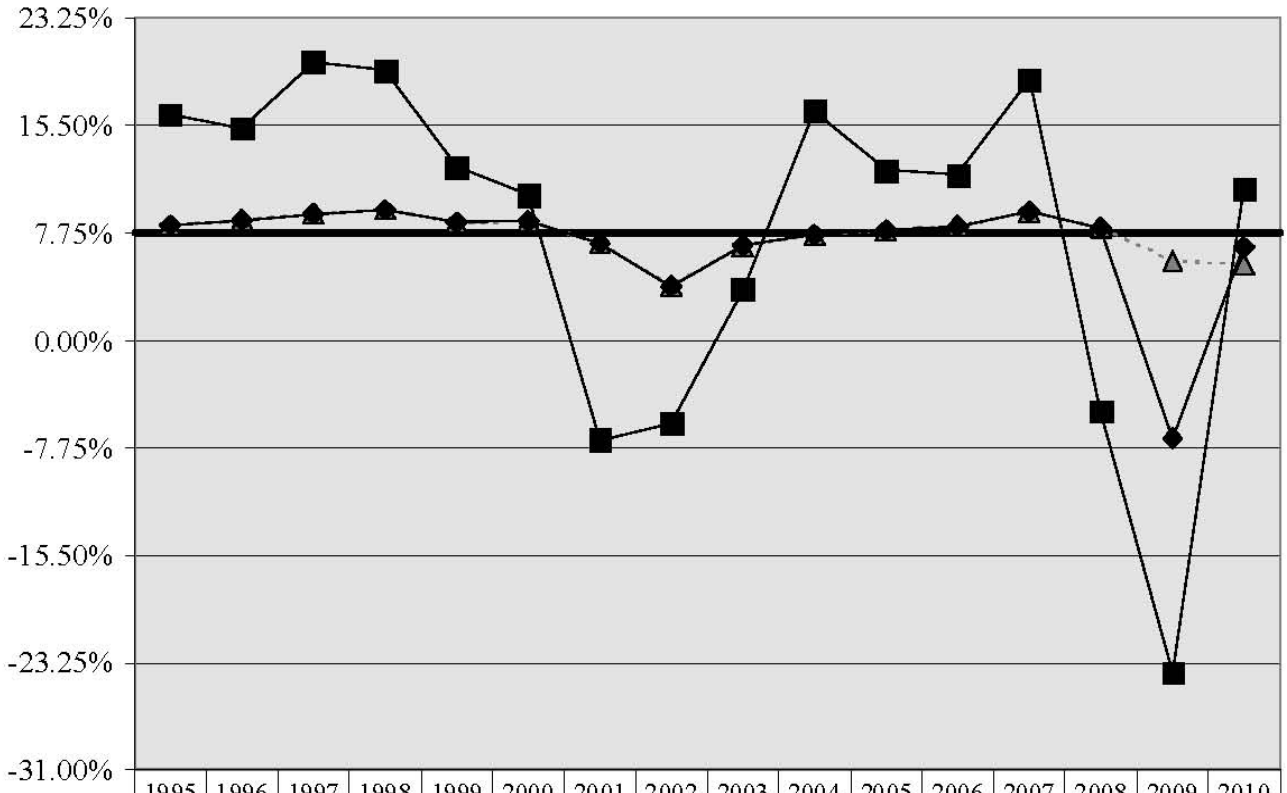
October 5, 2010

**Funded Status
Miscellaneous**

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CalPERS Actuarial Investment Return Miscellaneous

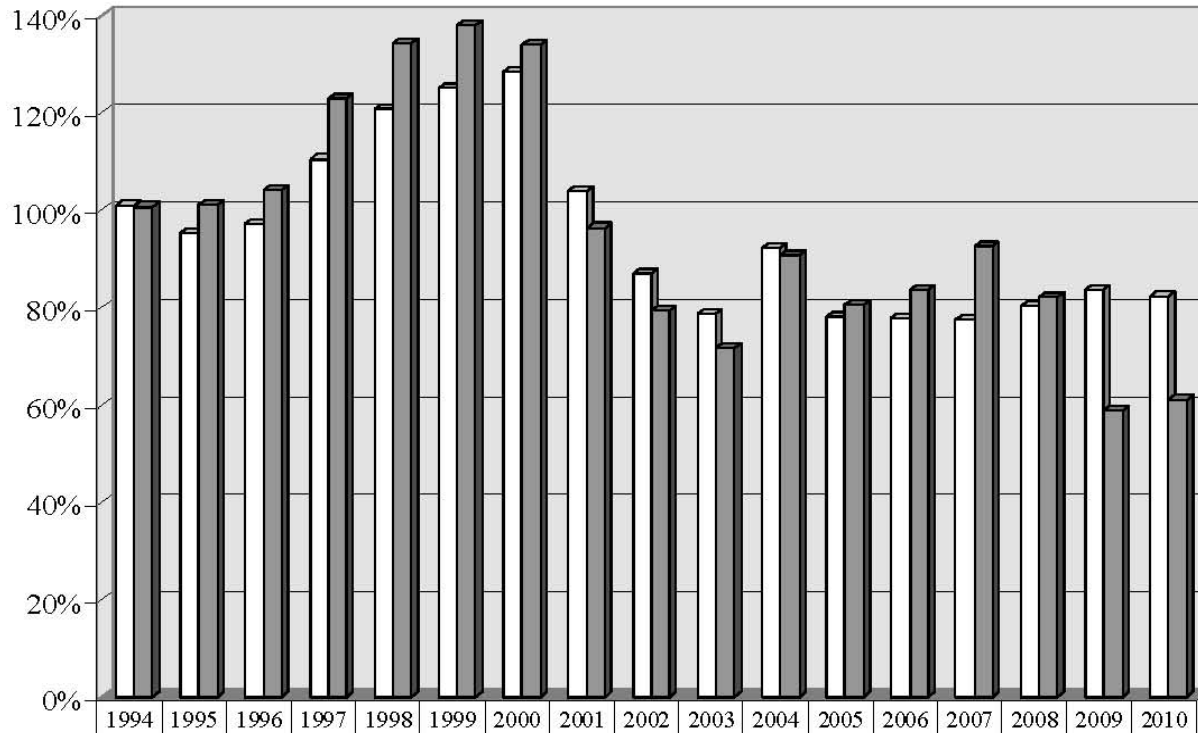


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
--▲-- AVA Modified	8.3%	8.7%	9.1%	9.4%	8.5%	8.6%	7.0%	3.9%	6.8%	7.6%	8.0%	8.2%	9.3%	8.1%	5.7%	5.5%
■ MVA Rate	16.3%	15.3%	20.1%	19.5%	12.5%	10.5%	-7.2%	-6.0%	3.7%	16.6%	12.3%	11.9%	18.8%	-5.1%	-24.0	10.9%
◆ AVA Unmodified	8.3%	8.7%	9.1%	9.4%	8.5%	8.6%	7.0%	3.9%	6.8%	7.6%	8.0%	8.2%	9.3%	8.1%	-7.1%	6.7%



Funded Status Miscellaneous

Includes POB Proceeds And POB Balance



□ Funded Ratio - AVA	101%	95%	97%	111%	121%	125%	128%	104%	87%	79%	92%	78%	78%	77%	80%	84%	82%
■ Funded Ratio - MVA	101%	101%	104%	123%	134%	138%	134%	96%	79%	72%	91%	81%	84%	93%	82%	59%	61%

6/30/09 & 6/30/10 funded status estimated

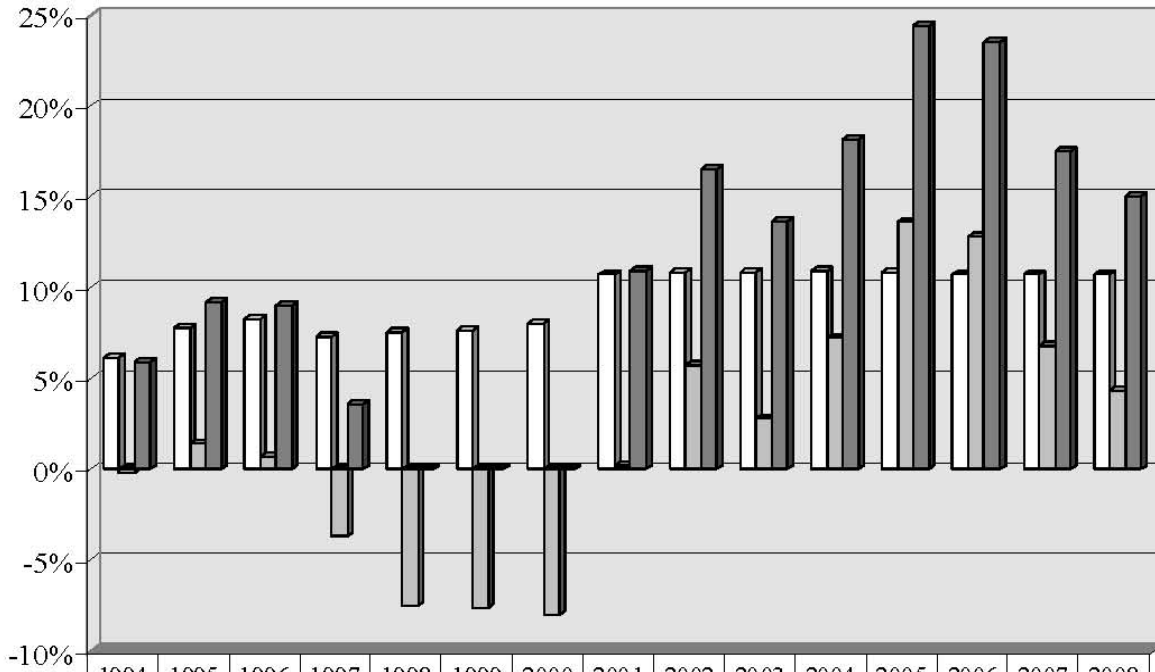


October 5, 2010



Contribution Rates Miscellaneous

Includes POB Proceeds and POB Debt Service



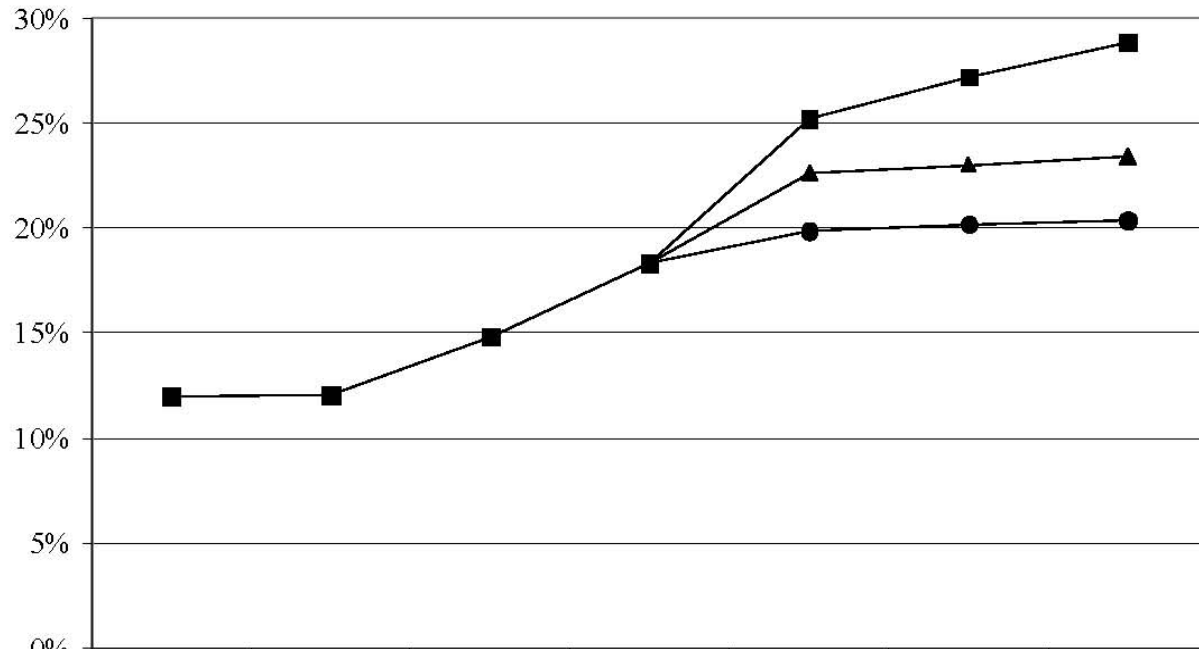
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
□ Normal Cost	6.1%	7.8%	8.3%	7.3%	7.5%	7.6%	8.0%	10.7%	10.8%	10.8%	10.9%	10.8%	10.7%	10.7%	10.7%
■ UAL Amort	-0.2%	1.4%	0.7%	-3.7%	-7.5%	-7.6%	-8.0%	0.2%	5.7%	2.8%	7.2%	13.6%	12.8%	6.8%	4.3%
■ Total	5.9%	9.2%	9.0%	3.6%	0.0%	0.0%	0.0%	10.9%	16.5%	13.6%	18.1%	24.4%	23.5%	17.5%	15.0%



Contribution Projections Miscellaneous

Investment Return Varies

ER Contribution Rate - Based on County Payroll

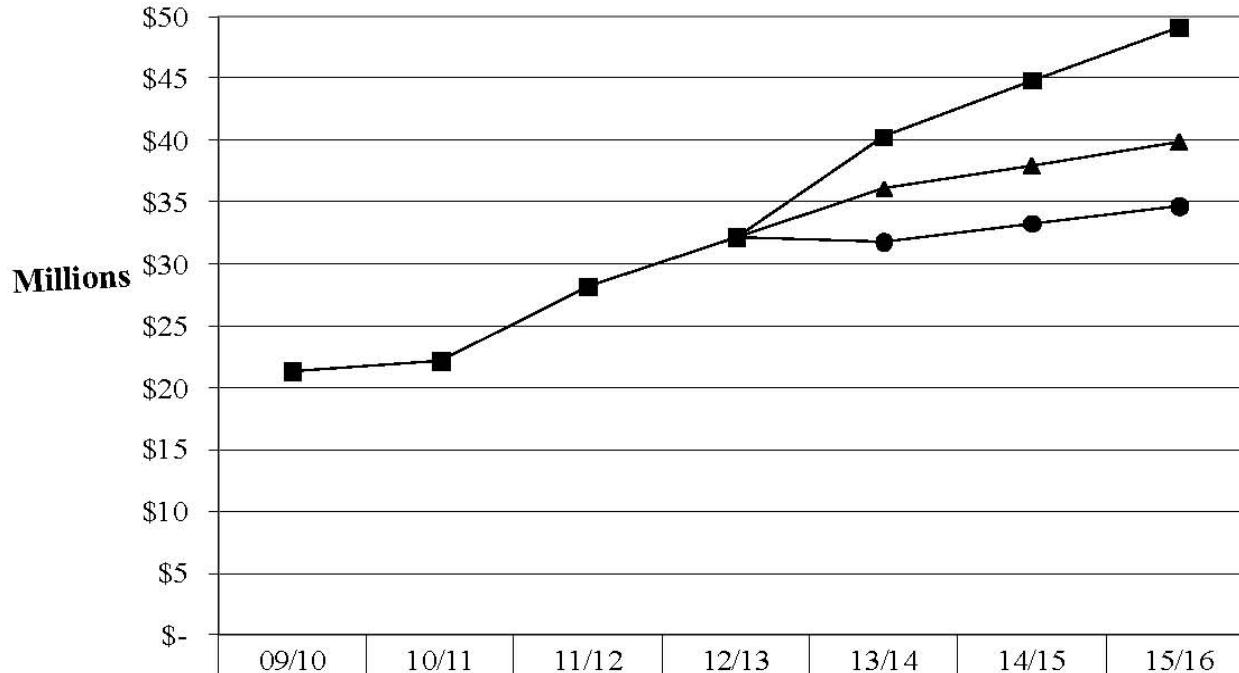


	09/10	10/11	11/12	12/13	13/14	14/15	15/16
■ Poor Investment	12.0%	12.1%	14.8%	18.3%	25.2%	27.2%	28.9%
▲ Meets Expectation	12.0%	12.1%	14.8%	18.3%	22.6%	23.0%	23.4%
● Good Investment	12.0%	12.1%	14.8%	18.3%	19.9%	20.2%	20.4%



Contribution Projections Miscellaneous

Investment Return Varies ER Contribution - Based on County Payroll

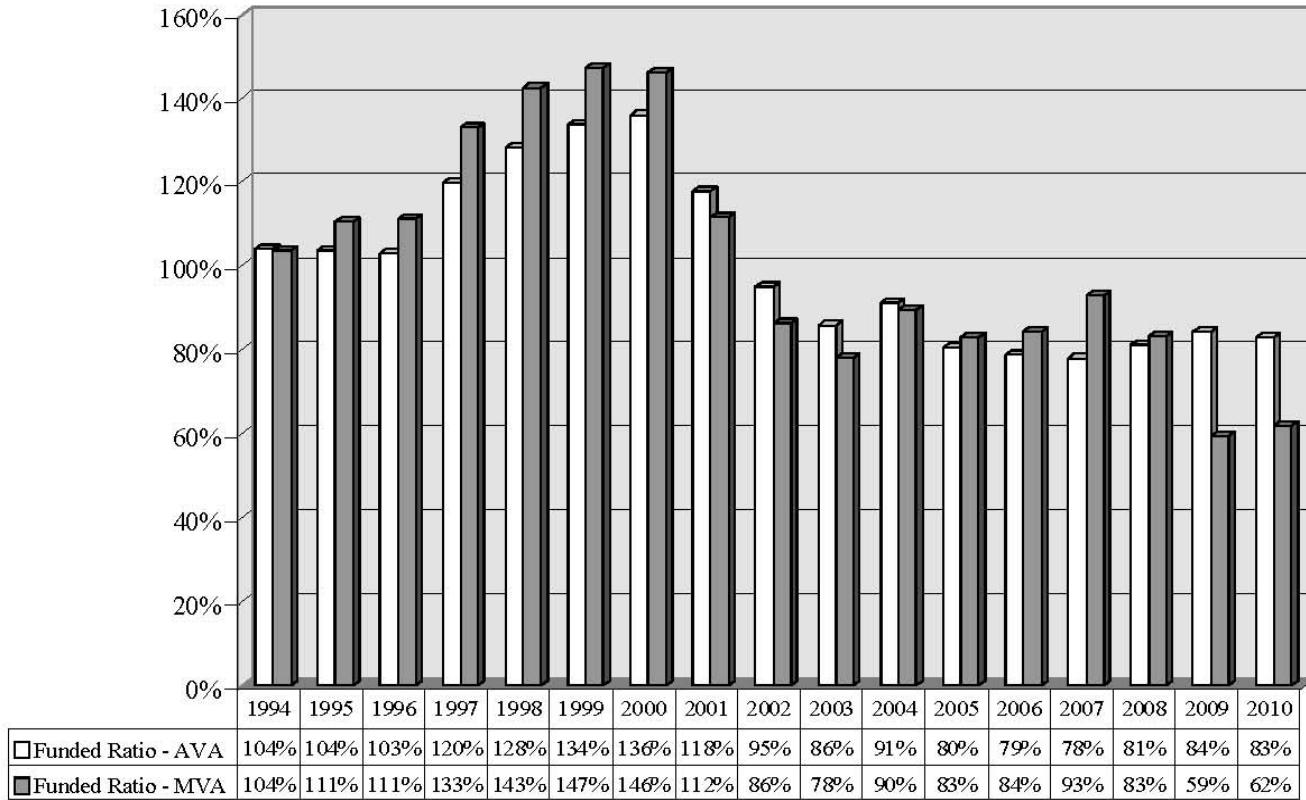


■ Poor Investment	21.4	22.2	28.2	32.2	40.3	44.9	49.1
▲ Meets Expectation	21.4	22.2	28.2	32.2	36.1	37.9	39.9
● Good Investment	21.4	22.2	28.2	32.2	31.8	33.3	34.7



Funded Status Safety

Includes POB Proceeds and POB Balance

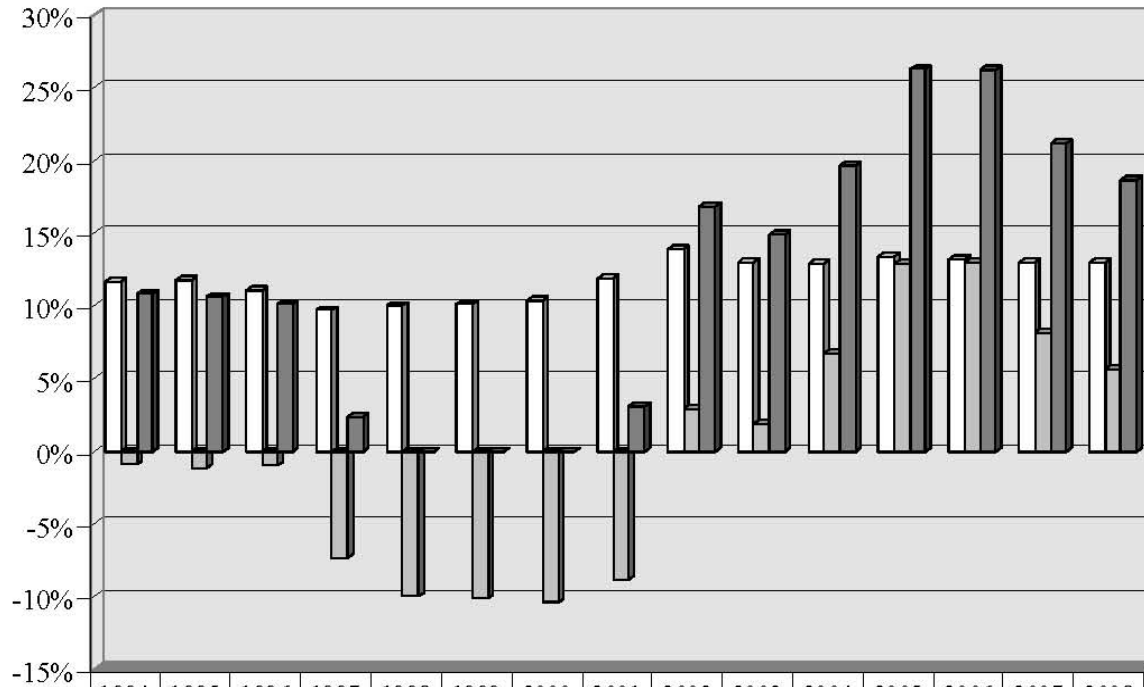


6/30/09 & 6/30/10 funded status estimated



Contribution Rates Safety

Included POB Proceeds and POB Debt Service

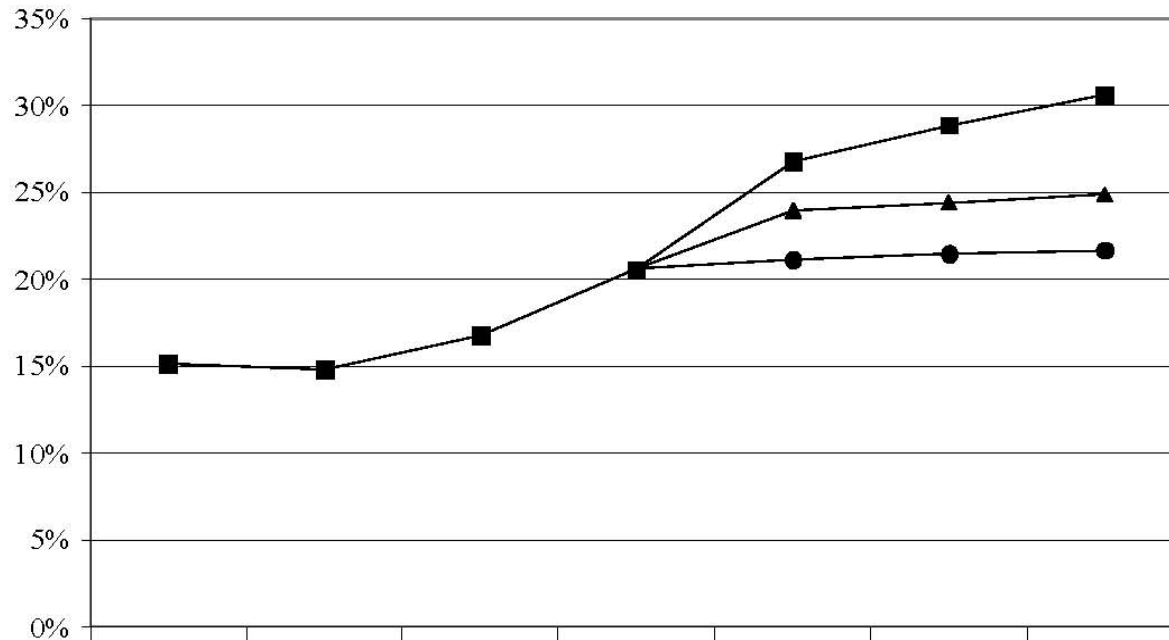


□ Normal Cost	11.7%	11.8%	11.1%	9.7%	10.0%	10.1%	10.4%	11.9%	13.9%	13.0%	12.9%	13.4%	13.2%	13.0%	13.0%
▒ UAL Amort	-0.9%	-1.2%	-1.0%	-7.3%	-10.0%	-10.1%	-10.4%	-8.8%	2.9%	1.9%	6.8%	12.9%	13.0%	8.2%	5.6%
■ Total	10.8%	10.6%	10.1%	2.4%	0.0%	0.0%	0.0%	3.1%	16.8%	14.9%	19.7%	26.3%	26.2%	21.2%	18.6%



Contribution Projections Safety

Investment Return Varies ER Contribution - Based on County Payroll

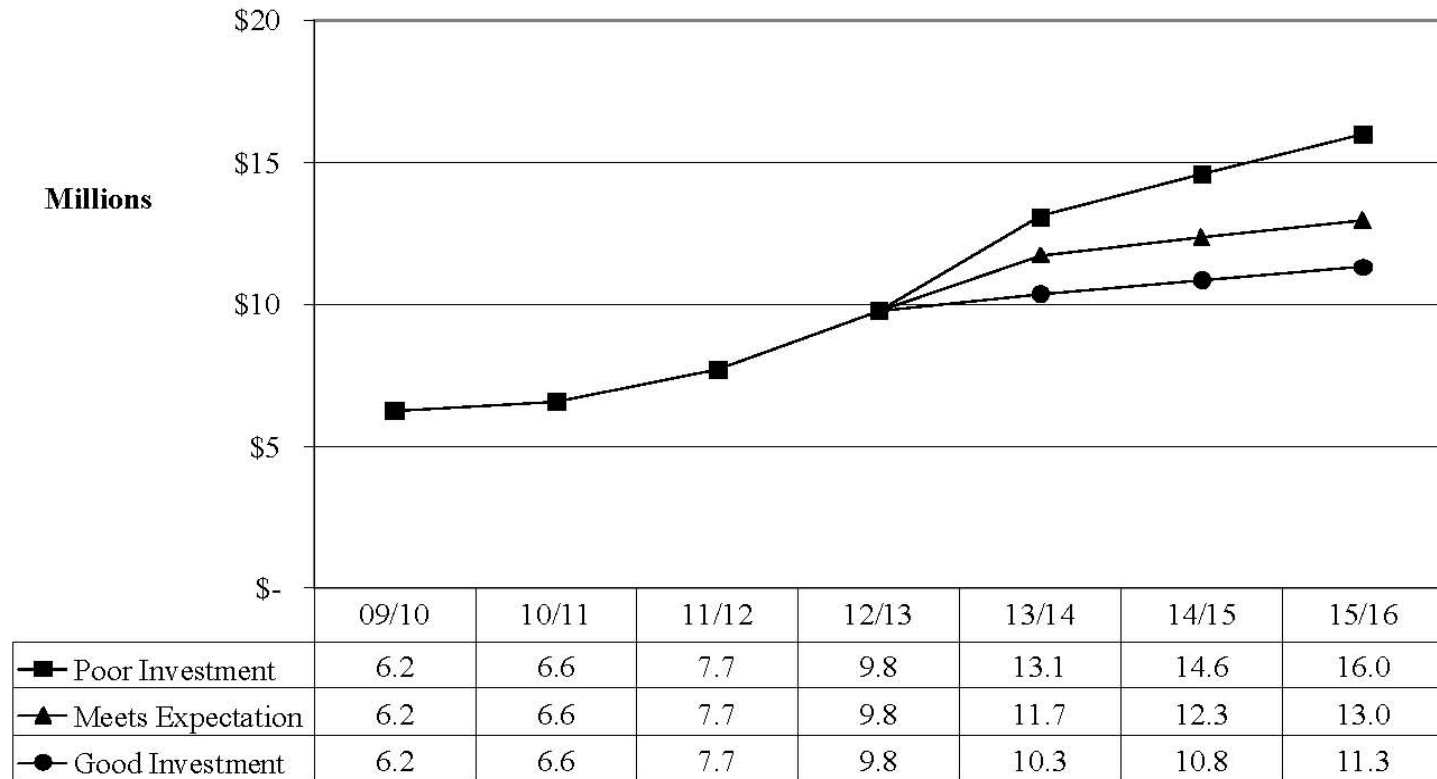


	09/10	10/11	11/12	12/13	13/14	14/15	15/16
■ Poor Investment	15.1%	14.8%	16.8%	20.6%	26.7%	28.9%	30.6%
▲ Meets Expectation	15.1%	14.8%	16.8%	20.6%	24.0%	24.4%	24.8%
● Good Investment	15.1%	14.8%	16.8%	20.6%	21.1%	21.5%	21.7%



Contribution Projections Safety

Investment Return Varies ER Contribution - Based on County Payroll



Current Benefits

	Miscellaneous	Safety
● Benefit Formula	2.7% @ 55	Sheriff - 3% @ 50 Others - 2% @ 50
● FAE	One Year (FAE1)	One Year (FAE1)
● PRSA	No	No
● COLA	2%	2%
● EPMC	5% ¹ , by resolution	7.8% ² , by resolution

■ Estimated Savings

- Projection based on benefits earned, not benefits being paid out
- Savings % apply to Tier 2 payroll

¹ County pays EPMC % based on bargaining units. Averaged at 5%.

² 9% for Correctional Officers & DSA (Currently there is one year agreement for DSA to pick up 3%. It will revert back to 9% in October 2010.), 6% for other safety. Averaged at 7.8%.



Estimated Savings
(000's)

Miscellaneous
Both Tier 1 & Tier 2 with EPMC

	Savings for 2.0%@60		
Year	Employer Contribution	Employee Contribution	Total
2011/12	\$ 292	\$ -	\$ 292
2012/13	559	-	559
2013/14	827	-	827
2014/15	1,144	-	1,144
2015/16	1,425	-	1,425
2016/17	1,762	-	1,762
2017/18	2,174	-	2,174
2018/19	2,562	-	2,562
2019/20	2,976	-	2,976
2020/21	3,428	-	3,428
2021/22	3,889	-	3,889



Estimated Savings
(000's)

Miscellaneous

Tier 1 & Tier 2 decrease EPSC to 0% over two years

	Savings for 2% @ 60		
Year	Employer Contribution	Employee Contribution	Total
2011/12	\$ 1,210	\$ 5,526	\$ 6,736
2012/13	2,127	9,324	11,451
2013/14	2,434	9,627	12,061
2014/15	2,790	9,939	12,729
2015/16	3,112	10,263	13,375
2016/17	3,490	10,596	14,086
2017/18	3,941	10,940	14,881
2018/19	4,372	11,296	15,668
2019/20	4,828	11,663	16,491
2020/21	5,324	12,042	17,366
2021/22	5,830	12,434	18,264



Estimated Savings

(000's)

Safety

Both Tier 1 & Tier 2 with EPMC

Savings for Sheriff with 3%@55 & Other with 2%@55			
Year	Employer Contribution	Employee Contribution	Total
2011/12	\$ 20	\$ -	\$ 20
2012/13	33	-	33
2013/14	49	-	49
2014/15	69	-	69
2015/16	88	-	88
2016/17	110	-	110
2017/18	131	-	131
2018/19	154	-	154
2019/20	177	-	177
2020/21	208	-	208
2021/22	233	-	233



Estimated Savings

(000's)

Safety

Tier 1 and Tier 2 decrease EPMC to 0% over three years

	Savings for Sheriff with 3%@55 & Other with 2%@55		
Year	Employer Contribution	Employee Contribution	Total
2011/12	\$ 307	\$ 1,339	\$ 1,646
2012/13	628	2,686	3,314
2013/14	845	3,542	4,387
2014/15	889	3,657	4,546
2015/16	934	3,775	4,709
2016/17	982	3,898	4,880
2017/18	1,030	4,025	5,055
2018/19	1,081	4,156	5,237
2019/20	1,132	4,291	5,423
2020/21	1,193	4,430	5,623
2021/22	1,249	4,574	5,823

