

State & Schools Actuarial Valuation

As of June 30, 2002

*Establishing Required Contributions
for the Fiscal Year*

July 1, 2003 through June 30, 2004

CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

**State & Schools
Actuarial Valuation
as of June 30, 2002**

Actuarial & Employer Services Division

P.O. Box 942709

Sacramento, CA 94229-2709

Telecommunications Device for the Deaf - (916) 326-3240

(916) 326-3420

FAX (916) 326-3005

Table of Contents

ACTUARIAL CERTIFICATION	1	SUMMARY OF ASSETS	
		Development of the Actuarial Value of Assets	43
HIGHLIGHTS & EXECUTIVE SUMMARY		Reconciliation of the Market Value of Assets Over the Prior Fiscal Year	44
Purpose of the Report	5	Asset Allocation	45
Employer Contribution Rates	5		
Funded Status of the Plans	6	SUMMARY OF PARTICIPANT DATA	
Changes Since Prior Valuation	6	Source of the Participant Data	49
Subsequent Events	7	Data Validation Tests and Adjustments	49
		Data Statement	50
SUMMARY OF LIABILITIES AND RATES		Reconciliation of Participants	51
Comparison of Current and Prior Year	11	Distribution of Active Participants and Average Annual Salaries by Age and Service	55
Development of Accrued and Unfunded Liabilities	19	Distribution by Age and Service of Terminated Participants with Funds on Deposit and Transfers to Other CalPERS Plans	62
Development of Employer Contribution Rates	20	Summary of Retirees and Beneficiaries	69
Schedule of Amortization Bases for the Retirement Program	21		
Gain/Loss Analysis	23	APPENDIX A	
Reconciliation of Employer Contribution Rates	25	Statement of Actuarial Methods and Assumptions	A-1
Reconciliation of Employer Contributions	27		
Employer Contribution Rate History	29	APPENDIX B	
History of Funded Status and Funding Progress	34	Summary of Principal Plan Provisions	B-1

Actuarial Certification

To the best of our knowledge, this report is complete and accurate and contains sufficient information to fully and fairly disclose the funded condition of the CalPERS' State and Schools plans. This valuation is based on the member and financial data as of June 30, 2002, provided by the various CalPERS databases, and the benefit plans as outlined in Appendix B. It is our opinion that the valuation has been performed in accordance with generally accepted actuarial principles, in accordance with standards of practice prescribed by the Actuarial Standards Board, and that the assumptions and methods are internally consistent and reasonable for these plans, as prescribed by the CalPERS Board of Administration according to provisions set forth in the California Public Employees' Retirement Law.



Bill Karch, A.S.A., M.A.A.A.
Associate Pension Actuary, CalPERS



Kung-Pei Hwang, A.S.A., M.A.A.A.
Senior Pension Actuary, CalPERS



Ron Seeling, Ph.D., F.C.A., A.S.A., M.A.A.A.
Enrolled Actuary
Chief Actuary, CalPERS

HIGHLIGHTS AND EXECUTIVE SUMMARY

- **PURPOSE OF THE REPORT**
- **EMPLOYER CONTRIBUTION RATES**
- **FUNDED STATUS OF THE PLANS**
- **CHANGES SINCE PRIOR VALUATION**
- **SUBSEQUENT EVENTS**

Purpose of the Report

This actuarial valuation of the State and Schools plans of the California Public Employees' Retirement System (CalPERS) was performed by CalPERS' staff actuaries using data as of June 30, 2002 in order to:

- set forth the actuarial assets and funding liabilities of these plans as of June 30, 2002;
- establish the actuarially required contribution rates of these plans for the fiscal year July 1, 2003 through June 30, 2004;
- provide actuarial information as of June 30, 2002 to the CalPERS Board of Administration and other interested parties; and
- provide pension information as of June 30, 2002 to be used in financial reports subject to Governmental Accounting Standards Board Statement Number 27.

Use of this report for other purposes may be inappropriate.

Employer Contribution Rates

The actuarially required contribution rates for the fiscal year July 1, 2003 through June 30, 2004 are shown below. For comparison purposes, the corresponding rates for fiscal year July 1, 2002 through June 30, 2003 are also provided.

Plan	Actuarially Required Contributions	
	Fiscal 2002/03	Fiscal 2003/04
State Miscellaneous Tier 1	7.413%	14.843%
State Miscellaneous Tier 2	2.813%	10.265%
State Industrial	2.858%	11.099%
State Safety	17.055%	21.930%
State Peace Officers & Firefighters (POFF)	13.925%	20.325%
California Highway Patrol (CHP)	23.076%	32.653%
County Schools	2.894%	10.420%

The supporting exhibits in this report entitled "Reconciliation of Employer Contribution Rates" on page 25 and "Reconciliation of Employer Contributions" on page 27 provide explanations of the changes in rates from the 2002/2003 fiscal year to the 2003/2004 fiscal year. The rates for all the plans increased mainly due to the CalPERS 2001/2002 investment return being less than the actuarial assumed annual rate of investment return of 8.25%. The lower return caused a rate increase between

6% to 8% except the Safety plan (4%) and the California Highway Patrol (12%). The smaller increase in the Safety rate was mainly due to lower past service asset accumulation relative to payroll while the higher increase in the CHP rate is due to higher asset accumulation relative to payroll.

A history of the required contribution rates is included on page 29 of this report.

In preparing valuations and setting employer contribution rates, the asset figures used include accounts receivable. The CalPERS Actuarial Office assumes that all assets are accruing interest at the actuarially-assumed rate. Therefore, the rates depicted assume that all payments have been made and are accruing interest.

Funded Status of the Plans

The table below summarizes the funded status of the State plans and the Schools plan.

Funded Status of the Plans June 30, 2002

Plan	Entry Age Normal Accrued Liability	Actuarial Value of Assets	Unfunded Liability	Funded Ratio
State Miscellaneous	\$ 48,118,210,107	\$ 43,483,087,107	\$ 4,635,123,000	90.4%
State Industrial	1,294,626,350	1,319,681,967	(25,055,617)	101.9%
State Safety	2,476,467,771	2,118,495,337	357,972,434	85.5%
State Peace Officers and Firefighters	12,826,580,117	11,804,240,819	1,022,339,298	92.0%
California Highway Patrol	<u>4,137,935,103</u>	<u>3,475,229,959</u>	<u>662,705,144</u>	<u>84.0%</u>
Subtotal State	\$ 68,853,819,448	\$ 62,200,735,189	\$ 6,653,084,259	90.3%
Schools	<u>31,271,162,377</u>	<u>30,458,885,290</u>	<u>812,277,087</u>	<u>97.4%</u>
Total State and Schools	\$ 100,124,981,825	\$ 92,659,620,479	\$ 7,465,361,346	92.5%

Changes Since the Prior Valuation

ACTUARIAL ASSUMPTIONS

There were no changes in actuarial assumptions.

METHODS

A thirty-year fresh start was used for the Industrial, POFF, and Schools plans under the Board's adopted policy for fresh starts.

In addition, a data record is created for each period of employment for a given employer. This can result in multiple data records for an individual within a State plan or within the Schools plan. These records have been combined into one record within each State or Schools plan by active, inactive, or

retired status when the records represent different periods of employment under the same benefit structure and plan, the most notable combining was done in the POFF plan. Combining records does not result in double counting of liabilities.

PLAN PROVISIONS

This valuation has been prepared based on the benefit provisions in effect on June 30, 2002. The following pieces of legislation and collective bargaining changes have been included in determining the above contribution rates.

- AB 895 (2001) – Provides 3% at age 50 benefit formula to the Peace Officers and Firefighters in the California State University.
- Arnett Case – Due to the settlement of the Arnett Case, CalPERS, in July 2001, started paying higher benefits to the retirees whose industrial disability retirement (IDR) benefits were previously limited under the Government Code Section 21417. The removal of this limitation also applies to the benefits of all new IDRs on or after July 1, 2001.

Subsequent Events

The standard actuarial practice at CalPERS is to recognize benefit changes in the first actuarial valuation after the effective date of those benefit changes. Accordingly, the changes implemented by the following legislation will not be reflected until the first annual valuation after the effective date of the legislation.

SB 400 (1999) allows Tier 2 members of the State Miscellaneous and State Industrial plans to elect to join the equivalent Tier 1 plan at any time in their career. However, we have made no assumption about Tier 2 members electing to transfer to Tier 1 in the future, implicitly assuming that no such transfers will occur. In fact, approximately 6,300 former Tier 2 members have elected to transfer to Tier 1 during the fiscal year July 1, 2001 to June 30, 2002. Since the enactment of SB400, there have been approximately 49,500 Tier 2 members transfer to Tier 1. Because members have that right and that right has value, this issue will be re-examined in a future valuation.

Arnett Case – Due to the settlement of the Arnett Case, retroactive payments for the period between disability and date of settlement for retirees who were limited under the Government Code Section 21417 were settled at fifty cents per dollar. These payments will occur after the date of this valuation and will be captured as a loss in the next actuarial valuation.

SB 1801 – Effective January 1, 2003, this bill converts State miscellaneous service earned while a student at the California Highway Patrol's training school to patrol service once the CHP trainee becomes an officer. Service will be converted if the member does not elect, upon notification, to keep service as miscellaneous service.

SB 183 – Provides a 3% at age 50 benefit formula for peace officer/firefighter members employed in Bargaining Unit 7 and related positions on or after January 1, 2004, and makes those members subject to an 8% contribution rate. This legislation also reclassifies certain state miscellaneous members in Bargaining Unit 7 as state safety members effective July 1, 2004, subject to approval by the Department of Personnel Administration.

SB 65 – Provides a 3% at age 50 benefit formula for peace officer/firefighter members employed in Bargaining Unit 6 and related positions on or after January 1, 2006.

The investment results of CalPERS in the 2002/2003 fiscal year reflected the generally poor investment climate that prevailed during the year. The final rate of return for the fiscal year is estimated to be a positive return, but below the assumed annual rate of 8.25%. Therefore, this will cause an experience loss that will be reflected in next year's valuation.

We are not aware of any other events that have occurred between the effective date of the valuation and the date this report was prepared that would have a material impact on the results of the valuation.

Summary of Liabilities and Rates

- **COMPARISON OF CURRENT AND PRIOR YEAR**
- **DEVELOPMENT OF ACCRUED AND UNFUNDED LIABILITIES**
- **DEVELOPMENT OF EMPLOYER CONTRIBUTION RATES**
- **SCHEDULE OF AMORTIZATION BASES FOR THE RETIREMENT PROGRAM**
- **GAIN/LOSS ANALYSIS**
- **RECONCILIATION OF EMPLOYER CONTRIBUTION RATES**
- **RECONCILIATION OF EMPLOYER CONTRIBUTIONS**
- **EMPLOYER CONTRIBUTION RATE HISTORY**
- **HISTORY OF FUNDED STATUS AND FUNDING PROGRESS**

Comparison of Current and Prior Year

Shown below are the key valuation results for the current valuation with the corresponding results from the prior valuation for comparison.

State Miscellaneous		
	June 30, 2001	June 30, 2002
Members Included in the Valuation*		
Active Members Tier 1	145,727	158,244
Active Members Tier 2	25,097	18,222
Subtotal Active Members	170,824	176,466
Transfers from Tier 1	21,944	21,950
Transfers from Tier 2	23,218	21,126
Subtotal Transfers	45,162	43,076
Vested Terminations Tier 1**	22,382	25,916
Vested Terminations Tier 2**	1,900	1,466
Subtotal Vested Terminations	24,282	27,382
Receiving Payments Tier 1	121,634	121,736
Receiving Payments Tier 2	3,489	3,562
Subtotal Receiving Payments	125,123	125,298
Subtotal Tier 1	311,687	327,846
Subtotal Tier 2	53,704	44,376
Grand Total	365,391	372,222
Covered Payroll Prior Fiscal Year		
Tier 1	\$ 7,172,915,643	\$ 7,828,241,091
Tier 2	1,017,186,190	754,422,340
Total	\$ 8,190,101,833	\$ 8,582,663,431
Average Pay Tier 1	\$ 49,222	\$ 49,469
Average Pay Tier 2	40,530	41,402
Average Pay Total	\$ 47,945	\$ 48,636

* Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one coverage group. This does not result in double counting of liabilities.

** Includes non-vested terminated participants with employee contributions remaining in the plan.

State Miscellaneous (Continued)

	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Average Age of Active Members Tier 1	45.9	45.8
Average Age of Active Members Tier 2	41.8	42.7
Average Entry Age of Active Members Tier 1	33.7	33.8
Average Entry Age of Active Members Tier 2	32.9	32.9
Projected Payroll for Contribution Rate		
Tier 1	\$ 7,818,932,616	\$ 8,499,023,223
Tier 2	<u>996,944,185</u>	<u>739,409,335</u>
Total	\$ 8,815,876,801	\$ 9,238,432,558
Group Term Life Insurance		
Actuarial Value of Assets*	\$ (3,178,959)	\$ (4,126,529)

State Miscellaneous (Continued)

	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Retirement Program		
Present Value of Projected Benefits		
Actives and Inactives	\$ 34,319,105,528	\$ 36,224,042,407
Retirees	<u>21,696,571,931</u>	<u>23,421,895,482</u>
Total	\$ 56,015,677,459	\$ 59,645,937,889
Entry Age Normal Accrued Liability		
Actives and Inactives	\$ 23,564,923,020	\$ 24,696,314,625
Retirees	<u>21,696,571,931</u>	<u>23,421,895,482</u>
Total	\$ 45,261,494,951	\$ 48,118,210,107
Actuarial Value of Assets		
Employer Reserves	\$ 42,791,326,517	\$ 38,738,408,455
Accumulated Employee Accounts	<u>4,466,774,999</u>	<u>4,744,678,652</u>
Total	\$ 47,258,101,516	\$ 43,483,087,107
Unfunded/(Overfunded) Liability	(1,996,606,565)	4,635,123,000

* The 2001 value, which was erroneously reported last year, has been corrected.

State Miscellaneous (Continued)

	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Tier 1 Contribution Required in Dollars		
Normal Costs	\$ 831,308,916	\$ 900,216,540
Amortization of Unfunded Liability	(256,334,682)	355,621,635
Group Term Life Benefits	4,616,322	5,690,101
Adjustments	<u>0</u>	<u>0</u>
Total	\$ 579,590,556	\$ 1,261,528,275
Tier 1 Contribution Required (Percent of Payroll)		
Normal Costs	10.632%	10.592%
Amortization of Unfunded Liability	-3.278%	4.184%
Group Term Life Benefits	0.059%	0.067%
Adjustments	<u>0.000%</u>	<u>0.000%</u>
Total	7.413%	14.843%
Tier 2 Contribution Required in Dollars		
Normal Costs	\$ 60,135,673	\$ 44,468,077
Amortization of Unfunded Liability	(32,683,664)	30,938,844
Group Term Life Benefits	588,599	495,035
Adjustments	<u>0</u>	<u>0</u>
Total	\$ 28,040,608	\$ 75,901,957
Tier 2 Contribution Required (Percent of Payroll)		
Normal Costs	6.032%	6.014%
Amortization of Unfunded Liability	-3.278%	4.184%
Group Term Life Benefits	0.059%	0.067%
Adjustments	<u>0.000%</u>	<u>0.000%</u>
Total	2.813%	10.265%

State Industrial		
	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Members Included in the Valuation *		
Active Members	9,374	9,105
Transfers from Industrial	7,186	7,541
Vested Terminations**	1,958	2,116
Receiving Payments	4,893	5,255
Total	23,411	24,017
Covered Payroll Prior Fiscal Year	\$ 362,476,031	\$ 362,057,407
Average Pay	\$ 38,668	\$ 39,765
Average Age of Active Members	43.7	44.1
Average Entry Age of Active Members	36.4	36.3
Projected Payroll for Contribution Rate	\$ 390,171,465	\$ 389,720,855
Group Term Life Insurance		
Actuarial Value of Assets***	\$ (130,119)	\$ (20,251)
Retirement Program		
Present Value of Projected Benefits		
Actives and Inactives	\$ 1,112,170,527	\$ 1,165,128,286
Retirees	491,189,887	545,015,827
Total	\$ 1,603,360,414	\$ 1,710,144,113
Accrued Liability		
Actives and Inactives	\$ 704,878,390	\$ 749,610,523
Retirees	491,189,887	545,015,827
Total	\$ 1,196,068,277	\$ 1,294,626,350
Actuarial Value of Assets		
Employer Reserves	\$ 1,292,657,213	\$ 1,177,733,348
Accumulated Employee Accounts	133,484,005	141,948,619
Total	\$ 1,426,141,218	\$ 1,319,681,967
Unfunded/(Overfunded) Liability	\$ (230,072,941)	\$ (25,055,617)
Contribution Required in Dollars		
Employer Normal Costs	\$ 41,775,659	\$ 42,783,555
Amortization of Unfunded Liability	(30,918,992)	294,568
Group Term Life Benefits	292,890	176,535
Total	\$ 11,149,556	\$ 43,254,658
Contribution Required (Percent of Payroll)		
Employer Normal Costs	10.707%	10.978%
Amortization of Unfunded Liability	-7.924%	0.076%
Group Term Life Benefits	0.075%	0.045%
Total	2.858%	11.099%

* Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one coverage group. This does not result in double counting of liabilities.

** Includes non-vested terminated participants with employee contributions remaining in the plan.

*** The 2001 value, which was erroneously reported last year, has been corrected.

State Safety		
	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Members Included in the Valuation*		
Active Members	15,262	15,436
Transfers from State Safety	6,809	6,413
Vested Terminations**	1,889	2,130
Receiving Payments	<u>9,518</u>	<u>10,196</u>
Total	33,478	34,175
Covered Payroll Prior Fiscal Year	\$ 789,661,113	\$ 813,662,327
Average Pay	\$ 51,740	\$ 52,712
Average Age of Active Members	47.5	47.8
Average Entry Age of Active Members	40.2	41.0
Projected Payroll for Contribution Rate	\$ 849,996,158	\$ 875,831,214
Group Term Life Insurance		
Actuarial Value of Assets***	\$ (510,374)	\$ (512,687)
Retirement Program		
Present Value of Projected Benefits		
Actives and Inactives	\$ 2,736,910,754	\$ 2,951,169,767
Retirees	<u>855,139,068</u>	<u>1,046,948,634</u>
Total	\$ 3,592,049,822	\$ 3,998,118,401
Accrued Liability		
Actives and Inactives	\$ 1,324,291,092	\$ 1,429,519,137
Retirees	<u>855,139,068</u>	<u>1,046,948,634</u>
Total	\$ 2,179,430,160	\$ 2,476,467,771
Actuarial Value of Assets		
Employer Reserves	\$ 1,808,178,099	\$ 1,740,645,206
Accumulated Employee Accounts	<u>344,172,623</u>	<u>377,850,131</u>
Total	\$ 2,152,350,722	\$ 2,118,495,337
Unfunded/(Overfunded) Liability	\$ 27,079,438	\$ 357,972,434
Contribution Required in Dollars		
Employer Normal Costs	\$ 139,322,870	\$ 154,733,101
Amortization of Unfunded Liability	4,491,793	36,164,927
Group Term Life Benefits	<u>1,154,113</u>	<u>1,173,230</u>
Total	\$ 144,968,776	\$ 192,071,258
Contribution Required (Percent of Payroll)		
Employer Normal Costs	16.391%	17.667%
Amortization of Unfunded Liability	0.528%	4.129%
Group Term Life Benefits	<u>0.136%</u>	<u>0.134%</u>
Total	17.055%	21.930%

* Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one coverage group. This does not result in double counting of liabilities.

** Includes non-vested terminated participants with employee contributions remaining in the plan.

*** The 2001 value, which was erroneously reported last year, has been corrected.

State Peace Officers and Firefighters

	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Members Included in the Valuation*		
Active Members	40,598	40,560
Transfers from State POFF**	16,768	3,317
Vested Terminations***	5,155	4,080
Receiving Payments	<u>11,199</u>	<u>12,418</u>
Total	73,720	60,375
Covered Payroll Prior Fiscal Year	\$ 2,140,068,445	\$ 2,236,117,746
Average Pay	\$ 52,714	\$ 55,131
Average Age of Active Members	40.4	40.7
Average Entry Age of Active Members	29.9	30.4
Projected Payroll for Contribution Rate	\$ 2,303,583,049	\$ 2,406,971,117
Group Term Life Insurance		
Actuarial Value of Assets****	\$ (374,082)	\$ (772,130)
Retirement Program		
Present Value of Projected Benefits		
Actives and Inactives	\$ 12,322,512,372	\$ 12,714,562,126
Retirees	<u>4,687,686,506</u>	<u>5,442,164,164</u>
Total	\$ 17,010,198,878	\$ 18,156,726,290
Accrued Liability		
Actives and Inactives	\$ 7,261,356,301	\$ 7,384,415,953
Retirees	<u>4,687,686,506</u>	<u>5,442,164,164</u>
Total	\$ 11,949,042,807	\$ 12,826,580,117
Actuarial Value of Assets		
Employer Reserves	\$ 10,611,753,338	\$ 9,874,109,277
Accumulated Employee Accounts	<u>1,831,969,996</u>	<u>1,930,131,542</u>
Total	\$ 12,443,723,334	\$ 11,804,240,819
Unfunded/(Overfunded) Liability	\$ (494,680,527)	\$ 1,022,339,298
Contribution Required in Dollars		
Employer Normal Costs	\$ 392,830,017	\$ 416,044,958
Amortization of Unfunded Liability	(73,360,349)	71,411,786
Group Term Life Benefits	<u>1,323,928</u>	<u>1,756,297</u>
Total	\$ 320,793,596	\$ 489,213,040
Contribution Required (Percent of Payroll)		
Employer Normal Costs	17.053%	17.285%
Amortization of Unfunded Liability	-3.185%	2.967%
Group Term Life Benefits	<u>0.057%</u>	<u>0.073%</u>
Total	13.925%	20.325%

* Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one coverage group. This does not result in double counting of liabilities.

** See page 7

*** Includes non-vested terminated participants with employee contributions remaining in the plan.

**** The 2001 value, which was erroneously reported last year, has been corrected.

California Highway Patrol

	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Members Included in the Valuation*		
Active Members	6,677	6,830
Transfers from CHP	395	336
Vested Terminations**	206	236
Receiving Payments	<u>5,972</u>	<u>6,219</u>
Total	13,250	13,621
Covered Payroll Prior Fiscal Year	\$ 422,786,249	\$ 428,324,725
Average Pay	\$ 63,320	\$ 62,712
Average Age of Active Members	39.3	38.7
Average Entry Age of Active Members	25.6	26.6
Projected Payroll for Contribution Rate	\$ 455,089,761	\$ 461,051,411
Group Term Life Insurance		
Actuarial Value of Assets***	\$ 184,085	\$ 120,843
Retirement Program		
Present Value of Projected Benefits		
Actives and Inactives	\$ 2,736,995,496	\$ 2,729,726,745
Retirees	<u>2,158,418,795</u>	<u>2,409,473,159</u>
Total	\$ 4,895,414,291	\$ 5,139,199,904
Accrued Liability		
Actives and Inactives	\$ 1,822,454,107	\$ 1,728,461,944
Retirees	<u>2,158,418,795</u>	<u>2,409,473,159</u>
Total	\$ 3,980,872,902	\$ 4,137,935,103
Actuarial Value of Assets		
Employer Reserves	\$ 3,294,474,473	\$ 3,068,594,225
Accumulated Employee Accounts	<u>400,921,889</u>	<u>406,635,734</u>
Total	\$ 3,695,396,362	\$ 3,475,229,959
Unfunded/(Overfunded) Liability	\$ 285,476,540	\$ 662,705,144
New 'Surplus' at Valuation Date (Market Value)	0	0
Contribution Required in Dollars		
Employer Normal Costs	73,324,062	78,918,170
Amortization of Unfunded Liability	31,692,567	71,631,123
Group Term Life Benefits	<u>\$ 0</u>	<u>\$ 0</u>
Total	\$ 105,016,630	\$ 150,549,293
Contribution Required (Percent of Payroll)		
Employer Normal Costs	16.112%	17.117%
Amortization of Unfunded Liability	6.964%	15.536%
Group Term Life Benefits	<u>0.000%</u>	<u>0.000%</u>
Total	23.076%	32.653%

* Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one coverage group. This does not result in double counting of liabilities.

**Includes non-vested terminated participants with employee contributions remaining in the plan.

*** The 2001 value, which was erroneously reported last year, has been corrected.

Schools		
	<u>June 30, 2001</u>	<u>June 30, 2002</u>
Members Included in the Valuation*		
Active Members	261,722	272,842
Transfers from Schools	13,937	16,506
Vested Terminations**	77,258	90,594
Receiving Payments	<u>135,026</u>	<u>136,411</u>
Total	487,943	516,353
Covered Payroll Prior Fiscal Year	\$ 7,350,595,088	\$ 7,751,945,575
Average Pay	\$ 28,086	\$ 28,412
Average Age of Active Members	45.2	45.3
Average Entry Age of Active Members	36.3	36.5
Projected Payroll for Contribution Rate	\$ 7,912,226,494	\$ 8,344,242,667
Present Value of Projected Benefits		
Actives and Inactives	\$ 27,748,722,076	\$ 30,375,955,458
Retirees	<u>11,082,357,822</u>	<u>12,063,292,621</u>
Total	\$ 38,831,079,898	\$ 42,439,248,079
Accrued Liability		
Actives and Inactives	\$ 16,864,072,554	\$ 19,207,869,756
Retirees	<u>11,082,357,822</u>	<u>12,063,292,621</u>
Total	\$ 27,946,430,376	\$ 31,271,162,377
Actuarial Value of Assets		
Employer Reserves	\$ 26,962,408,750	\$ 24,398,960,894
Accumulated Employee Accounts	<u>5,542,753,185</u>	<u>6,059,924,396</u>
Total	\$ 32,505,161,935	\$ 30,458,885,290
Unfunded/(Overfunded) Liability	\$ (4,558,731,559)	\$ 812,277,087
Contribution Required in Dollars		
Normal Costs	\$ 738,131,610	\$ 784,025,041
Amortization of Unfunded Liability	<u>(509,158,956)</u>	<u>85,476,789</u>
Total	\$ 228,972,653	\$ 869,501,830
Contribution Required (Percent of Payroll)		
Employer Normal Costs	9.329%	9.396%
Amortization of Unfunded Liability	<u>-6.435%</u>	<u>1.024%</u>
Total	2.894%	10.420%

* Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one coverage group. This does not result in double counting of liabilities.

** Includes non-vested terminated participants with employee contributions remaining in the plan.

Development of Accrued and Unfunded Liabilities

	State Miscellaneous	State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol	Total State	Schools
1. Present Value of Benefits							
a. Actives and Inactives	\$ 36,224,042,407	\$ 1,165,128,286	\$ 2,951,169,767	\$ 12,714,562,126	\$ 2,729,726,745	\$ 55,784,629,331	\$ 30,375,955,458
b. Retired	<u>23,421,895,482</u>	<u>545,015,827</u>	<u>1,046,948,634</u>	<u>5,442,164,164</u>	<u>2,409,473,159</u>	<u>32,865,497,266</u>	<u>12,063,292,621</u>
c. Total	\$ 59,645,937,889	\$ 1,710,144,113	\$ 3,998,118,401	\$ 18,156,726,290	\$ 5,139,199,904	\$ 88,650,126,597	\$ 42,439,248,079
2. Present Value of Future Employee Contributions	\$ 3,292,591,153	\$ 111,407,335	\$ 374,857,759	\$ 1,531,215,759	\$ 283,404,243	\$ 5,593,476,248	\$ 4,921,327,954
3. Present Value of Future Employer Normal Costs	\$ 8,235,136,629	\$ 304,110,428	\$ 1,146,792,871	\$ 3,798,930,414	\$ 717,860,558	\$ 14,202,830,901	\$ 6,246,757,748
4. Entry Age Normal Accrued Liability [(1c) - (2) - (3)]	\$ 48,118,210,107	\$ 1,294,626,350	\$ 2,476,467,771	\$ 12,826,580,117	\$ 4,137,935,103	\$ 68,853,819,448	\$ 31,271,162,377
5. Actuarial Value of Assets							
a. Employer Reserves	\$ 38,738,408,455	\$ 1,177,733,348	\$ 1,740,645,206	\$ 9,874,109,277	\$ 3,068,594,225	\$ 54,599,490,511	\$ 24,398,960,894
b. Active Employee Accounts	<u>4,744,678,652</u>	<u>141,948,619</u>	<u>377,850,131</u>	<u>1,930,131,542</u>	<u>406,635,734</u>	<u>7,601,244,678</u>	<u>6,059,924,396</u>
c. Total	\$ 43,483,087,107	\$ 1,319,681,967	\$ 2,118,495,337	\$ 11,804,240,819	\$ 3,475,229,959	\$ 62,200,735,189	\$ 30,458,885,290
6. Unfunded Entry Age Normal Accrued Liability [(4) - (5c)]	\$ 4,635,123,000	\$ (25,055,617)	\$ 357,972,434	\$ 1,022,339,298	\$ 662,705,144	\$ 6,653,084,259	\$ 812,277,087
7. Funded Ratio	90.4%	101.9%	85.5%	92.0%	84.0%	90.3%	97.4%

Development of Employer Contribution Rates

	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol	Schools
	Tier 1	Tier 2					
Employer Contribution Amount							
Normal Cost (Retirement Program)	\$ 900,216,540	\$ 44,468,077	\$ 42,783,555	\$ 154,733,101	\$ 416,044,958	\$ 78,918,170	\$ 784,025,041
Payment on the Unfunded Liability (Retirement Program)	355,621,635	30,938,844	294,568	36,164,927	71,411,786	71,631,123	85,476,789
Payment for Term Life Benefits (Sec. 21600-21605)	5,690,101	495,035	176,535	1,173,230	1,756,297	0	N/A
Total Employer Contribution Amount	\$ 1,261,528,275	\$ 75,901,957	\$ 43,254,658	\$ 192,071,258	\$ 489,213,040	\$ 150,549,293	\$ 869,501,830
Projected Payroll	\$ 8,499,023,223	\$ 739,409,335	\$ 389,720,855	\$ 875,831,214	\$ 2,406,971,117	\$ 461,051,411	\$ 8,344,242,667
Employer Contribution (as a percent of payroll)							
Normal Cost (Retirement Program)	10.592%	6.014%	10.978%	17.667%	17.285%	17.117%	9.396%
Payment on the Unfunded Liability	4.184%	4.184%	0.076%	4.129%	2.967%	15.536%	1.024%
Payment for Term Life Benefits (Sec. 21600-21605)	0.067%	0.067%	0.045%	0.134%	0.073%	0.000%	N/A
Total Employer Contribution Rate	14.843%	10.265%	11.099%	21.930%	20.325%	32.653%	10.420%

Schedule of Amortization Bases for the Retirement Program

The schedule below shows the development of the payment on the amortization bases used to determine the employer contribution rates as shown on page 20. Each row of the schedule gives a brief description of a base (or portion of the Unfunded Actuarial Liability), the date the base was established, the balance of the base on the valuation date, and the number of years remaining in the amortization period. In addition, we show the expected payment for the year immediately following the valuation date, the balance on the date a year after the valuation date, and the scheduled payment for fiscal year 2001-2003. Please refer to Appendix A for an explanation of how amortization periods are determined.

State Miscellaneous

Reason for Base	Date Established	Balance on 6/30/02	Remaining Amortization Period	Expected Payment on UAL 02-03	Amount Remaining on 6/30/03	Scheduled Payment for Fiscal Year 2003-2004
(Gain)/Loss	6/30/01	\$ 8,430,467,499	N/A	\$ 229,303,241	\$ 8,887,406,500	\$ 924,674,747
Payment (Gain)/Loss	6/30/01	\$ 45,389,181	N/A	\$ 5,248,330	\$ 43,673,255	\$ 4,543,908
Fresh Start	6/30/00	\$ (3,840,733,680)	8	\$ (523,044,025)	\$ (3,613,402,152)	\$ (542,658,176)
Total		\$ 4,635,123,000		\$ (288,492,454)	\$ 5,317,677,602	\$ 386,560,479

State Industrial

Reason for Base	Date Established	Balance on 6/30/02	Remaining Amortization Period	Expected Payment on UAL 02-03	Amount Remaining on 6/30/03	Scheduled Payment for Fiscal Year 2003-2004
Fresh Start	6/30/02	\$ (25,055,617)	30	\$ (30,783,252)	\$ 4,905,194	\$ 294,568
Total		\$ (25,055,617)		\$ (30,783,252)	\$ 4,905,194	\$ 294,568

State Safety

Reason for Base	Date Established	Balance on 6/30/02	Remaining Amortization Period	Expected Payment on UAL 02-03	Amount Remaining on 6/30/03	Scheduled Payment for Fiscal Year 2003-2004
(Gain)/Loss	6/30/02	\$ 199,807,930	N/A	\$ -	\$ 216,292,085	\$ 22,503,734
Payment (Gain)/Loss	6/30/02	\$ -	N/A	\$ (2,457,332)	\$ 2,556,688	\$ 266,006
Benefit Change	6/30/02	\$ 98,735,764	20	\$ (8,348,887)	\$ 115,567,919	\$ 8,734,952
Fresh Start	6/30/01	\$ 59,428,739	19	\$ 4,491,793	\$ 59,658,203	\$ 4,660,235
Total		\$ 357,972,434		\$ (6,314,426)	\$ 394,074,895	\$ 36,164,927

State Peace Officers and Firefighters

Reason for Base	Date Established	Balance on 6/30/02	Remaining Amortization Period	Expected Payment on UAL 02-03	Amount Remaining on 6/30/03	Scheduled Payment for Fiscal Year 2003-2004
Fresh Start	6/30/02	\$ 1,022,339,298	30	\$ (79,273,449)	\$ 1,189,160,971	\$ 71,411,786
Total		\$ 1,022,339,298		\$ (79,273,449)	\$ 1,189,160,971	\$ 71,411,786

California Highway Patrol

Reason for Base	Date Established	Balance on 6/30/02	Remaining Amortization Period	Expected Payment on UAL 02-03	Amount Remaining on 6/30/03	Scheduled Payment for Fiscal Year 2003-2004
Payment (Gain)/Loss	6/30/02	\$ -	N/A	\$ (4,678,287)	\$ 4,867,443	\$ 506,425
Benefit Change	6/30/02	\$ 1,471,114	20	\$ (533,264)	\$ 2,147,306	\$ 162,300
(Gain)/Loss	6/30/01	\$ 658,176,805	N/A	\$ 31,461,493	\$ 679,742,828	\$ 70,722,660
Benefit Change	6/30/01	\$ 3,057,225	19	\$ 231,074	\$ 3,069,029	\$ 239,739
Total		\$ 662,705,144		\$ 26,481,015	\$ 689,826,606	\$ 71,631,123

Schools

Reason for Base	Date Established	Balance on 6/30/02	Remaining Amortization Period	Expected Payment on UAL 02-03	Amount Remaining on 6/30/03	Scheduled Payment for Fiscal Year 2003-2004
Fresh Start	6/30/02	\$ 812,277,087	30	\$ (522,939,982)	\$ 1,423,373,753	\$ 85,476,789
Total		\$ 812,277,087		\$ (522,939,982)	\$ 1,423,373,753	\$ 85,476,789

Gain and Loss Analysis

	State Miscellaneous	State Industrial	State Safety
A. Total (Gain)/Loss for the Year			
1. Unfunded Liability/(Excess Assets) as of 6/30/01	\$ (1,996,606,565)	\$ (230,072,941)	\$ 27,079,438
2. Expected Payment on the Unfunded Liability during 2001-02	(547,756,970)	(39,205,181)	(28,944,929)
3. Interest through 6/30/02 $[0.0825 \times (A1) - ((1 + 0.0825)^{\frac{1}{2}} - 1) \times (A2)]$	(142,572,802)	(17,395,850)	3,404,372
4. Expected Unfunded Liability as of 6/30/02 before all other changes $[(A1) - (A2) + (A3)]$	\$ (1,591,422,397)	\$ (208,263,610)	\$ 59,428,739
5. Change in Unfunded Liability as of 6/30/02 due to new benefits	\$ 0	\$ 7,706,019	\$ 98,735,764
6. Change in Unfunded Liability as of 6/30/02 due to changes in actuarial methods or assumptions	0	0	0
7. Expected Unfunded Liability as of 6/30/02 after all other changes $[(A4) + (A5) + (A6)]$	\$ (1,591,422,397)	\$ (200,557,591)	\$ 158,164,503
8. Actual Unfunded Liability as of 6/30/02 (Prior to Transfer of Assets to Surplus)	4,635,123,000	(25,055,617)	357,972,434
9. Total (Gain)/Loss for the 2001-02 $[(A8) - (A7)]$	\$ 6,226,545,397	\$ 175,501,974	\$ 199,807,930
B. Contribution (Gain)/Loss for the Year			
1. Expected Contribution for 2001-02	\$ 637,298,864	\$ 12,555,365	\$ 152,355,881
2. Actual Contribution for 2001-02	652,665,232	13,103,580	144,440,198
3. Contribution (Gain)/Loss for 2001-02 $[(B1) - (B2)]$	(15,366,368)	(548,215)	7,915,683
C. Asset (Gain)/Loss for the Year			
1. Actuarial Value of Assets as of 6/30/01	\$ 47,258,101,516	\$ 1,426,141,218	\$ 2,152,350,722
2. Contributions Received during 2001-02	652,665,232	13,103,580	144,440,198
3. Benefits and Refunds Paid during 2001-02	(2,205,426,920)	(50,508,739)	(80,048,889)
4. Expected Interest for 2001-02 $[0.0825 \times (C1) + ((1+0.0825)^{\frac{1}{2}} - 1) \times ((C2) + (C3))]$	3,836,011,179	116,144,263	180,172,443
5. Expected Assets as of 6/30/02 $[(C1) + (C2) + (C3) + (C4)]$	\$ 49,541,351,007	\$ 1,504,880,322	\$ 2,396,914,474
6. Actual Actuarial Value of Assets as of 6/30/02 (prior to transfer to surplus)	43,483,087,107	1,319,681,967	2,118,495,337
7. Asset (Gain)/Loss for 2001-02 $[(C5)-(C6)]$	\$ 6,058,263,900	\$ 185,198,355	\$ 278,419,137
D. Liability Gain/(Loss) for the Year			
1. Total (Gain)/Loss for 2001-02 (A9)	\$ 6,226,545,397	\$ 175,501,974	\$ 199,807,930
2. Contribution (Gain)/Loss for 2001-02 (B3)	(15,366,368)	(548,215)	7,915,683
3. Asset (Gain)/Loss for 2001-02 (C7)	6,058,263,900	185,198,355	278,419,137
4. Liability (Gain)/Loss for 2001-02 $[(D1) - (D2) - (D3)]$	\$ 183,647,865	\$ (9,148,166)	\$ (86,526,889)
E. Development of the (Gain)/Loss Balance as of 6/30/02			
1. (Gain)/Loss Balance as of 6/30/01	\$ 2,035,955,752	N/A*	0
2. Payment Made on the Balance during 2001-2002	0	N/A	0
3. Interest through 6/30/02 $[.0825 \times (1) - ((1.0825)^{\frac{1}{2}} - 1) \times (2)]$	167,966,350	N/A	0
4. Scheduled (Gain)/Loss Balance as of 6/30/02 $[(1) - (2) + (3)]$	\$ 2,203,922,102	N/A	0
5. (Gain)/Loss for Fiscal Year ending 6/30/02 $[(A9) \text{ above}]$	6,226,545,397	N/A	199,807,930
6. Final (Gain)/Loss Balance as of 6/30/02 $[(4) + (5)]$	\$ 8,430,467,499	N/A	199,807,930

* Gain/Loss Balances were eliminated due to fresh starts.

		State Peace Officers and Firefighters	California Highway Patrol	Schools
A. Total (Gain)/Loss for the Year				
1. Unfunded Liability/(Excess Assets) as of 6/30/01	\$ \$	(494,680,527)	\$ 285,476,540	\$ (4,558,731,559)
2. Expected Payment on the Unfunded Liability during 2001-02		(165,080,867)	3,443,330	(711,452,154)
3. Interest through 6/30/02 $[0.0825 \times (A1) - ((1 + 0.0825)^{\frac{1}{2}} - 1) \times (A2)]$		(34,136,494)	23,412,592	(347,329,492)
4. Expected Unfunded Liability as of 6/30/02 before all other changes $[(A1) - (A2) + (A3)]$	\$ \$	(363,736,154)	\$ 305,445,802	\$ (4,194,608,897)
5. Change in Unfunded Liability as of 6/30/02 due to new benefits	\$ \$	228,823,640	\$ 1,471,114	\$ 0
6. Change in Unfunded Liability as of 6/30/02 due to changes in actuarial methods or assumptions		0	0	0
7. Expected Unfunded Liability as of 6/30/02 after all other changes $[(A4) + (A5) + (A6)]$	\$ \$	(134,912,514)	\$ 306,916,916	\$ (4,194,608,897)
8. Actual Unfunded Liability as of 6/30/02 (Prior to Transfer of Assets to Surplus)		1,022,339,298	662,705,144	812,277,087
9. Total (Gain)/Loss for the 2001-02 $[(A8) - (A7)]$	\$ \$	1,157,251,812	\$ 355,788,227	\$ 5,006,885,984
B. Contribution (Gain)/Loss for the Year				
1. Expected Contribution for 2001-02	\$ \$	364,335,097	\$ 103,361,303	\$ 503,866,887
2. Actual Contribution for 2001-02		337,744,760	104,856,279	571,062,001
3. Contribution (Gain)/Loss for 2001-02 $[(B1) - (B2)]$		26,590,337	(1,494,976)	(67,195,114)
C. Asset (Gain)/Loss for the Year				
1. Actuarial Value of Assets as of 6/30/01	\$ \$	12,443,723,334	\$ 3,695,396,362	\$ 32,505,161,935
2. Contributions Received during 2001-02		337,744,760	104,856,279	571,062,001
3. Benefits and Refunds Paid during 2001-02		(417,794,649)	(175,173,578)	(1,236,675,161)
4. Expected Interest for 2001-02 $[0.0825 \times (C1) + ((1+0.0825)^{\frac{1}{2}} - 1) \times ((C2) + (C3))]$		1,023,370,550	302,027,088	2,654,763,387
5. Expected Assets as of 6/30/02 $[(C1) + (C2) + (C3) + (C4)]$	\$ \$	13,387,043,994	\$ 3,927,106,151	\$ 34,494,312,163
6. Actual Actuarial Value of Assets as of 6/30/02 (prior to transfer to surplus)		11,804,240,819	3,475,229,959	30,458,885,290
7. Asset (Gain)/Loss for 2001-02 $[(C5)-(C6)]$	\$ \$	1,582,803,175	\$ 451,876,192	\$ 4,035,426,873
D. Liability Gain/(Loss) for the Year				
1. Total (Gain)/Loss for 2001-02 (A9)	\$ \$	1,157,251,812	\$ 355,788,227	\$ 5,006,885,984
2. Contribution (Gain)/Loss for 2001-02 (B3)		26,590,337	(1,494,976)	(67,195,114)
3. Asset (Gain)/Loss for 2001-02 (C7)		1,582,803,175	451,876,192	4,035,426,873
4. Liability (Gain)/Loss for 2001-02 $[(D1) - (D2) - (D3)]$	\$ \$	(452,141,700)	\$ (94,592,988)	\$ 1,038,654,225
E. Development of the (Gain)/Loss Balance as of 6/30/02				
1. (Gain)/Loss Balance as of 6/30/01	\$	N/A*	\$ 282,652,314	N/A*
2. Payment Made on the Balance during 2001-2002		N/A	3,443,330	N/A
3. Interest through 6/30/02 $[.0825 \times (1) - ((1.0825)^{\frac{1}{2}} - 1) \times (2)]$		N/A	23,179,593	N/A
4. Scheduled (Gain)/Loss Balance as of 6/30/02 $[(1) - (2) + (3)]$	\$	N/A	\$ 302,388,577	N/A
5. (Gain)/Loss for Fiscal Year ending 6/30/02 $[(A9) \text{ above}]$		N/A	355,788,227	N/A
6. Final (Gain)/Loss Balance as of 6/30/02 $[(4) + (5)]$	\$	N/A	\$ 658,176,805	N/A

* Gain/Loss Balances were eliminated due to fresh starts.

Reconciliation of Employer Contribution Rates

Change in Normal Cost Rate from 2002-2003 to 2003-2004 for the Retirement Program

	<u>State Miscellaneous</u>		State	State	State Peace	California	Schools
	Tier 1	Tier 2	Industrial	Safety	Officers and	Highway	
					Firefighters	Patrol	
2002-2003 Normal Cost Rate	10.632%	6.032%	10.707%	16.391%	17.053%	16.112%	9.329%
Effect of Changes in Plan Provisions	0.000%	0.000%	0.119%	0.989%	0.283%	0.120%	0.000%
Effect of 30 Year Minimum Amortization Payment	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Effect of (Gain)/Loss	-0.040%	-0.018%	0.152%	0.287%	-0.051%	0.885%	0.067%
2003-2004 Normal Cost Rate	10.592%	6.014%	10.978%	17.667%	17.285%	17.117%	9.396%

Change in Unfunded Liability Amortization Rate from 2002-2003 to 2003-2004 for the Retirement Program

	<u>State Miscellaneous</u>		State	State	State Peace	California	Schools
	Tier 1	Tier 2	Industrial	Safety	Officers and	Highway	
					Firefighters	Patrol	
2002-2003 Rate to Amortize the Unfunded Liability	-3.278%	-3.278%	-7.924%	0.528%	-3.185%	6.964%	-6.435%
Effect of Changes in Plan Provisions	0.000%	0.000%	0.171%	0.997%	0.799%	0.035%	0.000%
Effect of 30 Year Minimum Amortization Payment	0.000%	0.000%	3.215%	0.000%	0.113%	0.000%	0.703%
Effect of (Gain)/Loss	7.462%	7.462%	4.615%	2.604%	5.240%	8.537%	6.757%
2003-2004 Rate to Amortize the Unfunded Liability	4.184%	4.184%	0.076%	4.129%	2.967%	15.536%	1.024%

Reconciliation of Employer Contribution Rates

(Continued)

	<u>State Miscellaneous</u>		<u>State</u>	<u>State</u>	<u>State Peace</u>	<u>California</u>	<u>Schools</u>
	<u>Tier 1</u>	<u>Tier 2</u>	<u>Industrial</u>	<u>Safety</u>	<u>Officers and</u>	<u>Highway</u>	
					<u>Firefighters</u>	<u>Patrol</u>	
2002-2003 Group Term Life Rate	0.059%	0.059%	0.075%	0.136%	0.057%	0.000%	N/A
Effect of (Gain)/Loss	0.008%	0.008%	-0.030%	-0.002%	0.015%	0.000%	N/A
2003-2004 Group Term Life Rate	0.067%	0.067%	0.045%	0.134%	0.073%	0.000%	N/A

	<u>State Miscellaneous</u>		<u>State</u>	<u>State</u>	<u>State Peace</u>	<u>California</u>	<u>Schools</u>
	<u>Tier 1</u>	<u>Tier 2</u>	<u>Industrial</u>	<u>Safety</u>	<u>Officers and</u>	<u>Highway</u>	
					<u>Firefighters</u>	<u>Patrol</u>	
2002-2003 Employer Rates	7.413%	2.813%	2.858%	17.055%	13.925%	23.076%	2.894%
Effect of Changes in Plan Provisions	0.000%	0.000%	0.290%	1.986%	1.082%	0.155%	0.000%
Effect of 30 Year Minimum Amortization Payment	0.000%	0.000%	3.215%	0.000%	0.113%	0.000%	0.703%
Effect of (Gain)/Loss	7.430%	7.452%	4.737%	2.889%	5.205%	9.422%	6.824%
2003-2004 Employer Rates	14.843%	10.265%	11.099%	21.930%	20.325%	32.653%	10.420%

Reconciliation of Employer Contributions

Change in Normal Cost Contribution from 2002-2003 to 2003-2004 for the Retirement Program							
	State Miscellaneous		State	State	State Peace	California	Schools
	Tier 1	Tier 2	Industrial	Safety	Officers and	Highway	
					Firefighters	Patrol	
2002-2003 Normal Cost Contribution	\$831,308,916	\$60,135,673	\$41,775,659	\$139,322,870	\$392,830,017	\$73,324,062	\$738,131,610
Effect of Change in Payroll	72,307,233	(15,534,502)	(48,247)	4,234,624	17,630,767	960,541	40,302,789
Effect of Changes in Plan Provisions	0	0	463,768	8,661,971	6,811,728	553,262	0
Effect of 30 Year Minimum Amortization Payment	0	0	0	0	0	0	0
Effect of (Gain)/Loss	(3,399,609)	(133,094)	592,376	2,513,636	(1,227,555)	4,080,305	5,590,643
2003-2004 Normal Cost Contribution	\$900,216,540	\$44,468,077	\$42,783,555	\$154,733,101	\$416,044,958	\$78,918,170	\$784,025,041

Change in Unfunded Liability Amortization Contribution from 2002-2003 to 2003-2004 for the Retirement Program							
	State Miscellaneous		State	State	State Peace	California	Schools
	Tier 1	Tier 2	Industrial	Safety	Officers and	Highway	
					Firefighters	Patrol	
2001-2002 Amortization of the Unfunded Liability	(\$256,334,682)	(\$32,683,664)	(\$30,918,992)	\$4,491,793	(\$73,360,349)	\$31,692,567	(\$509,158,956)
Effect of Change in Payroll	(22,293,370)	8,441,992	35,706	136,409	(3,292,910)	415,169	(27,800,633)
Effect of Changes in Plan Provisions	0	0	665,646	8,734,952	19,238,295	162,300	0
Effect of 30 Year Minimum Amortization Payment	0	0	12,528,133	0	2,710,749	0	58,636,918
Effect of (Gain)/Loss	634,249,686	55,180,516	17,984,074	22,801,773	126,116,000	39,361,087	563,799,460
2002-2003 Amortization of the Unfunded Liability	\$355,621,635	\$30,938,844	\$294,568	\$36,164,927	\$71,411,786	\$71,631,123	\$85,476,789

Reconciliation of Employer Contributions

Continued

	Change in Group Term Life Contribution from 2002-2003 to 2003-2004						
	State Miscellaneous		State	State	State Peace	California	Schools
	Tier 1	Tier 2	Industrial	Safety	Officers and Firefighters	Highway Patrol	
2002-2003 Group Term Life Contribution	\$4,616,322	\$588,599	\$292,890	\$1,154,113	\$1,323,928	\$0	N/A
Effect of Change in Payroll	401,528	(152,049)	(338)	35,078	59,420	0	N/A
Effect of (Gain)/Loss	672,251	58,485	(116,017)	(15,961)	372,950	0	N/A
2003-2004 Group Term Life Contribution	\$5,690,101	\$495,035	\$176,535	\$1,173,230	\$1,756,297	\$0	N/A

	Change in Total Contribution from 2002-2003 to 2003-2004						
	State Miscellaneous		State	State	State Peace	California	Schools
	Tier 1	Tier 2	Industrial	Safety	Officers and Firefighters	Highway Patrol	
2002-2003 Employer Contribution	\$579,590,556	\$28,040,608	\$11,149,556	\$144,968,776	\$320,793,596	\$105,016,630	\$228,972,653
Effect of Change in Payroll	50,415,391	(7,244,559)	(12,879)	4,406,112	14,397,277	1,375,710	12,502,156
Effect of Changes in Plan Provisions	0	0	1,129,414	17,396,922	26,050,023	715,561	0
Effect of 30 Year Minimum Amortization Payment	0	0	12,528,133	0	2,710,749	0	58,636,918
Effect of (Gain)/Loss	631,522,328	55,105,908	18,460,433	25,299,447	125,261,394	43,441,392	569,390,102
2003-2004 Employer Contribution	\$1,261,528,275	\$75,901,957	\$43,254,658	\$192,071,258	\$489,213,040	\$150,549,293	\$869,501,830

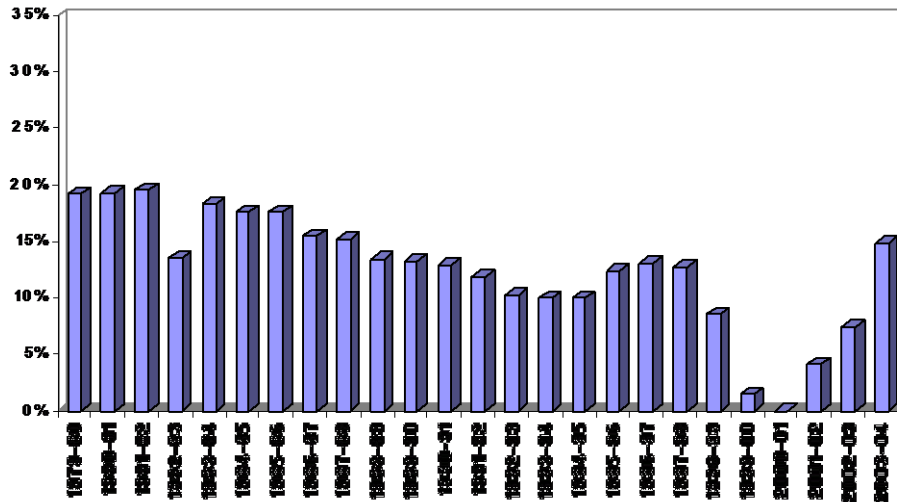
Employer Contribution Rate History

The table below provides a history of the contribution rates for the various State plans and the Schools plan. In cases where the contribution rate changed during the course of a fiscal year, the entry shown is the weighted average of the rates effective during the fiscal year.

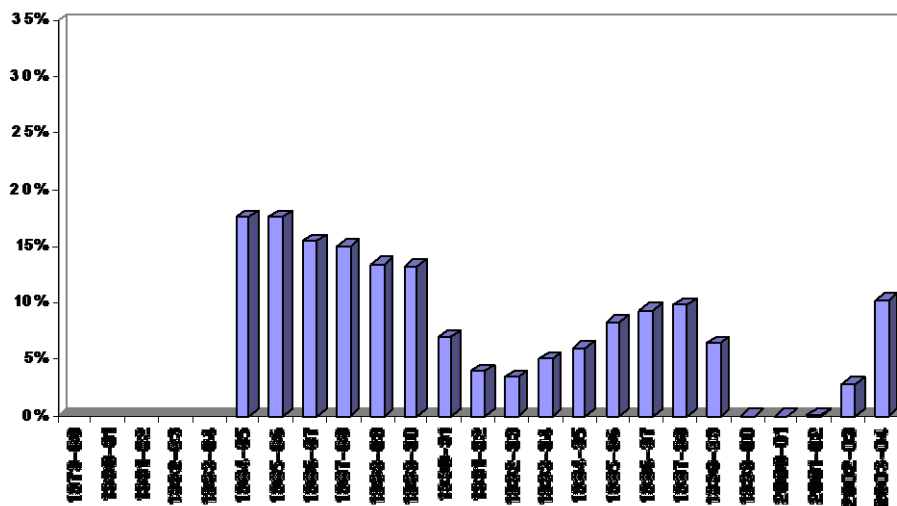
Average Employer Rate for the Fiscal Year

Fiscal Year	State Miscellaneous		State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol	Schools
	Tier 1	Tier 2					
1979-80	19.188%		20.040%	20.106%		31.373%	12.515%
1980-81	19.247%		20.047%	20.145%		31.440%	13.119%
1981-82	19.563%		20.263%	20.409%		31.995%	13.020%
1982-83	13.559%		15.013%	16.381%		19.555%	12.045%
1983-84	18.262%		18.884%	20.615%		24.306%	12.378%
1984-85	17.604%	17.604%	19.976%	20.518%		25.292%	12.378%
1985-86	17.604%	17.604%	19.749%	20.518%	24.310%	24.868%	11.969%
1986-87	15.450%	15.450%	16.638%	22.522%	20.578%	22.150%	11.015%
1987-88	15.202%	15.038%	15.332%	19.229%	17.171%	20.859%	9.718%
1988-89	13.464%	13.413%	16.626%	17.296%	16.431%	18.453%	8.454%
1989-90	13.224%	13.218%	16.783%	17.424%	16.200%	18.318%	8.210%
1990-91	12.878%	6.975%	16.720%	17.916%	15.702%	18.090%	7.282%
1991-92	11.804%	3.986%	13.399%	17.376%	17.386%	21.721%	8.162%
1992-93	10.266%	3.391%	11.995%	15.698%	15.560%	17.074%	7.273%
1993-94	9.939%	5.005%	11.765%	15.485%	15.202%	16.940%	7.066%
1994-95	9.934%	5.947%	10.597%	13.927%	12.817%	15.552%	3.849%
1995-96	12.350%	8.326%	8.981%	14.228%	14.350%	14.778%	6.979%
1996-97	13.106%	9.345%	9.260%	14.656%	15.401%	15.851%	7.787%
1997-98	12.721%	9.822%	9.048%	13.754%	15.270%	15.515%	6.172%
1998-99	8.541%	6.437%	4.583%	9.440%	9.591%	13.541%	0.000%
1999-00	1.491%	0.000%	0.026%	7.487%	0.000%	13.345%	0.000%
2000-01	0.000%	0.000%	0.026%	6.808%	2.729%	13.711%	0.000%
2001-02	4.166%	0.036%	0.350%	12.923%	9.638%	16.897%	0.000%
2002-03	7.413%	2.813%	2.858%	17.055%	13.925%	23.076%	2.894%
2003-04	14.843%	10.265%	11.099%	21.930%	20.325%	32.653%	10.420%

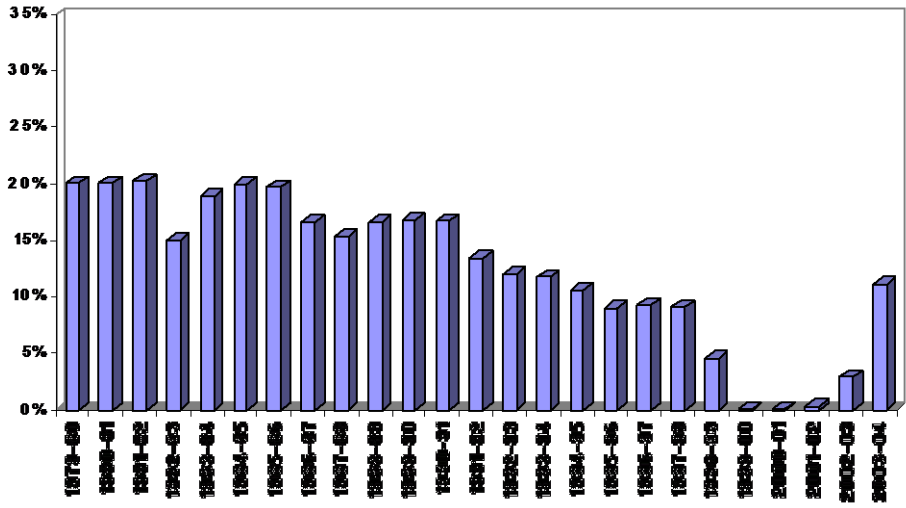
State Miscellaneous Tier 1 Rates



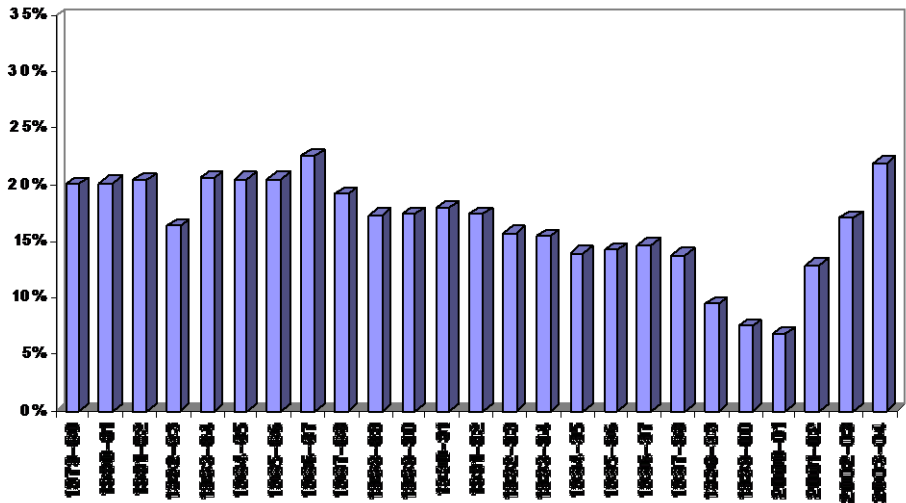
State Miscellaneous Tier 2 Rates



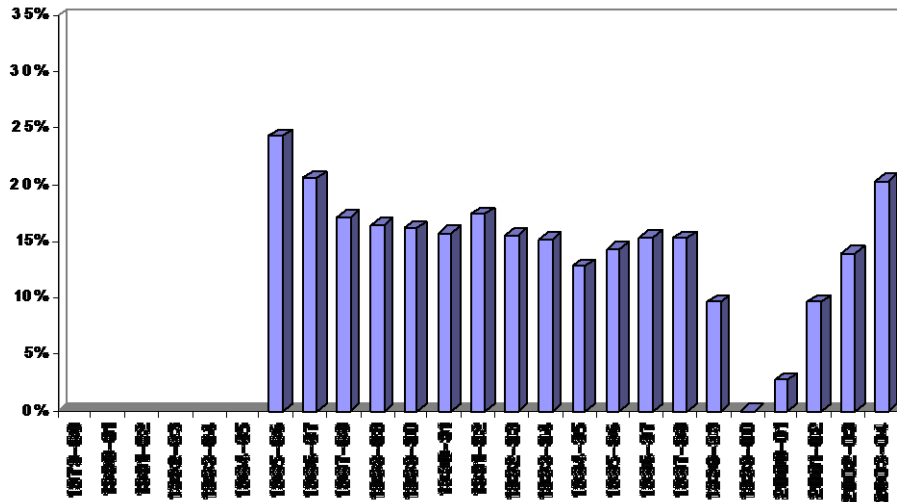
State Industrial Rates



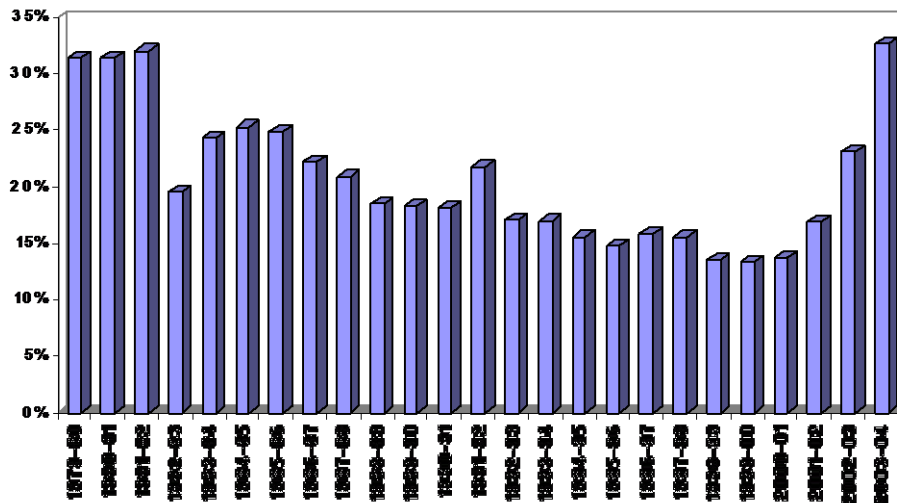
State Safety Rates



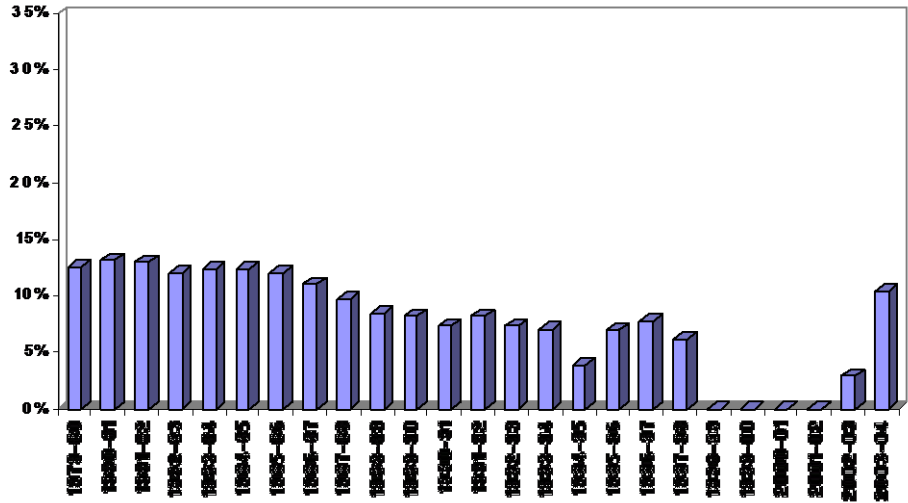
State Peace Officers and Firefighters Rates



California Highway Patrol Rates



Schools Rates

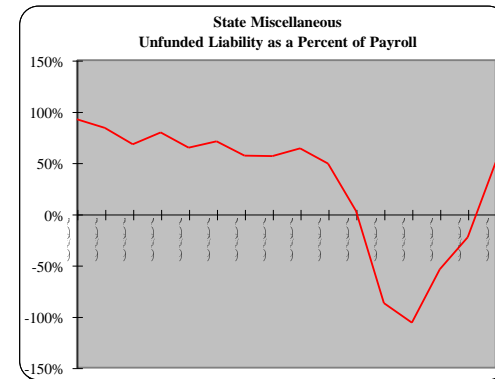
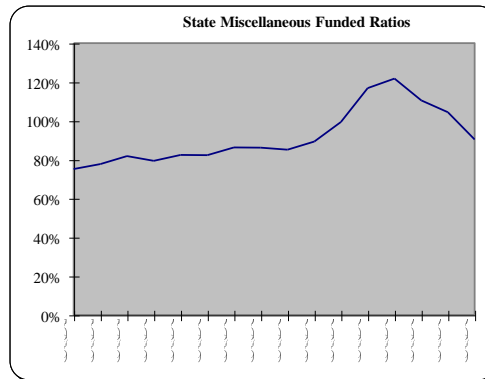
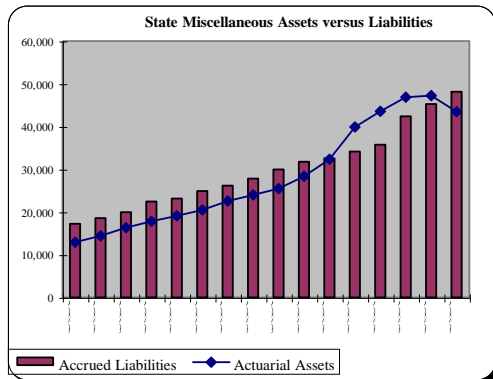


History of Funded Status and Funding Progress

Shown below is the history of funding progress for the plans. One could view the trend in the ratio of the unfunded liability to covered payroll as a measure of the ability of the employer to address the unfunded liability.

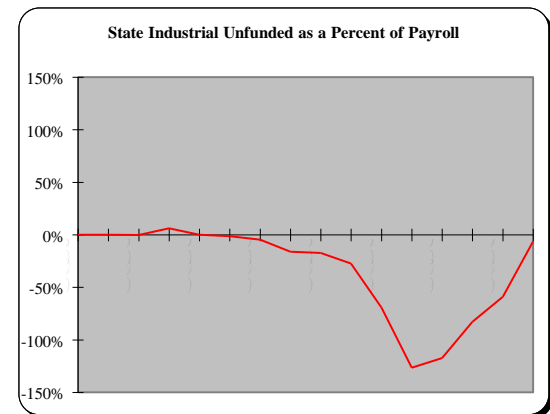
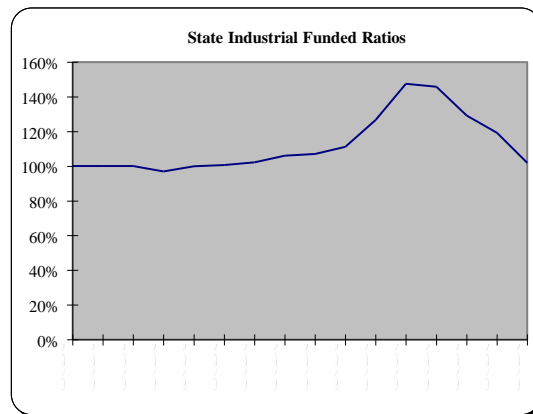
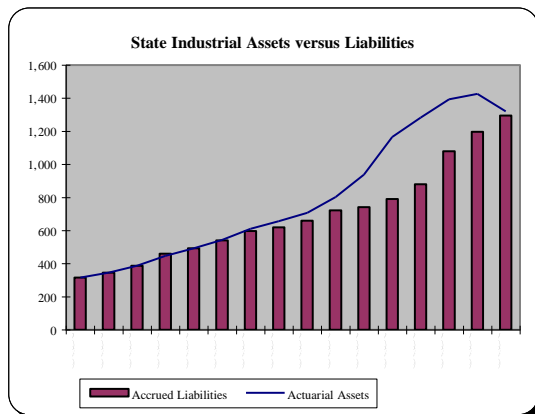
**State Miscellaneous
(Dollars in Millions)**

Valuation Date	Actuarial Accrued Liabilities	Actuarial Assets	Funded Ratio	Unfunded Accrued Liabilities	Annual Covered Payroll	Unfunded As a % of Payroll
6/30/87	\$17,216.59	\$12,941.74	75.2%	\$4,274.85	\$4,632.96	92.3%
6/30/88	18,551.55	14,426.81	77.8%	4,124.74	4,912.26	84.0%
6/30/89	19,971.99	16,335.44	81.8%	3,636.55	5,348.02	68.0%
6/30/90	22,441.71	17,823.12	79.4%	4,618.59	5,815.86	79.4%
6/30/91	23,152.67	19,083.89	82.4%	4,068.78	6,302.82	64.6%
6/30/92	24,887.16	20,466.96	82.2%	4,420.19	6,242.74	70.8%
6/30/93	26,162.26	22,579.68	86.3%	3,582.58	6,310.21	56.8%
6/30/94	27,820.55	23,972.90	86.2%	3,847.66	6,826.52	56.4%
6/30/95	29,959.51	25,482.66	85.1%	4,476.86	7,009.46	63.9%
6/30/96	31,742.11	28,356.56	89.3%	3,385.55	6,881.12	49.2%
6/30/97	32,557.43	32,362.81	99.4%	194.63	6,623.62	2.9%
6/30/98	34,169.38	39,910.54	116.8%	(5,741.16)	6,592.21	-87.1%
6/30/99	35,771.22	43,548.07	121.7%	(7,776.85)	7,332.11	-106.1%
6/30/00	42,386.05	46,841.74	110.5%	(4,455.69)	8,246.46	-54.0%
6/30/01	45,261.49	47,258.10	104.4%	(1,996.61)	8,815.88	-22.6%
6/30/02	48,118.21	43,483.09	90.4%	4,635.12	9,238.43	50.2%



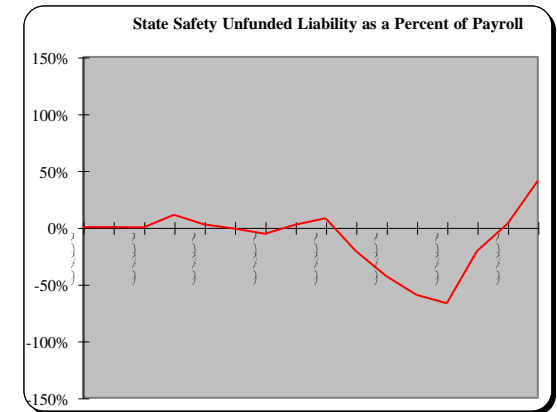
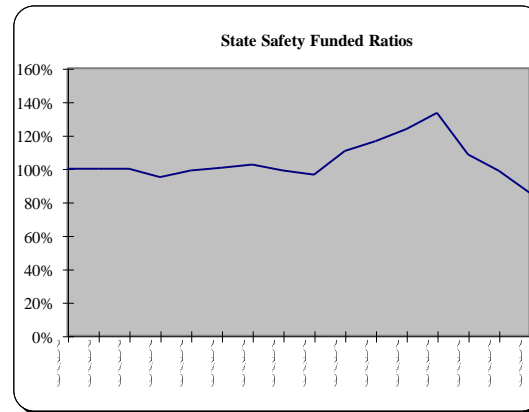
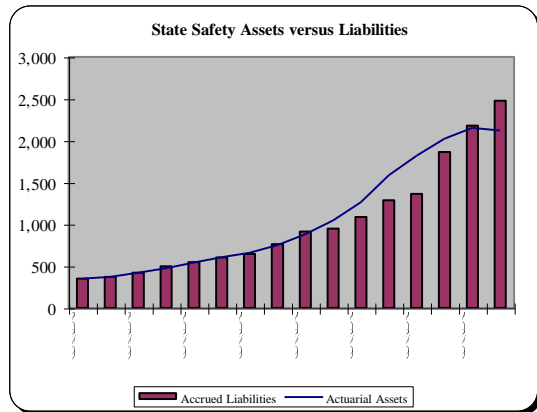
**State Industrial
(Dollars in Millions)**

Valuation Date	Actuarial Accrued Liabilities	Actuarial Assets	Funded Ratio	Unfunded Accrued Liabilities	Annual Covered Payroll	Unfunded As a % of Payroll
6/30/87	\$315.86	\$315.93	100.0%	(\$0.06)	\$146.17	0.0%
6/30/88	344.81	344.90	100.0%	(0.09)	166.90	-0.1%
6/30/89	386.48	387.00	100.1%	(0.52)	191.17	-0.3%
6/30/90	459.94	446.10	97.0%	13.84	224.06	6.2%
6/30/91	492.36	492.43	100.0%	(0.07)	256.41	0.0%
6/30/92	539.59	543.28	100.7%	(3.69)	268.41	-1.4%
6/30/93	596.89	609.85	102.2%	(12.96)	278.37	-4.7%
6/30/94	618.92	656.80	106.1%	(37.88)	235.06	-16.1%
6/30/95	659.45	706.32	107.1%	(46.86)	270.74	-17.3%
6/30/96	721.31	802.21	111.2%	(80.90)	293.77	-27.5%
6/30/97	740.68	938.14	126.7%	(197.45)	284.64	-69.4%
6/30/98	789.88	1,164.86	147.5%	(374.98)	296.55	-126.4%
6/30/99	880.05	1,283.50	145.8%	(403.45)	343.75	-117.4%
6/30/00	1,078.75	1,393.84	129.2%	(315.09)	379.44	-83.0%
6/30/01	1,196.07	1,426.14	119.2%	(230.07)	390.17	-59.0%
6/30/02	1,294.63	1,319.68	101.9%	(25.06)	389.72	-6.4%



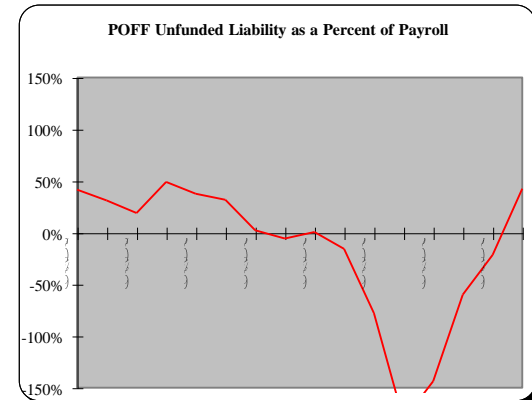
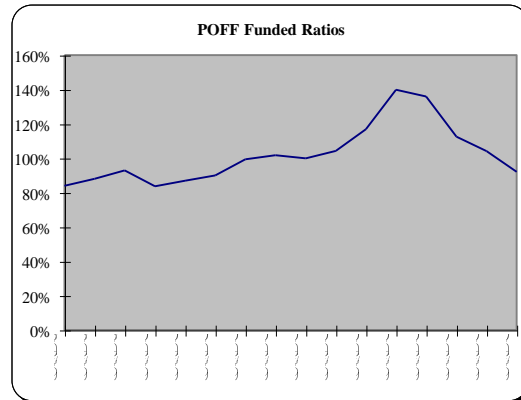
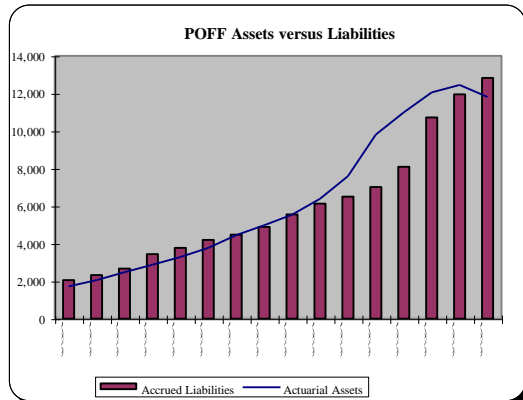
**State Safety
(Dollars in Millions)**

Valuation Date	Actuarial Accrued Liabilities	Actuarial Assets	Funded Ratio	Unfunded Accrued Liabilities	Annual Covered Payroll	Unfunded As a % of Payroll
6/30/87	\$349.50	\$349.32	99.9%	\$0.18	\$112.68	0.2%
6/30/88	369.94	369.68	99.9%	0.27	133.51	0.2%
6/30/89	420.00	419.81	100.0%	0.20	184.89	0.1%
6/30/90	498.73	473.35	94.9%	25.38	231.79	10.9%
6/30/91	548.01	541.44	98.8%	6.56	262.42	2.5%
6/30/92	602.36	605.34	100.5%	(2.98)	262.99	-1.1%
6/30/93	644.22	659.27	102.3%	(15.05)	265.34	-5.7%
6/30/94	761.10	752.16	98.8%	8.94	385.40	2.3%
6/30/95	913.75	880.87	96.4%	32.88	408.03	8.1%
6/30/96	946.58	1,045.36	110.4%	(98.78)	473.79	-20.8%
6/30/97	1,086.00	1,263.28	116.3%	(177.28)	413.78	-42.8%
6/30/98	1,285.33	1,588.18	123.6%	(302.86)	510.51	-59.3%
6/30/99	1,363.94	1,819.37	133.4%	(455.43)	681.63	-66.8%
6/30/00	1,864.69	2,022.46	108.5%	(157.77)	759.19	-20.8%
6/30/01	2,179.43	2,152.35	98.8%	27.08	850.00	3.2%
6/30/02	2,476.47	2,118.50	85.5%	357.97	875.83	40.9%



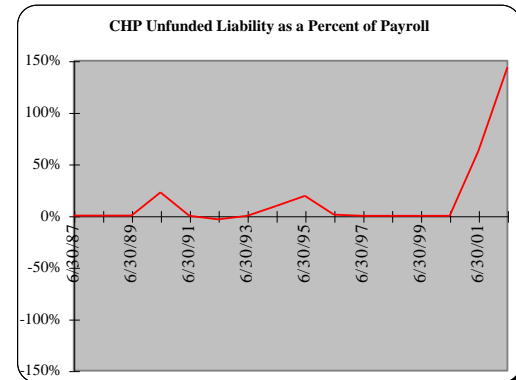
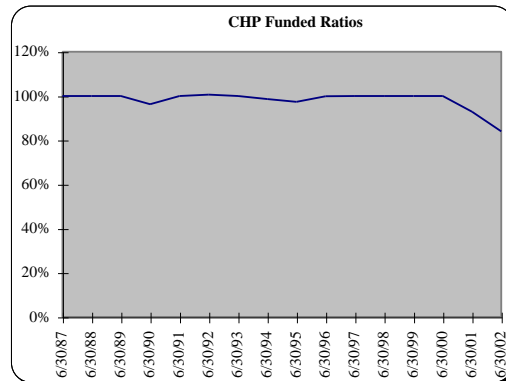
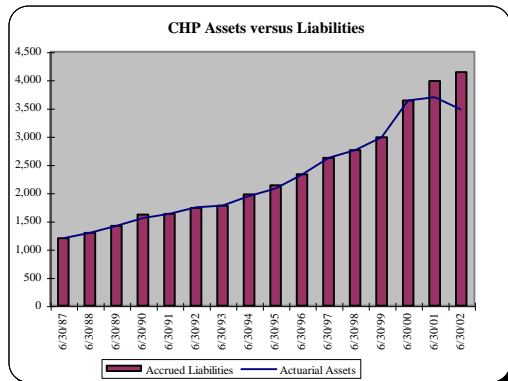
**State Peace Officers and Firefighters
(Dollars in Millions)**

Valuation Date	Actuarial Accrued Liabilities	Actuarial Assets	Funded Ratio	Unfunded Accrued Liabilities	Annual Covered Payroll	UAAL As a % of Payroll
6/30/87	\$2,046.60	\$1,717.11	83.9%	\$329.49	\$791.32	41.6%
6/30/88	2,323.22	2,045.09	88.0%	278.13	892.79	31.2%
6/30/89	2,664.98	2,474.18	92.8%	190.80	1,001.85	19.0%
6/30/90	3,439.63	2,874.90	83.6%	564.73	1,150.54	49.1%
6/30/91	3,773.05	3,277.41	86.9%	495.64	1,319.96	37.5%
6/30/92	4,193.43	3,769.47	89.9%	423.96	1,332.15	31.8%
6/30/93	4,475.70	4,446.78	99.4%	28.92	1,347.85	2.1%
6/30/94	4,883.90	4,968.39	101.7%	(84.49)	1,504.71	-5.6%
6/30/95	5,552.00	5,542.96	99.8%	9.04	1,592.42	0.6%
6/30/96	6,128.81	6,387.98	104.2%	(259.16)	1,653.57	-15.7%
6/30/97	6,494.67	7,592.21	116.9%	(1,097.54)	1,409.62	-77.9%
6/30/98	7,015.67	9,805.45	139.8%	(2,789.78)	1,540.44	-181.1%
6/30/99	8,091.24	10,992.31	135.9%	(2,901.07)	2,017.76	-143.8%
6/30/00	10,720.41	12,054.29	112.4%	(1,333.88)	2,227.34	-59.9%
6/30/01	11,949.04	12,443.72	104.1%	(494.68)	2,303.58	-21.5%
6/30/02	12,826.58	11,804.24	92.0%	1,022.34	2,406.97	42.5%



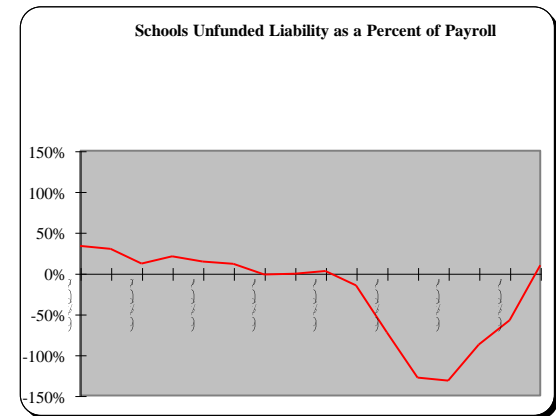
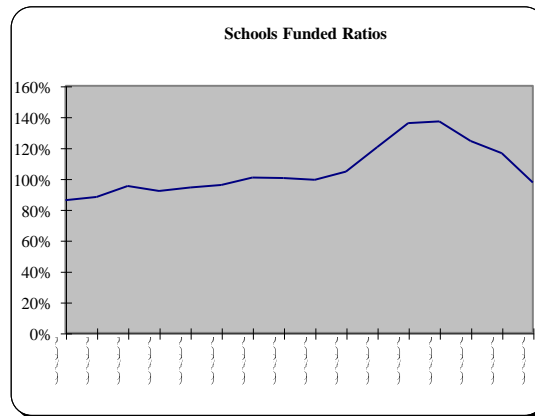
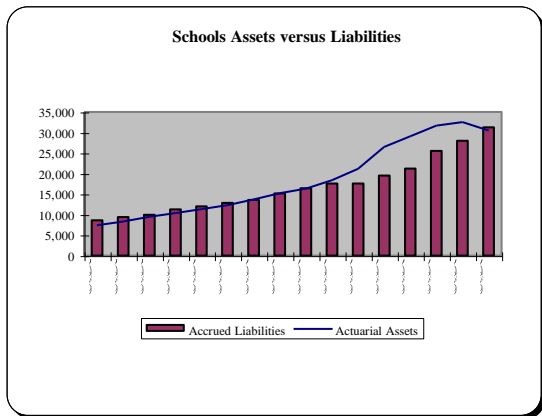
**California Highway Patrol
(Dollars in Millions)**

Valuation Date	Actuarial Accrued Liabilities	Actuarial Assets	Funded Ratio	Unfunded Accrued Liabilities	Annual Covered Payroll	UAAL As a % of Payroll
6/30/87	\$1,196.54	\$1,196.52	100.0%	\$0.02	\$216.42	0.0%
6/30/88	1,290.70	1,290.58	100.0%	0.11	226.20	0.1%
6/30/89	1,414.86	1,414.65	100.0%	0.20	249.06	0.1%
6/30/90	1,612.80	1,551.66	96.2%	61.14	271.01	22.6%
6/30/91	1,628.94	1,629.01	100.0%	(0.07)	287.52	0.0%
6/30/92	1,732.68	1,742.44	100.6%	(9.76)	282.14	-3.5%
6/30/93	1,772.76	1,772.85	100.0%	(0.09)	278.84	0.0%
6/30/94	1,970.53	1,943.56	98.6%	26.97	288.04	9.4%
6/30/95	2,133.61	2,075.83	97.3%	57.77	301.83	19.1%
6/30/96	2,328.09	2,324.56	99.8%	3.52	343.47	1.0%
6/30/97	2,620.57	2,620.57	100.0%	0.00	370.66	0.0%
6/30/98	2,756.37	2,756.37	100.0%	0.00	366.98	0.0%
6/30/99	2,983.40	2,983.40	100.0%	0.00	402.37	0.0%
6/30/00	3,635.32	3,635.32	100.0%	0.00	433.10	0.0%
6/30/01	3,980.87	3,695.40	92.8%	285.48	455.09	62.7%
6/30/02	4,137.94	3,475.23	84.0%	662.71	461.05	143.7%



Schools
(Dollars in Millions)

Valuation Date	Actuarial Accrued Liabilities	Actuarial Assets	Funded Ratio	Unfunded Accrued Liabilities	Annual Covered Payroll	UAAL As a % of Payroll
6/30/87	\$8,582.66	\$7,376.04	85.9%	\$1,206.62	\$3,605.26	33.5%
6/30/88	9,395.40	8,279.75	88.1%	1,115.65	3,768.65	29.6%
6/30/89	9,941.35	9,464.07	95.2%	477.28	4,054.28	11.8%
6/30/90	11,249.14	10,340.01	91.9%	909.13	4,392.59	20.7%
6/30/91	12,002.48	11,310.81	94.2%	691.67	4,849.84	14.3%
6/30/92	12,855.90	12,305.49	95.7%	550.42	4,882.78	11.3%
6/30/93	13,575.13	13,663.61	100.7%	(88.48)	4,852.84	-1.8%
6/30/94	15,135.82	15,180.02	100.3%	(44.20)	5,140.41	-0.9%
6/30/95	16,421.90	16,288.40	99.2%	133.51	5,350.87	2.5%
6/30/96	17,571.63	18,350.50	104.4%	(778.87)	5,145.78	-15.1%
6/30/97	17,583.43	21,149.20	120.3%	(3,565.77)	4,907.43	-72.7%
6/30/98	19,499.14	26,479.88	135.8%	(6,980.74)	5,444.66	-128.2%
6/30/99	21,216.00	29,067.75	137.0%	(7,851.75)	5,961.02	-131.7%
6/30/00	25,473.96	31,645.38	124.2%	(6,171.42)	7,052.94	-87.5%
6/30/01	27,946.43	32,505.16	116.3%	(4,558.73)	7,912.23	-57.6%
6/30/02	31,271.16	30,458.89	97.4%	812.28	8,344.24	9.7%



Summary of Assets

- **DEVELOPMENT OF THE ACTUARIAL VALUE OF ASSETS**
- **RECONCILIATION OF THE MARKET VALUE OF ASSETS OVER THE PRIOR FISCAL YEAR**
- **ASSET ALLOCATION**

Development of the Actuarial Value of Assets

	State Miscellaneous	State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol	Total State	Schools
1. Actuarial Value of Assets as of 6/30/01	\$ 47,258,101,516	\$ 1,426,141,218	\$ 2,152,350,722	\$ 12,443,723,334	\$ 3,695,396,362	\$ 66,975,713,152	\$ 32,505,161,935
2. Contributions Received during fiscal 01-02	652,665,232	13,103,580	144,440,198	337,744,760	104,856,279	1,252,810,049	571,062,001
3. Benefit Payments	(2,196,096,602)	(50,213,767)	(77,925,321)	(411,077,417)	(174,780,410)	(2,910,093,517)	(1,194,904,828)
4. Refunds	(9,330,318)	(294,972)	(2,123,568)	(6,717,232)	(393,168)	(18,859,258)	(41,770,333)
5. Expected Investment Return during fiscal 01-02 [(1) x 0.0825 + [(2) + (3) + (4)] x ((1 + 0.0825)^.5-1)]	<u>3,836,011,179</u>	<u>116,144,263</u>	<u>180,172,443</u>	<u>1,023,370,550</u>	<u>302,027,088</u>	<u>5,457,725,523</u>	<u>2,654,763,387</u>
6. Expected Actuarial Value of Assets as of June 30,2002 [(1) + (2) + (3) + (4) + (5)]	\$ 49,541,351,007	\$ 1,504,880,322	\$ 2,396,914,474	\$ 13,387,043,994	\$ 3,927,106,151	\$ 70,757,295,949	\$ 34,494,312,163
7. Market Value of Assets as of June 30,2002	\$ 39,530,079,188	\$ 1,199,710,879	\$ 1,925,904,852	\$ 10,731,128,017	\$ 3,159,299,963	\$ 56,546,122,899	\$ 27,689,895,718
8. Actuarial Value of Assets as of June 30,2002 [(6) + [(7) - (6)]/3, but not less than 90% or more than 110% of (7)]	\$ 43,483,087,107	\$ 1,319,681,967	\$ 2,118,495,337	\$ 11,804,240,819	\$ 3,475,229,959	\$ 62,200,735,189	\$ 30,458,885,290
9. As a % of Market Value {(8)/(7)}	110.0%	110.0%	110.0%	110.0%	110.0%	110.0%	110.0%

Reconciliation of the Market Value of Assets Over the Prior Fiscal Year

	State Miscellaneous	State Industrial	State Safety	State Peace Officers and Firefighters	California Highway Patrol	Total State	Schools
Beginning Balance 6/30/01	\$ 43,933,197,065	\$ 1,325,060,632	\$ 1,999,671,518	\$ 11,574,346,200	\$ 3,465,649,141	\$ 62,297,924,556	\$ 30,307,550,195
Contributions	652,665,232	13,103,580	144,440,198	337,744,760	104,856,279	1,252,810,049	571,062,001
Benefit Payments	(2,196,096,602)	(50,213,767)	(77,925,321)	(411,077,417)	(174,780,410)	(2,910,093,517)	(1,194,904,828)
Refunds	(9,330,318)	(294,972)	(2,123,568)	(6,717,232)	(393,168)	(18,859,258)	(41,770,333)
Investment Return	(2,850,356,189)	(87,944,594)	(138,157,976)	(763,168,293)	(236,031,879)	(4,075,658,931)	(1,952,041,317)
Ending Balance 6/30/02	39,530,079,188	1,199,710,879	1,925,904,852	10,731,128,017	\$ 3,159,299,963	\$ 56,546,122,899	27,689,895,718

Asset Allocation

The asset allocation and market value of assets shown below are in respect of the Public Employees Retirement Fund (PERF) as a whole. The assets of the State and Schools plans are part of the PERF and are invested accordingly.

Asset Class	Market Value (\$ Billion)	Current Allocation	Target
Cash Equivalents	\$ 2.7	1.9%	0.0%
Fixed Income			
Domestic	34.6	24.4	24.0
International	5.4	3.9	4.0
Total Fixed Income	\$ 40.0	28.3	28.0
Equities			
Domestic	\$ 53.8	37.9	39.0
International	26.4	18.6	19.0
Alt. Inv./Private Eq.	6.6	4.7	6.0
Total Equities	\$ 86.8	61.2	64.0
Real Estate	\$ 12.3	8.6	8.0
Total Fund	\$ 141.8	100.0%	100.0%

SUMMARY OF PARTICIPANT DATA

- **SOURCE OF THE PARTICIPANT DATA**
- **DATA VALIDATION TESTS AND ADJUSTMENTS**
- **DATA STATEMENT**
- **RECONCILIATION OF PARTICIPANTS**
- **DISTRIBUTION OF ACTIVE PARTICIPANTS AND AVERAGE MONTHLY SALARIES BY AGE AND SERVICE**
- **DISTRIBUTION BY AGE AND SERVICE OF TERMINATED PARTICIPANTS WITH FUNDS ON DEPOSIT AND TRANSFERS TO OTHER CALPERS PLANS**
- **SUMMARY OF RETIREES AND BENEFICIARIES**

Source of the Participant Data

The data was extracted from various databases within CalPERS and placed in a data warehouse by a series of extract programs. Included in this data is:

- individual member and beneficiary information,
- employment and payroll information,
- accumulated contributions with interest,
- service information,
- benefit payment information,
- information about the various organizations which contract with CalPERS, and
- detailed information about the plan provisions applicable to each group of members.

Data Validation Tests and Adjustments

Once the information is extracted from the various computer systems into the data warehouse, update queries are then run against this data to correct for flaws found in the data. This part of the process is intended to validate the participant data for all CalPERS plans. It is not specific to the State and Schools plans.

The data for each of the state and schools plans was then pulled into separate files. The data in these files was then checked for reasonableness and consistency with data from the prior valuation.

Checks on the data included:

- a reconciliation of the membership of the plans,
- comparisons of various member statistics (average attained age, average entry age, average salary, etc.) for each plan with those from the prior valuation
- pension amounts for each retiree and beneficiary receiving payments were compared with the pension amounts from the prior valuation
- checks for invalid ages and dates, and
- reasonableness checks on various key data elements such as service and salary.

As a result of the tests on the data, a number of adjustments were determined to be necessary. These included:

- dates of hire and dates of entry were adjusted where necessary to be consistent with the service fields, the date of birth and each other, and

- the annual earnings rate for most Schools members were overwritten with the annualized earnings based on their yearly contributions.

In addition, it is also known that records relating to pre-1984 State Safety retirees who were transferred to the State Peace Officers and Firefighters plan upon its creation have not had their records updated to reflect the transfer. In this valuation, as in prior valuations, this deficiency has been handled by adjusting the assets and liabilities rather than by trying to correct the data. The member counts and summary of retiree data have not been adjusted to correct for this deficiency.

Data Statement

The data does not contain information about reciprocal systems and hence salary information for terminated participants covered by reciprocal systems may not be up to date. This situation is not expected to have a material impact on the employer contribution rates.

We are unaware of any other data issues that would have a material effect on the results of this valuation.

It is our opinion that, after the adjustments noted above, the participant data was sufficient and reliable for the purposes of the valuation.

Reconciliation of Participants

For the Fiscal Year Ending June 30, 2002

State Miscellaneous Tier 1

	Active Members	Transfers	Vested Terminations*	Receiving Payments	Total
As of June 30, 2001	145,727	21,944	22,382	121,634	311,687
Retirements	(4,044)	(957)	(326)	5,327	0
Disabilities	(321)	(150)	(83)	554	0
Deaths/Benefits Ceasing	(409)	(51)	(158)	(734)	(1,352)
New Survivors	0	0	0	2,203	2,203
Non-vested Terminations*	(3,341)	(729)	4,089	(19)	0
Vested Terminations	(942)	(300)	1,260	(18)	0
Withdrawals	(1,348)	(228)	(294)	0	(1,870)
Transfers	(2,774)	3,761	(906)	(81)	0
Redeposits / Rehires	5,039	(3,855)	(872)	(312)	0
First Year in Status	21,419	2,230	2,613	0	26,262
Data Corrections**	(762)	285	(1,789)	(6,818)	(9,084)
As of June 30, 2002	158,244	21,950	25,916	121,736	327,846

State Miscellaneous Tier 2

	Active Members	Transfers	Vested Terminations*	Receiving Payments	Total
As of June 30, 2001	25,097	23,218	1,900	3,489	53,704
Retirements	(15)	(84)	(32)	129	0
Disabilities	(30)	(34)	(11)	75	0
Deaths/Benefits Ceasing	(62)	(52)	(95)	(56)	(265)
New Survivors	0	0	0	33	33
Non-vested Terminations*	(805)	(388)	1,195	(2)	0
Vested Terminations	(381)	(150)	534	(3)	0
Withdrawals	(276)	(789)	(472)	0	(1,537)
Transfers	(4,515)	4,647	(113)	(19)	0
Redeposits / Rehires	1,954	(1,882)	(67)	(5)	0
Moved to Tier 1	(2,728)	(3,562)	(31)	0	(6,321)
First Year in Status	0	0	0	0	0
Data Corrections**	(18)	202	(1,342)	(79)	(1,238)
As of June 30, 2002	18,222	21,126	1,466	3,562	44,376

* Includes non-vested terminated participants with employee contributions in the plan.

** May include the combining of data records into a single record.

Reconciliation of Participants**For the Fiscal Year Ending June 30, 2002**

	State Industrial				Total
	Active Members	Transfers	Vested Terminations*	Receiving Payments	
As of June 30, 2001	9,374	7,186	1,958	4,893	23,411
Retirements	(199)	(189)	(12)	400	0
Disabilities	(49)	(44)	(15)	108	0
Deaths/Benefits Ceasing	(18)	(4)	(6)	(98)	(126)
New Survivors	0	0	0	186	186
Non-vested Terminations*	(200)	(32)	233	(1)	0
Vested Terminations	(81)	(102)	183	0	0
Withdrawals	(83)	(33)	(10)	(7)	(133)
Transfers	(1,705)	1,868	(154)	(9)	0
Redeposits / Rehires	1,136	(1,081)	(49)	(6)	0
First Year in Status	785	110	53	0	948
Data Corrections**	145	(138)	(65)	(211)	(269)
As of June 30, 2002	9,105	7,541	2,116	5,255	24,017

	State Safety				Total
	Active Members	Transfers	Vested Terminations*	Receiving Payments	
As of June 30, 2001	15,262	6,809	1,889	9,518	33,478
Retirements	(387)	(141)	(34)	562	0
Disabilities	(108)	(33)	(40)	181	0
Deaths/Benefits Ceasing	(32)	(9)	(16)	(266)	(323)
New Survivors	0	0	0	553	553
Non-vested Terminations*	(338)	(101)	440	(1)	0
Vested Terminations	(88)	(11)	99	0	0
Withdrawals	(167)	(27)	(54)	0	(248)
Transfers	(347)	446	(94)	(5)	0
Redeposits / Rehires	392	(312)	(67)	(13)	0
First Year in Status	1,882	539	212	0	2,633
Data Corrections**	(633)	(747)	(205)	(333)	(1,918)
As of June 30, 2002	15,436	6,413	2,130	10,196	34,175

* Includes non-vested terminated participants with employee contributions in the plan.

** May include the combining of data records into a single record.

Reconciliation of Participants**For the Fiscal Year Ending June 30, 2002**

	State Peace Officers and Firefighters				
	Active Members	Transfers	Vested Terminations*	Receiving Payments	Total
As of June 30, 2001	40,598	16,768	5,155	11,199	73,720
Retirements	(733)	(475)	(65)	1,273	0
Disabilities	(409)	(160)	(98)	667	0
Deaths/Benefits Ceasing	(89)	(46)	(78)	(120)	(333)
New Survivors	0	0	0	286	286
Non-vested Terminations*	(677)	(81)	759	(1)	0
Vested Terminations	(248)	(123)	373	(2)	0
Withdrawals	(1,056)	(441)	(278)	0	(1,775)
Transfers	(323)	594	(264)	(7)	0
Redeposits / Rehires	317	(155)	(131)	(31)	0
First Year in Status	3,388	287	302	0	3,977
Data Corrections**	(208)	(12,851)	(1,595)	(846)	(15,500)
As of June 30, 2002	40,560	3,317	4,080	12,418	60,375

	California Highway Patrol				
	Active Members	Transfers	Vested Terminations*	Receiving Payments	Total
As of June 30, 2001	6,677	395	206	5,972	13,250
Retirements	(131)	(21)	(2)	154	0
Disabilities	(168)	(11)	(7)	186	0
Deaths/Benefits Ceasing	(10)	(1)	(4)	(153)	(168)
New Survivors	0	0	0	183	183
Non-vested Terminations*	(33)	(18)	51	0	0
Vested Terminations	(65)	(5)	70	0	0
Withdrawals	(16)	(3)	(23)	(1)	(43)
Transfers	(17)	36	(18)	(1)	0
Redeposits / Rehires	78	(57)	(14)	(7)	0
First Year in Status	528	16	16	3	563
Data Corrections**	(13)	5	(39)	(117)	(164)
As of June 30, 2002	6,830	336	236	6,219	13,621

* Includes non-vested terminated participants with employee contributions in the plan.

** May include the combining of data records into a single record.

Reconciliation of Participants**For the Fiscal Year Ending June 30, 2002**

	Active Members	Schools Transfers	Vested Terminations*	Receiving Payments	Total
As of June 30, 2001	261,722	13,937	79,705	135,026	490,390
Retirements	(5,338)	(5,425)	(521)	11,284	0
Disabilities	(491)	(431)	(93)	1,015	0
Deaths/Benefits Ceasing	(26)	(55)	(24)	(4,997)	(5,102)
New Survivors	0	0	0	6,779	6,779
Non-vested Terminations*	(7,854)	(627)	8,516	(35)	0
Vested Terminations	(1,805)	(153)	1,965	(7)	0
Withdrawals	(5,526)	(5,082)	(1,267)	0	(11,875)
Transfers	(3,248)	7,178	(3,722)	(208)	0
Redeposits / Rehires	2,425	(127)	(2,114)	(184)	0
First Year in Status	32,139	6,574	8,461	0	47,174
Data Corrections**	844	717	(312)	(12,262)	(11,013)
As of June 30, 2002	272,842	16,506	90,594	136,411	516,353

* Includes non-vested terminated participants with employee contributions in the plan.

** May include the combining of data records into a single record.

Active Members

Distribution of Active Members By Age and Service

As of June 30, 2002

State Miscellaneous Tier 1

Attained Age	--Years of Service at Valuation Date--						Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	3,398	2					3,400
25-29	8,289	389	7				8,685
30-34	10,313	2,150	873	10			13,346
35-39	9,626	2,997	4,121	872	26		17,642
40-44	9,653	3,246	5,521	3,659	1,931		24,010
45-49	8,475	3,223	5,741	4,442	6,787	68	28,736
50-54	6,622	2,867	5,171	4,171	8,696	1,487	29,014
55-59	3,964	1,897	3,270	2,860	5,980	2,864	20,835
60-64	1,658	892	1,510	1,291	2,364	1,779	9,494
65+	683	374	561	409	601	454	3,082
Total	62,681	18,037	26,775	17,714	26,385	6,652	158,244

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service

As of June 30, 2002

State Miscellaneous Tier 1

Attained Age	--Years of Service at Valuation Date--							Average Salary	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34		35 & Up
15-19	\$ 17,426	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 17,426
20-24	25,624	34,614	0	0	0	0	0	0	25,629
25-29	34,257	40,038	41,374	0	0	0	0	0	34,522
30-34	39,699	46,443	47,016	41,450	0	0	0	0	41,265
35-39	42,065	49,789	52,405	51,834	49,781	0	0	0	46,287
40-44	42,758	50,141	53,649	53,777	51,314	53,018	0	0	48,633
45-49	43,289	49,804	55,010	55,592	54,798	55,258	58,838	0	51,052
50-54	44,793	50,717	55,581	57,410	57,304	59,513	58,219	57,015	53,854
55-59	45,252	51,218	55,283	56,903	59,212	63,813	64,149	59,260	56,091
60-64	43,353	51,432	54,430	56,091	58,453	63,675	69,360	65,216	56,582
65 & Up	43,436	49,925	53,263	59,141	60,937	63,792	68,897	70,899	55,672
All Ages	\$ 40,552	\$ 49,626	\$ 54,139	\$ 55,782	\$ 56,359	\$ 60,427	\$ 63,759	\$ 63,403	\$ 49,469

Distribution of Active Members By Age and Service**As of June 30, 2002****State Miscellaneous Tier 2**

Attained Age	--Years of Service at Valuation Date--						Valuation Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	252	2					254
25-29	1,142	229	7				1,378
30-34	1,299	1,018	288	3			2,608
35-39	1,067	1,124	792	109	6		3,098
40-44	926	952	801	317	187		3,183
45-49	788	748	674	304	478	8	3,000
50-54	530	570	478	216	481	97	2,372
55-59	339	311	287	109	204	137	1,387
60-64	160	163	123	44	71	82	643
65+	92	73	67	17	16	34	299
Total	6,596	5,190	3,517	1,119	1,443	358	18,222

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service**As of June 30, 2002****State Miscellaneous Tier 2**

Attained Age	--Years of Service at Valuation Date--								Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
20-24	24,775	34,668	0	0	0	0	0	0	24,853
25-29	34,936	36,076	39,348	0	0	0	0	0	35,148
30-34	37,539	39,939	41,717	41,160	0	0	0	0	38,941
35-39	37,971	40,799	44,980	44,210	42,490	0	0	0	41,017
40-44	38,693	42,075	45,784	44,117	46,117	41,620	0	0	42,461
45-49	38,000	40,666	44,911	44,832	46,718	50,392	50,616	0	42,544
50-54	39,224	42,923	45,038	46,221	48,635	52,982	50,282	57,108	44,744
55-59	38,348	41,285	43,829	46,462	46,309	50,322	52,299	58,197	43,773
60-64	39,129	45,369	43,461	42,918	51,641	45,288	52,767	59,647	44,932
65 & Up	31,214	46,767	47,680	35,288	50,782	53,758	46,823	46,436	41,813
All Ages	\$ 37,014	\$ 41,124	\$ 44,784	\$ 44,766	\$ 47,221	\$ 51,151	\$ 51,308	\$ 56,243	\$ 41,401

Distribution of Active Members By Age and Service**As of June 30, 2002****State Industrial**

Attained Age	--Years of Service at Valuation Date--						Valuation Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	236						236
25-29	522	73					595
30-34	701	248	65	1			1,015
35-39	673	346	188	35	1		1,243
40-44	675	427	274	103	30		1,509
45-49	622	408	308	154	71		1,563
50-54	493	337	295	146	80	11	1,362
55-59	312	262	209	124	72	16	995
60-64	92	125	90	58	22	7	394
65+	38	87	42	14	8	4	193
Total	4,364	2,313	1,471	635	284	38	9,105

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service**As of June 30, 2002****State Industrial**

Attained Age	--Years of Service at Valuation Date--								Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	\$ 20,120	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 20,120
20-24	24,935	0	0	0	0	0	0	0	24,935
25-29	29,158	33,639	0	0	0	0	0	0	29,708
30-34	31,923	36,030	40,416	34,248	0	0	0	0	33,473
35-39	34,767	37,461	41,008	45,188	43,428	0	0	0	36,762
40-44	35,922	39,001	44,026	46,496	50,769	48,098	0	0	39,280
45-49	37,419	41,985	45,112	50,330	50,543	48,387	0	0	41,968
50-54	40,213	45,028	43,922	46,252	51,415	51,681	49,464	47,484	43,591
55-59	42,027	46,456	44,537	46,988	47,158	47,815	50,565	53,964	44,874
60-64	38,778	55,966	44,775	45,529	46,311	45,948	54,663	45,812	47,223
65 & Up	38,876	77,296	48,149	42,381	56,445	41,816	36,228	31,572	58,865
All Ages	\$ 34,912	\$ 42,889	\$ 43,924	\$ 47,195	\$ 49,794	\$ 48,718	\$ 49,733	\$ 46,392	\$ 39,765

Distribution of Active Members By Age and Service**As of June 30, 2002****State Safety**

Attained Age	--Years of Service at Valuation Date--						Valuation Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	162						162
25-29	453	25					478
30-34	802	203	18				1,023
35-39	940	395	111	8			1,454
40-44	1,185	620	314	88	9		2,216
45-49	1,501	769	499	187	55		3,011
50-54	1,382	797	593	217	142	4	3,135
55-59	942	587	443	192	109	9	2,282
60-64	462	280	225	106	42	7	1,122
65+	230	156	94	43	26	4	553
Total	8,059	3,832	2,297	841	383	24	15,436

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service**As of June 30, 2002****State Safety**

Attained Age	--Years of Service at Valuation Date--								Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
20-24	29,079	0	0	0	0	0	0	0	29,079
25-29	35,749	39,177	0	0	0	0	0	0	35,929
30-34	41,381	43,718	42,988	0	0	0	0	0	41,873
35-39	45,138	49,158	46,651	58,488	0	0	0	0	46,419
40-44	48,331	50,253	49,507	53,171	52,366	0	0	0	49,244
45-49	49,506	53,779	53,174	57,949	56,232	52,253	0	0	51,847
50-54	54,504	55,429	53,632	58,352	57,432	60,312	72,153	0	55,027
55-59	58,030	57,865	55,027	59,492	62,335	63,270	58,846	0	57,752
60-64	66,758	62,519	56,029	57,974	57,650	55,508	58,420	64,356	62,318
65 & Up	85,006	80,562	61,947	54,637	56,393	52,115	83,700	66,504	75,930
All Ages	\$ 50,687	\$ 54,802	\$ 53,392	\$ 57,744	\$ 58,232	\$ 59,803	\$ 62,623	\$ 65,967	\$ 52,712

Distribution of Active Members By Age and Service**As of June 30, 2002****State Peace Officers and Firefighters**

Attained Age	--Years of Service at Valuation Date--						Valuation Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	1,341	1					1,342
25-29	3,436	422					3,858
30-34	2,875	3,011	283				6,169
35-39	1,857	2,591	1,934	758	3		7,143
40-44	1,233	1,857	2,035	2,299	268		7,692
45-49	717	1,234	1,363	1,765	1,203	14	6,296
50-54	423	766	992	1,148	1,498	171	4,998
55-59	189	374	555	594	521	79	2,312
60-64	49	110	175	183	77	35	629
65+	7	23	40	36	5	10	121
Total	12,127	10,389	7,377	6,783	3,575	309	40,560

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service**As of June 30, 2002****State Peace Officers and Firefighters**

Attained Age	--Years of Service at Valuation Date--								Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	\$ 25,423	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 25,423
20-24	30,332	37,790	0	0	0	0	0	0	30,338
25-29	40,562	53,362	0	0	0	0	0	0	41,962
30-34	44,154	55,307	56,874	0	0	0	0	0	50,181
35-39	45,533	55,970	58,520	60,325	60,614	0	0	0	54,411
40-44	47,313	56,370	58,967	61,736	66,970	65,387	0	0	57,578
45-49	49,395	57,503	60,023	62,173	68,655	71,437	71,296	0	60,710
50-54	53,105	58,463	61,648	62,888	67,601	72,361	72,937	65,996	63,617
55-59	54,928	58,966	62,089	62,936	67,003	70,619	73,315	79,372	63,164
60-64	56,150	58,777	60,479	61,473	65,512	73,492	70,228	80,019	62,061
65 & Up	63,572	57,811	58,579	63,147	53,994	59,149	86,303	78,404	61,876
All Ages	\$ 42,961	\$ 56,249	\$ 59,594	\$ 61,993	\$ 67,843	\$ 71,839	\$ 72,953	\$ 78,410	\$ 55,131

Distribution of Active Members By Age and Service**As of June 30, 2002****California Highway Patrol**

Attained Age	--Years of Service at Valuation Date--						Valuation Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	140						140
25-29	711	153					864
30-34	687	701	88				1,476
35-39	108	444	644	89			1,285
40-44	2	83	428	552	140		1,205
45-49		55	76	422	456		1,009
50-54		36	7	86	409	45	583
55-59		14	1	12	124	106	257
60-64	1				5	5	11
65+							
Total	1,649	1,486	1,244	1,161	1,134	156	6,830

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service**As of June 30, 2002****California Highway Patrol**

Attained Age	--Years of Service at Valuation Date--								Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
20-24	49,118	0	0	0	0	0	0	0	49,118
25-29	52,133	60,371	0	0	0	0	0	0	53,592
30-34	53,402	60,976	62,748	0	0	0	0	0	57,556
35-39	56,413	61,102	63,474	67,116	0	0	0	0	62,313
40-44	59,819	62,044	63,197	67,705	69,319	0	0	0	65,888
45-49	0	65,273	63,152	67,012	71,008	69,837	0	0	68,370
50-54	0	67,540	60,579	65,019	69,224	75,736	78,801	0	71,235
55-59	0	79,472	118,000	69,115	70,189	72,257	80,666	72,974	75,408
60-64	53,341	0	0	0	83,786	73,643	73,533	93,101	75,371
65 & Up	0	0	0	0	0	0	0	0	0
All Ages	\$ 52,696	\$ 61,504	\$ 63,335	\$ 67,223	\$ 70,215	\$ 73,937	\$ 79,891	\$ 74,803	\$ 62,712

Distribution of Active Members By Age and Service**As of June 30, 2002****Schools**

Attained Age	--Years of Service at Valuation Date--						Valuation Total
	0-4	5-9	10-14	15-19	20-29	30+	
15-24	11,068	1					11,069
25-29	18,270	85	1				18,356
30-34	21,575	177	33				21,785
35-39	28,229	207	97	33	1		28,567
40-44	39,263	266	153	85	45		39,812
45-49	47,552	330	213	146	127	2	48,370
50-54	45,497	279	234	171	161	7	46,349
55-59	33,388	180	181	136	164	25	34,074
60-64	16,930	78	77	73	81	31	17,270
65+	7,030	38	29	23	41	29	7,190
Total	268,802	1,641	1,018	667	620	94	272,842

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Distribution of Average Annual Salaries By Age and Service**As of June 30, 2002****Schools**

Attained Age	--Years of Service at Valuation Date--								Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	\$ 8,089	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,089
20-24	15,297	23,706	0	0	0	0	0	0	15,297
25-29	21,155	28,654	33,540	0	0	0	0	0	21,190
30-34	25,144	31,509	32,710	0	0	0	0	0	25,207
35-39	26,973	32,084	35,202	39,749	47,487	0	0	0	27,053
40-44	28,099	32,560	37,751	45,894	39,394	0	0	0	28,217
45-49	29,372	31,593	37,705	36,065	46,672	53,065	69,782	0	29,493
50-54	31,585	32,111	34,356	37,206	46,512	60,514	61,794	0	31,685
55-59	32,712	31,946	38,335	38,641	48,629	50,351	61,756	53,519	32,859
60-64	31,476	29,397	30,420	32,410	47,599	55,550	60,825	61,831	31,601
65 & Up	26,249	24,157	32,018	39,681	38,387	35,033	32,814	48,974	26,449
All Ages	\$ 28,288	\$ 31,496	\$ 35,936	\$ 38,042	\$ 46,239	\$ 52,280	\$ 58,321	\$ 55,314	\$ 28,412

Terminated and Transferred Participants

Distributions By Age and Service

Transfers to Other CalPERS Plans

As of June 30, 2002

State Miscellaneous Tier 1

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	1	0	0	0	0	0	0	1	\$ 15,496
20-24	329	0	0	0	0	0	0	329	40,965
25-29	1,093	4	0	0	0	0	0	1,097	45,587
30-34	1,316	104	5	0	0	0	0	1,425	48,208
35-39	1,826	296	118	9	1	0	0	2,250	55,030
40-44	2,706	530	292	109	15	0	0	3,652	57,235
45-49	2,884	743	412	247	104	7	0	4,397	57,719
50-54	2,339	835	499	274	148	49	7	4,151	58,400
55-59	1,556	602	300	197	100	49	23	2,827	58,057
60-64	755	259	148	97	37	24	11	1,331	60,081
65 & Up	309	93	35	25	16	4	8	490	65,871
Totals	15,114	3,466	1,809	958	421	133	49	21,950	\$ 56,384

Distributions By Age and Service

Terminated Participants With Funds on Deposit

As of June 30, 2002

State Miscellaneous Tier 1

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	7	0	0	0	0	0	0	7	\$ 21,086
20-24	646	0	0	0	0	0	0	646	24,378
25-29	1,444	12	0	0	0	0	0	1,456	30,451
30-34	2,176	206	28	0	0	0	0	2,410	35,262
35-39	2,314	646	236	12	0	0	0	3,208	39,156
40-44	2,573	884	476	145	20	0	0	4,098	39,756
45-49	2,698	1,150	599	282	121	17	0	4,867	40,117
50-54	2,366	1,064	515	229	84	24	4	4,286	40,242
55-59	1,614	621	288	123	52	15	5	2,718	38,941
60-64	879	269	90	35	17	5	3	1,298	36,248
65 & Up	713	108	50	18	16	6	11	922	32,251
Totals	17,430	4,960	2,282	844	310	67	23	25,916	\$ 37,973

Distributions By Age and Service**Transfers to Other CalPERS Plans****As of June 30, 2002****State Miscellaneous Tier 2**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	208	0	0	0	0	0	0	208	31,486
25-29	1,360	64	0	0	0	0	0	1,424	43,300
30-34	2,777	626	64	0	0	0	0	3,467	48,009
35-39	2,547	829	354	25	0	0	0	3,755	48,298
40-44	2,293	681	465	154	58	1	0	3,652	48,291
45-49	1,939	548	433	215	231	53	1	3,420	49,385
50-54	1,451	406	314	177	205	156	29	2,738	50,352
55-59	900	212	154	98	108	81	56	1,609	50,536
60-64	369	93	44	30	21	29	25	611	48,966
65 & Up	156	33	22	7	9	6	9	242	51,554
Totals	14,000	3,492	1,850	706	632	326	120	21,126	\$ 48,416

Distributions By Age and Service**Terminated Participants With Funds on Deposit****As of June 30, 2002****State Miscellaneous Tier 2**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	22	0	0	0	0	22	30,146
35-39	0	0	135	5	0	0	0	140	31,204
40-44	0	0	224	62	6	0	0	292	31,132
45-49	0	0	279	107	39	1	0	426	31,938
50-54	0	0	272	110	37	8	0	427	33,096
55-59	0	0	76	35	7	5	0	123	32,764
60-64	0	0	16	10	3	2	0	31	32,480
65 & Up	0	0	3	1	1	0	0	5	33,456
Totals	0	0	1,027	330	93	16	0	1,466	\$ 32,104

Distributions By Age and Service**Transfers to Other CalPERS Plans****As of June 30, 2002****State Industrial**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	49	0	0	0	0	0	0	49	30,064
25-29	312	11	0	0	0	0	0	323	34,262
30-34	568	117	17	0	0	0	0	702	40,565
35-39	750	184	45	6	0	0	0	985	45,857
40-44	940	231	70	18	1	0	0	1,260	48,284
45-49	1,112	258	106	23	7	0	0	1,506	52,431
50-54	951	281	126	34	9	2	0	1,403	56,719
55-59	568	147	69	14	7	1	0	806	56,162
60-64	228	75	17	14	2	0	0	336	61,533
65 & Up	112	38	12	6	1	2	0	171	80,782
Totals	5,590	1,342	462	115	27	5	0	7,541	\$ 51,097

Distributions By Age and Service**Terminated Participants With Funds on Deposit****As of June 30, 2002****State Industrial**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	45	0	0	0	0	0	0	45	24,049
25-29	147	8	0	0	0	0	0	155	26,378
30-34	243	30	5	0	0	0	0	278	28,907
35-39	280	61	11	0	0	0	0	352	31,220
40-44	237	55	15	1	0	0	0	308	32,900
45-49	258	44	16	3	2	0	0	323	35,462
50-54	208	58	13	1	4	0	0	284	36,664
55-59	157	21	8	0	1	0	0	187	39,565
60-64	84	11	3	0	0	0	0	98	42,125
65 & Up	78	7	1	0	0	0	0	86	42,363
Totals	1,737	295	72	5	7	0	0	2,116	\$ 33,727

Distributions By Age and Service**Transfers to Other CalPERS Plans****As of June 30, 2002****State Safety**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	8	0	0	0	0	0	0	8	34,509
25-29	46	2	0	0	0	0	0	48	42,797
30-34	145	15	0	0	0	0	0	160	47,484
35-39	335	24	8	1	0	0	0	368	54,945
40-44	1,053	69	14	7	0	0	0	1,143	61,579
45-49	1,727	119	35	14	0	0	0	1,895	63,098
50-54	1,530	131	63	9	5	1	0	1,739	63,715
55-59	660	106	27	7	3	1	0	804	61,342
60-64	168	28	4	2	1	0	0	203	61,560
65 & Up	38	6	1	0	0	0	0	45	75,592
Totals	5,710	500	152	40	9	2	0	6,413	\$ 61,768

Distributions By Age and Service**Terminated Participants With Funds on Deposit****As of June 30, 2002****State Safety**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	17	0	0	0	0	0	0	17	28,287
25-29	63	1	0	0	0	0	0	64	42,730
30-34	146	5	0	0	0	0	0	151	39,401
35-39	196	20	3	0	0	0	0	219	41,086
40-44	357	26	13	0	0	0	0	396	42,839
45-49	366	59	17	3	0	0	0	445	44,778
50-54	313	52	17	6	1	0	0	389	46,675
55-59	212	23	9	6	0	0	0	250	46,523
60-64	106	11	4	1	0	0	0	122	50,228
65 & Up	65	5	3	3	0	1	0	77	52,603
Totals	1,841	202	66	19	1	1	0	2,130	\$ 44,610

Distributions By Age and Service**Transfers to Other CalPERS Plans****As of June 30, 2002****State Peace Officers and Fire Fighters**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	88	0	0	0	0	0	0	88	39,538
25-29	348	1	0	0	0	0	0	349	47,405
30-34	566	47	1	0	0	0	0	614	53,405
35-39	544	73	29	1	0	0	0	647	57,732
40-44	379	74	39	12	0	0	0	504	55,427
45-49	287	86	58	26	8	3	0	468	57,176
50-54	196	60	57	29	23	7	2	374	59,928
55-59	127	22	14	10	9	5	2	189	61,473
60-64	48	4	5	1	1	1	1	61	60,782
65 & Up	22	0	0	0	0	0	1	23	67,893
Totals	2,605	367	203	79	41	16	6	3,317	\$ 55,520

Distributions By Age and Service**Terminated Participants With Funds on Deposit****As of June 30, 2002****State Peace Officers and Firefighters**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	19	0	0	0	0	0	0	19	\$ 26,024
20-24	482	0	0	0	0	0	0	482	26,268
25-29	699	1	0	0	0	0	0	700	27,530
30-34	762	51	2	2	0	0	0	817	29,057
35-39	585	83	35	8	0	0	0	711	31,406
40-44	395	100	65	24	1	2	0	587	36,790
45-49	233	83	65	31	7	3	0	422	39,924
50-54	125	38	27	16	9	1	0	216	41,339
55-59	61	9	9	5	0	0	0	84	42,262
60-64	19	5	0	1	0	0	1	26	34,709
65 & Up	16	0	0	0	0	0	0	16	30,698
Totals	3,396	370	203	87	17	6	1	4,080	\$ 32,062

Distributions By Age and Service**Transfers to Other CalPERS Plans****As of June 30, 2002****California Highway Patrol**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	0	0	0	0	0	0	0	0	0
25-29	17	0	0	0	0	0	0	17	43,113
30-34	36	3	1	0	0	0	0	40	54,336
35-39	40	9	1	0	0	0	0	50	55,869
40-44	39	13	13	0	0	0	0	65	61,372
45-49	34	13	7	3	0	0	0	57	64,219
50-54	24	10	6	4	0	0	0	44	62,953
55-59	20	18	4	6	0	0	0	48	71,307
60-64	7	6	1	1	0	0	0	15	62,997
65 & Up	0	0	0	0	0	0	0	0	0
Totals	217	72	33	14	0	0	0	336	\$ 60,974

Distributions By Age and Service**Terminated Participants With Funds on Deposit****As of June 30, 2002****California Highway Patrol**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	0	0	0	0	0	0	0	0	\$ 0
20-24	2	0	0	0	0	0	0	2	49,462
25-29	12	1	0	0	0	0	0	13	48,661
30-34	46	7	1	0	0	0	0	54	49,825
35-39	33	14	18	2	0	0	0	67	51,688
40-44	11	15	13	4	1	0	0	44	49,991
45-49	10	6	6	5	1	1	0	29	52,095
50-54	3	9	2	0	1	0	0	15	44,853
55-59	3	1	3	0	1	0	0	8	49,115
60-64	2	0	0	0	0	0	0	2	58,488
65 & Up	1	0	1	0	0	0	0	2	32,000
Totals	123	53	44	11	4	1	0	236	\$ 50,179

Distributions By Age and Service**Transfers to Other CalPERS Plans****As of June 30, 2002****Schools**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	1	0	0	0	0	0	0	1	\$ 19,044
20-24	310	1	0	0	0	0	0	311	26,129
25-29	814	39	0	0	0	0	0	853	29,833
30-34	924	205	40	1	0	0	0	1,170	33,231
35-39	1,069	313	198	39	0	0	0	1,619	34,862
40-44	1,434	444	306	163	48	1	0	2,396	35,407
45-49	1,583	629	433	231	154	42	1	3,073	36,294
50-54	1,285	673	560	285	175	105	23	3,106	38,081
55-59	784	448	471	309	171	93	48	2,324	38,727
60-64	368	206	233	177	110	54	28	1,176	37,426
65 & Up	165	95	91	61	39	18	8	477	33,896
Totals	8,737	3,053	2,332	1,266	697	313	108	16,506	\$ 35,972

Distributions By Age and Service**Terminated Participants With Funds on Deposit****As of June 30, 2002****Schools**

Attained Age	--Years of Service at Valuation Date--							Totals	Average Salary
	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up		
15-19	22	0	0	0	0	0	0	22	\$ 20,997
20-24	3,576	1	0	0	0	0	0	3,577	24,135
25-29	9,708	47	0	0	0	0	0	9,755	25,615
30-34	10,522	428	22	0	0	0	0	10,972	25,919
35-39	9,810	800	204	11	0	0	0	10,825	25,981
40-44	11,281	998	404	116	12	0	0	12,811	26,578
45-49	12,164	1,614	645	257	72	6	0	14,758	27,444
50-54	9,679	1,807	728	248	86	25	3	12,576	27,694
55-59	6,148	1,303	458	129	59	13	3	8,113	27,109
60-64	3,221	581	187	77	22	1	3	4,092	25,906
65 & Up	2,714	245	90	22	13	5	4	3,093	24,426
Totals	78,845	7,824	2,738	860	264	50	13	90,594	\$ 26,465

Retired Members and Beneficiaries

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

State Miscellaneous Tier 1

Retiree Age	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case		
		Non-industrial	Industrial	Non-industrial	Industrial			
29-33	0	0	0	8	7	143	158	
30-34	0	11	8	1	1	64	85	
35-39	0	108	77	6	5	105	301	
40-44	1	380	198	12	11	162	764	
45-49	0	843	274	37	3	250	1,407	
50-54	1,588	1,558	294	89	3	414	3,946	
55-59	6,417	1,705	253	171	8	692	9,246	
60-64	12,332	1,652	270	216	9	1,029	15,508	
65-69	15,939	1,247	197	246	5	1,569	19,203	
70-74	16,265	968	128	275	5	2,459	20,100	
75-79	15,254	924	82	296	3	3,715	20,274	
80-84	11,778	659	34	191	7	4,044	16,713	
85 and Over	8,986	379	11	104	7	4,544	14,031	
Total Retirees	88,560	10,434	1,826	1,652	74	19,190	121,736	

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Miscellaneous Tier 1

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$0	\$0	\$55,817	\$20,465	\$759,371	\$835,653
30-34	0	59,002	1,938	0	33	507,907	568,880
35-39	0	767,032	95,030	76,181	50,827	804,300	1,793,370
40-44	7,734	3,162,733	289,594	268,870	84,616	1,468,928	5,282,475
45-49	0	8,506,004	445,973	535,022	755	2,830,394	12,318,148
50-54	15,699,425	17,959,792	348,117	1,350,262	72,272	4,551,112	39,980,980
55-59	110,898,022	20,778,753	674,255	3,140,249	1,360	9,308,099	144,800,738
60-64	288,679,821	21,330,739	817,583	4,019,783	11,602	18,092,691	332,952,219
65-69	392,838,709	14,885,588	446,621	4,742,105	3,583	28,261,542	441,178,148
70-74	385,162,289	10,038,311	328,014	5,058,604	4,156	41,645,157	442,236,531
75-79	311,713,560	8,802,547	167,531	5,327,499	1,255	54,278,151	380,290,543
80-84	195,856,901	5,402,128	45,653	3,006,407	5,454	45,938,134	250,254,677
85 and Over	106,997,042	2,753,024	23,103	1,286,406	50,857	38,669,123	149,779,555
Total Benefits	\$1,807,853,503	\$114,445,653	\$3,683,412	\$28,867,205	\$307,235	\$247,114,909	\$2,202,271,917

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

State Miscellaneous Tier 1

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	21,516	2,431	440	257	5	529	25,178	
5-9	17,152	2,526	452	281	18	1,285	21,714	
10-14	17,918	1,774	440	313	9	2,454	22,908	
15-19	14,660	1,263	227	332	13	3,837	20,332	
20-24	10,259	1,192	167	305	6	4,443	16,372	
25-29	5,317	811	70	108	9	3,968	10,283	
30 and Over	1,738	437	30	56	14	2,674	4,949	
Total Retirees	88,560	10,434	1,826	1,652	74	19,190	121,736	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Miscellaneous Tier 1

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$564,351,992	\$30,676,382	\$1,550,469	\$4,707,298	\$395	\$9,133,945	\$610,420,481
5-9	381,505,174	31,142,562	956,149	5,877,237	231,192	24,962,330	444,674,644
10-14	424,846,549	21,272,997	810,377	6,601,930	3,698	54,185,052	507,720,603
15-19	251,725,597	12,806,139	192,953	6,195,264	10,380	65,464,317	336,394,650
20-24	123,307,241	10,080,246	118,959	4,121,713	1,117	45,355,959	182,985,235
25-29	48,710,872	5,774,993	44,873	938,804	8,138	29,627,907	85,105,587
30 and Over	13,406,078	2,692,334	9,632	424,959	52,315	18,385,399	34,970,717
Total Benefits	\$1,807,853,503	\$114,445,653	\$3,683,412	\$28,867,205	\$307,235	\$247,114,909	\$2,202,271,917

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

State Miscellaneous Tier 2

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case	
		Non-industrial	Industrial	Non-industrial	Industrial		
29-33	0	0	0	4	0	22	26
30-34	0	3	2	0	0	10	15
35-39	0	17	7	0	0	13	37
40-44	0	94	7	5	0	25	131
45-49	0	217	11	1	0	35	264
50-54	119	338	7	7	2	39	512
55-59	338	303	14	7	0	61	723
60-64	396	192	4	10	0	38	640
65-69	497	96	2	8	0	26	629
70-74	324	36	1	1	0	22	384
75-79	118	4	0	3	0	23	148
80-84	40	2	0	1	0	4	47
85 and Over	5	0	0	0	0	1	6
Total Retirees	1,837	1,302	55	47	2	319	3,562

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Miscellaneous Tier 2

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$0	\$0	\$27,847	\$0	\$105,456	\$133,303
30-34	0	35,719	38,161	0	0	45,015	118,895
35-39	0	147,962	122,347	0	0	111,257	381,566
40-44	0	832,067	135,729	39,751	0	234,846	1,242,393
45-49	0	2,350,884	131,823	7,426	0	303,305	2,793,438
50-54	393,093	3,836,094	116,615	67,455	41,102	402,969	4,857,328
55-59	1,441,511	3,334,422	173,313	89,470	0	656,761	5,695,477
60-64	2,470,493	2,282,188	30,980	81,929	0	314,878	5,180,468
65-69	3,616,415	1,045,469	36,380	92,063	0	309,330	5,099,657
70-74	3,092,966	394,348	23,409	13,324	0	194,152	3,718,199
75-79	1,006,060	48,231	0	82,411	0	183,464	1,320,166
80-84	314,754	4,208	0	13,612	0	29,706	362,280
85 and Over	44,843	0	0	0	0	16,918	61,761
Total Benefits	\$12,380,135	\$14,311,592	\$808,757	\$515,288	\$41,102	\$2,908,057	\$30,964,931

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

State Miscellaneous Tier 2

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	743	484	23	17	0	81	1,348	
5-9	749	478	21	16	2	121	1,387	
10-14	270	262	11	8	0	87	638	
15-19	75	78	0	6	0	30	189	
20-24	0	0	0	0	0	0	0	
25-29	0	0	0	0	0	0	0	
30 and Over	0	0	0	0	0	0	0	
Total Retirees	1,837	1,302	55	47	2	319	3,562	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Miscellaneous Tier 2

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$3,696,719	\$4,575,415	\$269,138	\$136,540	\$0	\$613,646	\$9,291,458
5-9	6,110,298	5,732,436	336,274	241,171	41,102	1,249,102	13,710,383
10-14	2,104,518	3,198,898	203,345	81,483	0	829,632	6,417,876
15-19	468,600	804,843	0	56,094	0	215,677	1,545,214
20-24	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0
30 and Over	0	0	0	0	0	0	0
Total Benefits	\$12,380,135	\$14,311,592	\$808,757	\$515,288	\$41,102	\$2,908,057	\$30,964,931

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

State Industrial

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case	
		Non-industrial	Industrial	Non-industrial	Industrial		
29-33	0	0	0	0	0	16	16
30-34	0	6	3	0	0	2	11
35-39	0	18	5	0	0	7	30
40-44	0	59	32	2	0	9	102
45-49	0	97	46	2	0	15	160
50-54	129	141	45	5	0	21	341
55-59	539	158	39	7	1	25	769
60-64	640	119	29	11	2	38	839
65-69	681	85	31	7	3	41	848
70-74	602	56	19	8	4	72	761
75-79	452	38	11	7	11	112	631
80-84	314	19	18	1	2	132	486
85 and Over	160	6	6	3	3	83	261
Total Retirees	3,517	802	284	53	26	573	5,255

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Industrial

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$0	\$0	\$0	\$0	\$16,935	\$16,935
30-34	0	20,512	34,436	0	0	8,885	63,833
35-39	0	108,041	46,575	0	0	22,449	177,065
40-44	0	355,876	48,910	1,145	0	54,064	459,995
45-49	0	562,779	194,282	29,617	0	107,256	893,934
50-54	616,840	877,353	153,080	14,383	0	88,272	1,749,928
55-59	4,258,334	1,053,086	201,474	60,999	9,308	72,806	5,656,007
60-64	6,316,180	806,741	77,004	122,530	1,197	233,312	7,556,964
65-69	7,136,543	701,033	176,404	60,359	41,966	423,726	8,540,031
70-74	7,280,354	548,167	153,015	73,588	53,182	626,091	8,734,397
75-79	6,097,280	337,174	156,010	130,792	200,552	1,087,344	8,009,152
80-84	4,727,195	189,191	325,190	37,715	29,134	1,262,978	6,571,403
85 and Over	1,946,963	71,138	107,747	74,318	40,069	726,241	2,966,476
Total Benefits	\$38,379,689	\$5,631,091	\$1,674,127	\$605,446	\$375,408	\$4,730,359	\$51,396,120

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

State Industrial

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	1,332	324	91	11	0	28	1,786	
5-9	828	215	74	17	1	73	1,208	
10-14	582	157	47	15	0	95	896	
15-19	421	55	29	4	2	97	608	
20-24	278	37	15	5	3	144	482	
25-29	76	14	14	1	7	96	208	
30 and Over	0	0	14	0	13	40	67	
Total Retirees	3,517	802	284	53	26	573	5,255	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Industrial

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$14,501,063	\$2,312,849	\$413,231	\$101,520	\$0	\$138,438	\$17,467,101
5-9	7,772,229	1,408,979	322,686	172,656	59	527,089	10,203,698
10-14	7,138,740	1,076,149	236,921	197,985	0	794,799	9,444,594
15-19	5,226,005	411,477	193,019	25,452	2,392	1,189,586	7,047,931
20-24	3,118,312	326,635	140,578	80,016	100,400	1,164,644	4,930,585
25-29	623,340	95,002	193,342	27,817	117,100	660,156	1,716,757
30 and Over	0	0	174,350	0	155,457	255,647	585,454
Total Benefits	\$38,379,689	\$5,631,091	\$1,674,127	\$605,446	\$375,408	\$4,730,359	\$51,396,120

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

State Safety

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case	
		Non-industrial	Industrial	Non-industrial	Industrial		
29-33	0	0	0	2	0	21	23
30-34	0	2	8	0	0	5	15
35-39	0	7	44	0	0	6	57
40-44	0	20	117	0	3	11	151
45-49	0	36	270	7	7	32	352
50-54	216	77	491	10	8	41	843
55-59	735	91	546	14	13	91	1,490
60-64	913	72	423	14	13	116	1,551
65-69	896	44	340	15	18	161	1,474
70-74	782	39	294	9	21	302	1,447
75-79	657	38	227	15	17	359	1,313
80-84	484	17	126	6	14	325	972
85 and Over	218	10	29	3	11	237	508
Total Retirees	4,901	453	2,915	95	125	1,707	10,196

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Safety

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$0	\$0	\$7,894	\$0	\$135,477	\$143,371
30-34	0	7,465	140,509	0	0	11,063	159,037
35-39	0	32,040	795,918	0	0	31,048	859,006
40-44	0	78,825	1,813,176	0	23,020	70,753	1,985,774
45-49	0	176,433	4,505,251	89,568	115,555	315,239	5,202,046
50-54	1,395,725	421,199	7,810,765	76,650	108,651	373,328	10,186,318
55-59	7,578,177	557,072	8,778,819	121,447	234,584	843,755	18,113,854
60-64	10,397,601	604,599	7,211,096	210,344	253,165	1,060,084	19,736,889
65-69	9,750,197	277,324	6,266,424	268,304	312,095	1,597,860	18,472,204
70-74	8,895,300	402,081	5,184,363	111,440	332,374	3,254,839	18,180,397
75-79	9,941,951	325,408	4,104,527	165,480	262,011	3,406,825	18,206,202
80-84	6,632,546	142,350	2,081,091	74,022	207,033	2,869,350	12,006,392
85 and Over	3,083,053	157,515	425,346	18,544	146,439	1,949,940	5,780,837
Total Benefits	\$57,674,550	\$3,182,311	\$49,117,285	\$1,143,693	\$1,994,927	\$15,919,561	\$129,032,327

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

State Safety

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	1,979	184	609	20	8	68	2,868	
5-9	942	109	445	26	2	110	1,634	
10-14	534	57	403	16	9	116	1,135	
15-19	500	18	475	10	14	242	1,259	
20-24	633	50	676	16	39	554	1,968	
25-29	263	30	251	6	35	429	1,014	
30 and Over	50	5	56	1	18	188	318	
Total Retirees	4,901	453	2,915	95	125	1,707	10,196	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Safety

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$22,698,573	\$1,381,542	\$11,162,015	\$167,896	\$128,425	\$646,007	\$36,184,458
5-9	8,810,051	691,561	7,860,579	326,329	52,725	860,669	18,601,914
10-14	5,515,061	275,879	6,787,363	227,984	162,999	1,239,980	14,209,266
15-19	6,979,799	106,258	8,191,484	120,499	258,252	3,101,722	18,758,014
20-24	9,800,341	469,207	11,122,337	256,243	662,692	5,676,276	27,987,096
25-29	3,295,106	238,122	3,336,377	38,559	500,635	3,068,008	10,476,807
30 and Over	575,619	19,742	657,130	6,183	229,199	1,326,899	2,814,772
Total Benefits	\$57,674,550	\$3,182,311	\$49,117,285	\$1,143,693	\$1,994,927	\$15,919,561	\$129,032,327

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

State Peace Officers and Firefighters

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case	
		Non-industrial	Industrial	Non-industrial	Industrial		
29-33	0	0	19	1	6	27	53
30-34	0	4	133	0	1	7	145
35-39	0	19	400	0	8	10	437
40-44	0	35	819	3	8	20	885
45-49	0	55	871	9	11	43	989
50-54	533	60	946	16	18	62	1,635
55-59	1,699	70	890	24	14	81	2,778
60-64	1,619	37	531	12	9	101	2,309
65-69	1,109	28	284	15	6	131	1,573
70-74	757	19	150	3	5	104	1,038
75-79	346	8	57	2	0	65	478
80-84	63	2	13	0	0	18	96
85 and Over	2	0	0	0	0	0	2
Total Retirees	6,128	337	5,113	85	86	669	12,418

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Peace Officers and Firefighters

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$0	\$410,202	\$8,175	\$114,727	\$273,816	\$806,920
30-34	0	16,071	2,968,726	0	28,929	82,195	3,095,921
35-39	0	194,966	9,544,135	0	207,423	121,564	10,068,088
40-44	0	384,020	19,805,657	65,547	166,780	292,806	20,714,810
45-49	0	683,633	20,991,450	197,056	282,852	853,582	23,008,573
50-54	18,552,928	902,516	24,934,437	457,313	498,435	1,384,364	46,729,993
55-59	69,376,167	1,407,901	26,178,580	778,266	395,210	1,912,516	100,048,640
60-64	58,377,165	786,768	15,817,378	296,311	206,249	2,787,714	78,271,585
65-69	37,274,055	628,239	8,391,454	352,192	189,436	3,383,753	50,219,129
70-74	22,904,673	382,634	4,118,632	76,954	157,007	2,593,087	30,232,987
75-79	9,519,663	162,761	1,452,262	56,457	0	1,565,150	12,756,293
80-84	1,610,615	24,859	296,731	0	0	367,666	2,299,871
85 and Over	19,981	0	0	0	0	0	19,981
Total Benefits	\$217,635,247	\$5,574,368	\$134,909,644	\$2,288,271	\$2,247,048	\$15,618,213	\$378,272,791

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

State Peace Officers and Firefighters

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	2,780	158	1,840	31	19	53	4,881	
5-9	1,503	106	1,485	30	24	127	3,275	
10-14	1,042	51	1,226	20	18	219	2,576	
15-19	803	21	560	4	25	267	1,680	
20-24	0	0	2	0	0	2	4	
25-29	0	1	0	0	0	1	2	
30 and Over	0	0	0	0	0	0	0	
Total Retirees	6,128	337	5,113	85	86	669	12,418	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

State Peace Officers and Firefighters

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$108,059,937	\$2,740,172	\$51,734,006	\$832,286	\$491,067	\$1,271,637	\$165,129,105
5-9	49,564,688	1,692,616	40,770,592	872,213	692,447	3,048,085	96,640,641
10-14	36,963,743	765,441	30,482,964	448,308	542,736	5,546,286	74,749,478
15-19	23,046,879	375,702	11,921,905	135,464	520,798	5,732,653	41,733,401
20-24	0	0	177	0	0	11,908	12,085
25-29	0	437	0	0	0	7,644	8,081
30 and Over	0	0	0	0	0	0	0
Total Benefits	\$217,635,247	\$5,574,368	\$134,909,644	\$2,288,271	\$2,247,048	\$15,618,213	\$378,272,791

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

California Highway Patrol

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case	
		Non-industrial	Industrial	Non-industrial	Industrial		
29-33	0	0	0	0	11	8	19
30-34	0	0	8	0	1	4	13
35-39	0	2	71	0	4	3	80
40-44	0	4	176	1	14	7	202
45-49	0	4	194	2	6	9	215
50-54	84	4	241	2	10	36	377
55-59	442	3	713	6	19	61	1,244
60-64	504	11	829	5	17	82	1,448
65-69	270	8	536	2	13	114	943
70-74	188	6	335	5	5	114	653
75-79	171	2	188	1	8	131	501
80-84	104	1	64	4	7	123	303
85 and Over	69	0	21	0	5	126	221
Total Retirees	1,832	45	3,376	28	120	818	6,219

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

California Highway Patrol

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$0	\$0	\$0	\$126,826	\$48,596	\$175,422
30-34	0	0	231,886	0	43,351	5,896	281,133
35-39	0	10,831	1,742,362	0	134,079	72,628	1,959,900
40-44	0	60,632	4,598,789	49,342	504,012	148,222	5,360,997
45-49	0	52,194	4,779,958	61,955	227,211	220,660	5,341,978
50-54	4,032,427	33,485	6,909,755	93,141	218,945	714,538	12,002,291
55-59	20,598,956	24,505	26,135,028	244,325	299,642	1,142,101	48,444,557
60-64	18,786,148	110,727	26,340,718	141,906	346,475	1,448,793	47,174,767
65-69	8,586,804	168,375	15,488,692	68,452	189,627	2,243,459	26,745,409
70-74	5,253,017	90,999	9,076,721	82,158	67,182	1,737,774	16,307,851
75-79	4,242,994	53,839	4,281,459	32,682	117,814	1,644,619	10,373,407
80-84	2,167,115	896	1,257,763	62,244	95,003	1,265,611	4,848,632
85 and Over	1,330,234	0	409,407	0	67,295	1,240,675	3,047,611
Total Benefits	\$64,997,695	\$606,483	\$101,252,538	\$836,205	\$2,437,462	\$11,933,572	\$182,063,955

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

California Highway Patrol

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	577	6	602	6	9	19	1,219	
5-9	480	10	654	6	18	32	1,200	
10-14	232	8	619	3	9	67	938	
15-19	179	6	534	4	14	106	843	
20-24	191	5	510	5	19	151	881	
25-29	113	8	243	3	14	157	538	
30 and Over	60	2	214	1	37	286	600	
Total Retirees	1,832	45	3,376	28	120	818	6,219	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

California Highway Patrol

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$26,254,219	\$84,710	\$28,843,899	\$294,416	\$225,527	\$407,572	\$56,110,343
5-9	18,105,537	180,692	24,076,946	205,896	570,682	1,003,697	44,143,450
10-14	7,519,398	90,350	18,958,614	84,122	258,019	1,737,152	28,647,655
15-19	5,230,860	125,423	13,380,769	96,604	339,543	2,470,961	21,644,160
20-24	4,510,957	56,916	9,567,443	95,647	360,362	2,214,386	16,805,711
25-29	2,233,070	55,260	3,606,476	55,475	198,355	1,597,517	7,746,153
30 and Over	1,143,654	13,132	2,818,391	4,045	484,974	2,502,287	6,966,483
Total Benefits	\$64,997,695	\$606,483	\$101,252,538	\$836,205	\$2,437,462	\$11,933,572	\$182,063,955

Number of Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Schools

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement Case	
		Non-industrial	Industrial	Non-industrial	Industrial		
29-33	0	2	1	2	0	109	114
30-34	0	16	1	1	0	56	74
35-39	0	70	13	0	1	96	180
40-44	0	278	46	3	1	160	488
45-49	0	712	56	3	1	201	973
50-54	1,337	1,298	97	17	1	355	3,105
55-59	6,771	1,891	106	45	3	571	9,387
60-64	14,193	2,056	62	46	3	854	17,214
65-69	21,178	1,598	34	53	3	1,458	24,324
70-74	20,997	1,264	31	60	1	2,369	24,722
75-79	18,867	1,030	10	40	0	3,593	23,540
80-84	13,744	749	7	39	0	3,811	18,350
85 and Over	9,576	347	3	19	1	3,994	13,940
Total Retirees	106,663	11,311	467	328	15	17,627	136,411

Annual Allowance Amounts for

Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

Schools

Retiree Age	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 30	\$0	\$4,768	\$7	\$11,572	\$0	\$371,905	\$388,252
30-34	0	72,228	297	5,040	0	240,613	318,178
35-39	0	426,380	2,495	0	415	450,671	879,961
40-44	0	1,840,516	20,275	11,110	147	795,960	2,668,008
45-49	0	5,506,382	23,081	7,955	2,247	1,156,781	6,696,446
50-54	7,263,385	10,827,454	97,307	96,922	16	2,023,045	20,308,129
55-59	65,500,502	16,062,970	107,431	245,043	3,558	4,120,071	86,039,575
60-64	157,453,533	16,537,790	62,285	232,099	1,518	7,250,384	181,537,609
65-69	228,830,123	11,718,262	64,493	279,739	416	11,503,405	252,396,438
70-74	206,681,009	8,328,834	91,285	352,098	190	18,120,863	233,574,279
75-79	161,410,703	5,624,821	10,295	188,855	0	22,789,485	190,024,159
80-84	100,712,577	3,358,909	13,687	160,202	0	19,280,990	123,526,365
85 and Over	56,302,917	1,367,230	583	70,313	663	14,865,070	72,606,776
Total Benefits	\$984,154,749	\$81,676,544	\$493,521	\$1,660,948	\$9,170	\$102,969,243	\$1,170,964,175

Number of Retirees and Beneficiaries

By Years Retired and Retirement Type

As of June 30, 2002

Schools

Years Retired	Type of Retirement Benefit							Total
	Service Retiree	Disability Retiree		Death In Service		Death After Svc Retirement		
		Non-industrial	Industrial	Non-industrial	Industrial			
Under 5 Yrs	26,619	2,750	133	95	0	661	30,258	
5-9	24,638	2,993	113	64	1	1,558	29,367	
10-14	20,635	2,061	91	63	4	2,595	25,449	
15-19	16,450	1,161	58	41	5	3,787	21,502	
20-24	11,469	1,225	51	31	4	4,108	16,888	
25-29	5,497	898	14	24	1	3,331	9,765	
30 and Over	1,355	223	7	10	0	1,587	3,182	
Total Retirees	106,663	11,311	467	328	15	17,627	136,411	

Annual Allowance Amounts for Retirees and Beneficiaries

By Age and Retirement Type

As of June 30, 2002

Annual Amounts not Including PPPA Payments

Schools

Years Retired	Type of Retirement Benefit						Total
	Service Retiree	Disability Retiree		Death In Service		Death After Retirement	
		Non-industrial	Industrial	Non-industrial	Industrial		
Under 5 Yrs	\$327,491,205	\$24,212,144	\$158,915	\$542,275	\$0	\$5,438,595	\$357,843,134
5-9	243,671,602	24,269,159	177,135	302,247	2,630	12,983,005	281,405,778
10-14	194,758,295	15,698,268	73,614	381,281	3,692	21,754,331	232,669,481
15-19	122,801,144	7,255,175	40,711	193,366	1,898	27,151,901	157,444,195
20-24	64,885,088	5,914,842	26,951	126,659	287	19,224,498	90,178,325
25-29	24,477,360	3,531,544	15,270	78,715	663	11,274,774	39,378,326
30 and Over	6,070,055	795,412	925	36,405	0	5,142,139	12,044,936
Total Benefits	\$984,154,749	\$81,676,544	\$493,521	\$1,660,948	\$9,170	\$102,969,243	\$1,170,964,175

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****State Miscellaneous Tier 1**

Year Retired	Total Retirees	Total Benefits	Average Benefits
2002	2,220	\$ 52,323,878	\$ 23,569
2001	6,239	170,360,779	27,306
2000	8,734	235,217,304	26,931
1999	3,218	56,273,551	17,487
1998	4,767	96,244,969	20,190
1997	4,827	100,430,835	20,806
1996	4,618	97,936,931	21,208
1995	4,397	93,306,583	21,221
1994	4,441	94,122,910	21,194
1993	3,431	58,877,385	17,160
1992	5,490	125,477,723	22,856
1991	6,452	170,322,514	26,398
1990	3,636	73,555,403	20,230
1989	3,466	61,775,960	17,823
1988	3,864	76,589,003	19,821
1987	4,462	83,796,091	18,780
1986	3,702	64,904,821	17,532
1985	3,962	61,342,668	15,483
1984	3,455	49,832,814	14,423
1983	4,751	76,518,256	16,106
1982	3,493	49,618,978	14,205
1981	3,494	39,510,354	11,308
1980	3,673	40,514,043	11,030
1979	2,816	26,840,016	9,531
1978	2,896	26,501,844	9,151
1977	2,703	24,141,383	8,931
1976	2,525	20,465,023	8,105
1975	2,023	17,079,768	8,443
1974	1,668	13,460,117	8,070
1973	1,364	9,959,296	7,302
1972 & Earlier	4,949	34,970,717	7,066
Totals	121,736	\$ 2,202,271,917	\$ 18,091

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****State Miscellaneous Tier 2**

<u>Year Retired</u>	<u>Total Retirees</u>	<u>Total Benefits</u>	<u>Average Benefits</u>
2002	75	\$ 397,473	\$ 5,300
2001	231	1,115,120	4,827
2000	303	1,930,406	6,371
1999	329	2,438,116	7,411
1998	418	3,410,343	8,159
1997	403	3,745,860	9,295
1996	334	3,083,081	9,231
1995	275	2,909,582	10,580
1994	197	2,150,169	10,915
1993	170	1,821,691	10,716
1992	159	1,563,193	9,831
1991	167	1,797,255	10,762
1990	93	892,492	9,597
1989	112	1,144,441	10,218
1988	107	1,020,495	9,537
1987	79	653,024	8,266
1986	65	552,944	8,507
1985	45	339,246	7,539
1984	0	0	0
1983	0	0	0
1982	0	0	0
1981	0	0	0
1980	0	0	0
1979	0	0	0
1978	0	0	0
1977	0	0	0
1976	0	0	0
1975	0	0	0
1974	0	0	0
1973	0	0	0
1972 & Earlier	0	0	0
Totals	3,562	\$ 30,964,931	\$ 8,693

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****State Industrial**

Year Retired	Total Retirees	Total Benefits	Average Benefits
2002	197	\$ 1,811,057	\$ 9,193
2001	450	4,941,089	10,980
2000	607	6,541,733	10,777
1999	213	1,693,849	7,952
1998	329	2,479,373	7,536
1997	309	2,617,176	8,470
1996	261	2,085,102	7,989
1995	241	2,072,415	8,599
1994	219	1,927,252	8,800
1993	178	1,501,753	8,437
1992	236	2,725,359	11,548
1991	233	3,026,679	12,990
1990	144	1,166,441	8,100
1989	161	1,420,658	8,824
1988	112	1,105,457	9,870
1987	137	1,654,031	12,073
1986	92	1,151,694	12,518
1985	129	1,474,834	11,433
1984	106	1,125,679	10,620
1983	144	1,641,693	11,401
1982	119	1,471,324	12,364
1981	106	1,016,248	9,587
1980	98	879,180	8,971
1979	83	877,820	10,576
1978	76	686,013	9,026
1977	58	467,397	8,059
1976	86	695,743	8,090
1975	52	384,625	7,397
1974	4	61,598	15,400
1973	8	107,394	13,424
1972 & Earlier	67	585,454	8,738
Totals	5,255	\$ 51,396,120	\$ 9,780

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****State Safety**

Year Retired	Total Retirees	Total Benefits	Average Benefits
2002	289	\$ 3,519,020	\$ 12,177
2001	727	9,910,764	13,632
2000	948	13,131,765	13,852
1999	429	4,642,025	10,821
1998	475	4,980,884	10,486
1997	418	5,018,291	12,005
1996	364	4,167,718	11,450
1995	312	3,309,189	10,606
1994	326	3,453,099	10,592
1993	214	2,653,617	12,400
1992	304	4,064,307	13,369
1991	292	3,480,275	11,919
1990	190	2,267,606	11,935
1989	206	2,592,344	12,584
1988	143	1,804,734	12,621
1987	180	2,387,973	13,267
1986	136	1,810,360	13,311
1985	191	2,526,226	13,226
1984	274	3,967,894	14,481
1983	478	8,065,561	16,874
1982	412	6,579,088	15,969
1981	434	6,257,997	14,419
1980	410	6,053,314	14,764
1979	371	4,774,983	12,871
1978	341	4,321,714	12,674
1977	300	3,199,410	10,665
1976	251	2,686,684	10,704
1975	179	1,937,870	10,826
1974	167	1,550,699	9,286
1973	117	1,102,144	9,420
1972 & Earlier	318	2,814,772	8,851
Totals	10,196	\$ 129,032,327	\$ 12,655

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****State Peace Officers and Firefighters**

Year Retired	Total Retirees	Total Benefits	Average Benefits
2002	524	\$ 18,474,646	\$ 35,257
2001	1,234	44,317,067	35,913
2000	1,763	66,943,716	37,971
1999	622	15,866,879	25,509
1998	738	19,526,797	26,459
1997	785	22,634,180	28,833
1996	719	22,211,598	30,892
1995	647	19,935,375	30,812
1994	578	16,099,906	27,855
1993	546	15,759,582	28,864
1992	685	21,375,452	31,205
1991	675	22,668,536	33,583
1990	373	9,298,246	24,928
1989	428	10,711,351	25,027
1988	415	10,695,893	25,773
1987	547	14,371,094	26,273
1986	449	10,773,261	23,994
1985	370	8,502,907	22,981
1984	314	8,086,139	25,752
1983	0	0	0
1982	0	0	0
1981	1	60	60
1980	1	117	117
1979	1	7,115	7,115
1978	1	4,793	4,793
1977	1	437	437
1976	0	0	0
1975	1	7,644	7,644
1974	0	0	0
1973	0	0	0
1972 & Earlier	0	0	0
Totals	12,418	\$ 378,272,791	\$ 30,462

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****California Highway Patrol**

Year Retired	Total Retirees	Total Benefits	Average Benefits
2002	125	\$ 6,529,888	\$ 52,239
2001	303	15,754,631	51,995
2000	448	21,022,300	46,925
1999	149	5,487,951	36,832
1998	194	7,315,573	37,709
1997	242	9,169,549	37,891
1996	272	11,142,724	40,966
1995	245	9,057,115	36,968
1994	191	6,356,200	33,279
1993	250	8,417,862	33,671
1992	196	5,910,923	30,158
1991	216	7,184,656	33,262
1990	146	4,260,000	29,178
1989	185	5,366,890	29,010
1988	195	5,925,186	30,386
1987	158	4,366,630	27,637
1986	185	4,937,706	26,690
1985	158	4,041,110	25,577
1984	157	4,087,738	26,037
1983	185	4,210,976	22,762
1982	206	4,485,246	21,773
1981	210	4,157,125	19,796
1980	155	2,787,997	17,987
1979	154	2,639,826	17,142
1978	156	2,735,517	17,535
1977	144	2,346,782	16,297
1976	105	1,565,048	14,905
1975	101	1,382,355	13,687
1974	94	1,275,209	13,566
1973	94	1,176,759	12,519
1972 & Earlier	600	6,966,483	11,611
Totals	6,219	\$ 182,063,955	\$ 29,275

Retirees and Beneficiaries**Number Counts and Benefits****By Year of Retirement****As of June 30, 2002****Schools**

Year Retired	Total Retirees	Total Benefits	Average Benefits
2002	2,877	\$ 37,152,781	\$ 12,914
2001	6,876	92,005,233	13,381
2000	8,971	115,672,044	12,894
1999	5,267	50,740,740	9,634
1998	6,267	62,272,336	9,937
1997	5,936	55,629,112	9,371
1996	5,818	54,427,977	9,355
1995	6,091	57,426,888	9,428
1994	5,707	54,869,653	9,614
1993	5,815	59,052,148	10,155
1992	5,695	56,435,968	9,910
1991	5,500	53,226,623	9,678
1990	4,839	42,928,904	8,871
1989	4,800	41,323,381	8,609
1988	4,615	38,754,605	8,398
1987	4,375	34,217,112	7,821
1986	4,163	30,797,964	7,398
1985	3,847	25,239,435	6,561
1984	3,230	19,612,286	6,072
1983	5,887	47,577,398	8,082
1982	3,436	22,826,556	6,643
1981	3,601	19,915,517	5,531
1980	3,416	17,994,363	5,268
1979	3,251	15,057,523	4,632
1978	3,184	14,384,366	4,518
1977	2,775	11,960,792	4,310
1976	2,607	10,422,560	3,998
1975	1,734	6,788,054	3,915
1974	1,376	5,220,580	3,794
1973	1,273	4,986,340	3,917
1972 & Earlier	3,182	12,044,936	3,785
Totals	136,411	\$ 1,170,964,175	\$ 8,584