

Item 8b Attachment 3a

Reconciliation of Employer Contribution Rates

Change in Normal Cost Rate from 2014-15 to 2015-16 for the Retirement Program						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Normal Cost Rate	9.171%	8.483%	10.809%	12.198%	16.849%	16.314%
Effect of Change in Employee Contribution Rate	0.000%	-0.162%	-0.033%	0.000%	0.000%	0.000%
Effect of (Gain)/Loss	-0.273%	-0.102%	-0.215%	-0.620%	-0.465%	-0.166%
2015-16 Normal Cost Rate	8.898%	8.219%	10.561%	11.578%	16.384%	16.148%

Change in Unfunded Liability Amortization Rate from 2014-15 to 2015-16 for the Retirement Program						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Rate to Amortize the Unfunded Liability	15.013%	15.013%	6.477%	5.898%	18.284%	25.822%
Effect of Ramp in of Change in Assumptions	1.433%	1.433%	0.833%	0.747%	2.136%	3.058%
Effect of (Gain)/Loss	-0.276%	-0.276%	-0.096%	-0.213%	0.459%	0.326%
2015-16 Rate to Amortize the Unfunded Liability	16.170%	16.170%	7.214%	6.432%	20.879%	29.206%

Change in Group Term Life Rate from 2014-15 to 2015-16						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Group Term Life Rate	0.014%	0.014%	0.000%	0.060%	0.047%	0.039%
Effect of (Gain)/Loss	-0.014%	-0.014%	0.000%	0.012%	0.028%	0.013%
2015-16 Group Term Life Rate	0.000%	0.000%	0.000%	0.072%	0.075%	0.052%

Change in Total Rate from 2014-15 to 2015-16						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Employer Rates	24.198%	23.510%	17.286%	18.156%	35.180%	42.175%
Effect of Change in Employee Contribution Rate	0.000%	-0.162%	-0.033%	0.000%	0.000%	0.000%
Effect of Ramp in of Change in Assumptions	1.433%	1.433%	0.833%	0.747%	2.136%	3.058%
Effect of (Gain)/Loss	-0.563%	-0.392%	-0.311%	-0.821%	0.022%	0.173%
2015-16 Employer Rates	25.068%	24.389%	17.775%	18.082%	37.338%	45.406%

Item 8b Attachment 3b

Reconciliation of Employer Contributions

Change in Normal Cost Contribution from 2014-15 to 2015-16 for the Retirement Program						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Normal Cost Contribution	\$890,851,890	\$25,468,954	\$57,542,094	\$229,435,981	\$520,170,053	\$125,095,199
Effect of Change in Payroll	78,483,091	(1,374,828)	5,268,911	19,110,039	20,052,103	5,555,200
Effect of Change in Employee Contribution Rate	-	(460,126)	(191,763)	-	-	-
Effect of (Gain)/Loss	(28,854,917)	(289,709)	(1,249,363)	(12,633,098)	(14,909,093)	(1,329,409)
2015-16 Normal Cost Contribution	\$940,480,064	\$23,344,291	\$61,369,879	\$235,912,922	\$525,313,063	\$129,320,990

Change in Unfunded Liability Amortization Contribution from 2014-15 to 2015-16 for the Retirement Program						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Amortization of the Unfunded Liability	\$1,458,358,866	\$45,075,156	\$34,482,210	\$110,944,965	\$564,481,103	\$197,998,860
Effect of Progression of Amortization of Prior Unfunded Liability	50,218,006	(5,114,986)	1,034,467	3,328,349	16,934,432	5,939,965
Effect of Ramp in of Change in Assumptions	143,397,123	4,432,138	4,569,834	14,479,797	67,931,061	24,152,128
Effect of (Gain)/Loss	57,167,717	1,536,227	1,836,273	2,310,978	20,095,454	5,805,924
2015-16 Amortization of the Unfunded Liability	\$1,709,141,712	\$45,928,535	\$41,922,784	\$131,064,089	\$669,442,050	\$233,896,877

Change in Group Term Life Contribution from 2014-15 to 2015-16						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Group Term Life Contribution	\$1,359,931	\$42,033	\$0	\$1,128,559	\$1,451,006	\$299,051
Effect of Change in Payroll	119,808	(2,269)	-	93,999	55,935	13,280
Effect of (Gain)/Loss	(1,479,739)	(39,764)	-	244,511	897,751	104,110
2015-16 Group Term Life Contribution	\$0	\$0	\$0	\$1,467,069	\$2,404,692	\$416,441

Change in Total Contribution from 2014-15 to 2015-16						
	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol
	Tier 1	Tier 2				
2014-15 Employer Contribution	\$2,350,570,687	\$70,586,143	\$92,024,304	\$341,509,505	\$1,086,102,162	\$323,393,110
Effect of Change in Payroll and Progression of Amortization of Prior Unfunded Liability	128,820,905	(6,492,083)	6,303,378	22,532,387	37,042,470	11,508,445
Effect of Ramp in of Change in Assumptions	143,397,123	4,432,138	4,569,834	14,479,797	67,931,061	24,152,128
Effect of Change in Employee Contribution Rate	-	(460,126)	(191,763)	-	-	-
Effect of (Gain)/Loss	26,833,061	1,206,754	586,910	(10,077,609)	6,084,112	4,580,625
2015-16 Employer Contribution	\$2,649,621,776	\$69,272,826	\$103,292,663	\$368,444,080	\$1,197,159,805	\$363,634,308