

# SECTION 5

## STATISTICAL SECTION

STATISTICAL SECTION

*Caring For Your Future...*

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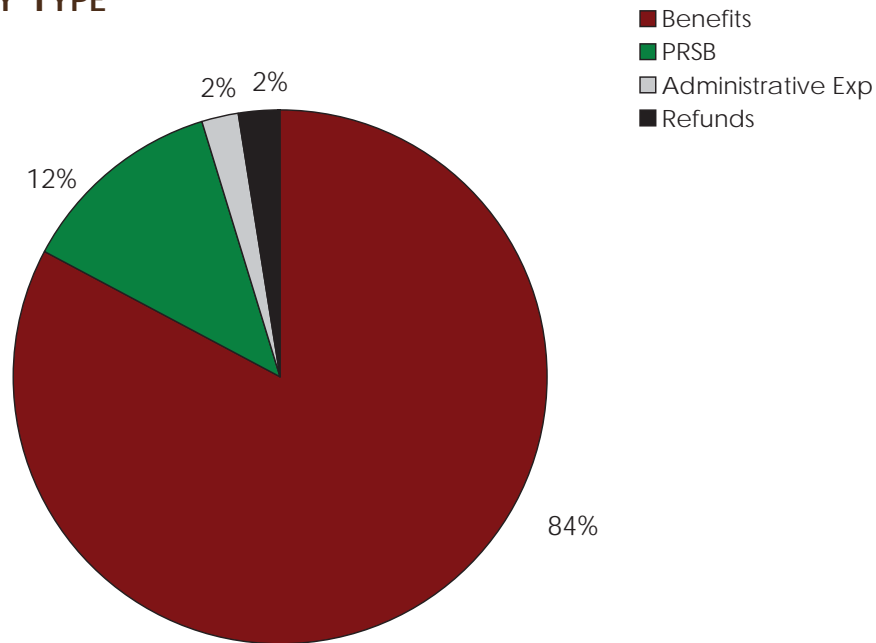




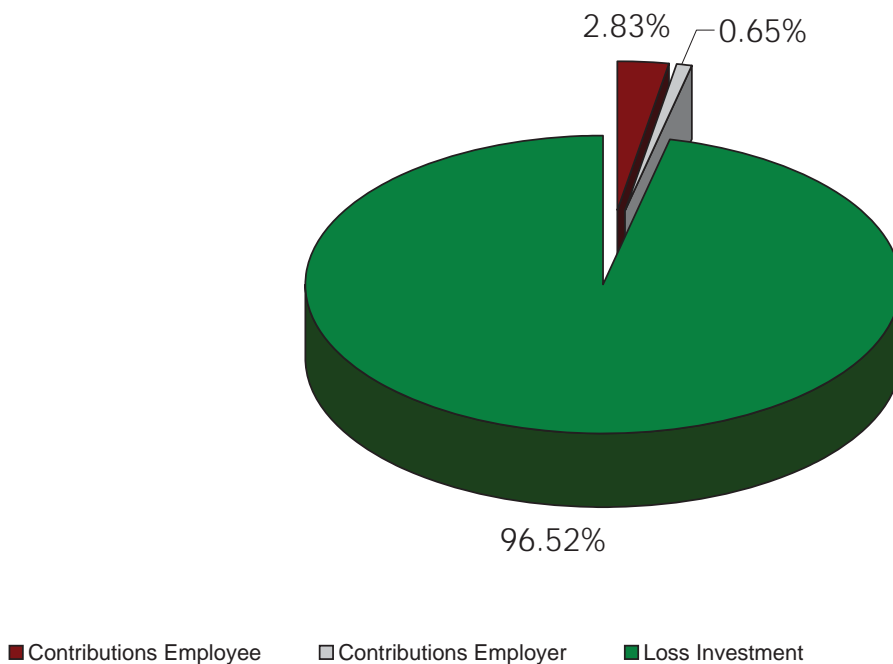
This section provides additional historical perspective, context, and detail in order to provide a more comprehensive understanding of this year's financial statements, note disclosures, and supplementary information which covers the benefits provided by the City of Fresno Fire and Police Retirement System. This section also provides multi-year trend of financial and

operation information to facilitate comprehensive understanding of how the organization's financial position and performance has changed over time. More specifically, the financial and operating information provides contextual data for the System's net assets, benefits, refunds, contribution rates and different types of retirement benefits. The financial and operating trend information is located on the following pages.

### FY 2009 EXPENSES BY TYPE



### FY 2009 REVENUES BY SOURCE



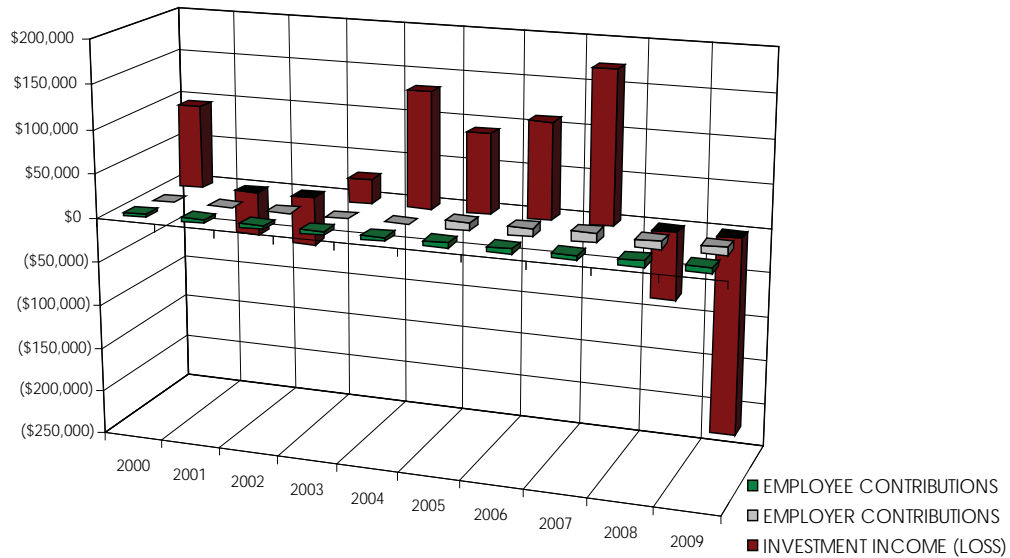
## CHANGES IN PLAN NET ASSETS LAST TEN FISCAL YEARS

(DOLLARS IN MILLIONS)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Revenues</b>										
Employer Contributions	\$ -	\$ -	\$ -	\$ -	\$0.7	\$8.8	\$8.9	\$10.8	\$8.8	\$8.9
Member Contributions	3.4	3.8	3.8	4.1	4.4	4.9	5.3	5.4	6.8	7.2
Net Investment Income (Loss)	96.3	(49.6)	(55.2)	27.8	134.3	91.8	110.4	173.5	(76.4)	(223.1)
<b>Total Revenues</b>	<b>\$99.7</b>	<b>\$(45.8)</b>	<b>\$(51.4)</b>	<b>\$31.9</b>	<b>\$139.4</b>	<b>\$105.5</b>	<b>\$124.6</b>	<b>\$189.7</b>	<b>\$(60.8)</b>	<b>\$(207.0)</b>
<b>Expenses</b>										
Benefit Expense	\$22.0	\$23.2	\$25.3	\$28.6	\$30.1	\$32.6	\$34.2	\$36.8	\$39.5	\$43.2
Administrative Expense	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0
Post Retirement Supplement Benefit	3.7	5.3	5.8	5.1	5.2	3.9	2.5	2.9	3.5	3.8
Refunds	0.2	0.3	0.2	0.1	0.2	0.4	0.4	0.5	0.6	0.3
<b>Total Deductions</b>	<b>26.4</b>	<b>29.3</b>	<b>31.8</b>	<b>34.4</b>	<b>36.1</b>	<b>37.6</b>	<b>37.9</b>	<b>41.1</b>	<b>44.5</b>	<b>48.3</b>
<b>Change in Plan Net Assets</b>	<b>\$73.3</b>	<b>\$(75.1)</b>	<b>\$(83.2)</b>	<b>\$(2.5)</b>	<b>\$103.3</b>	<b>\$67.9</b>	<b>\$86.7</b>	<b>\$148.6</b>	<b>\$(105.3)</b>	<b>\$(255.3)</b>

## FY 2009 REVENUES BY SOURCE

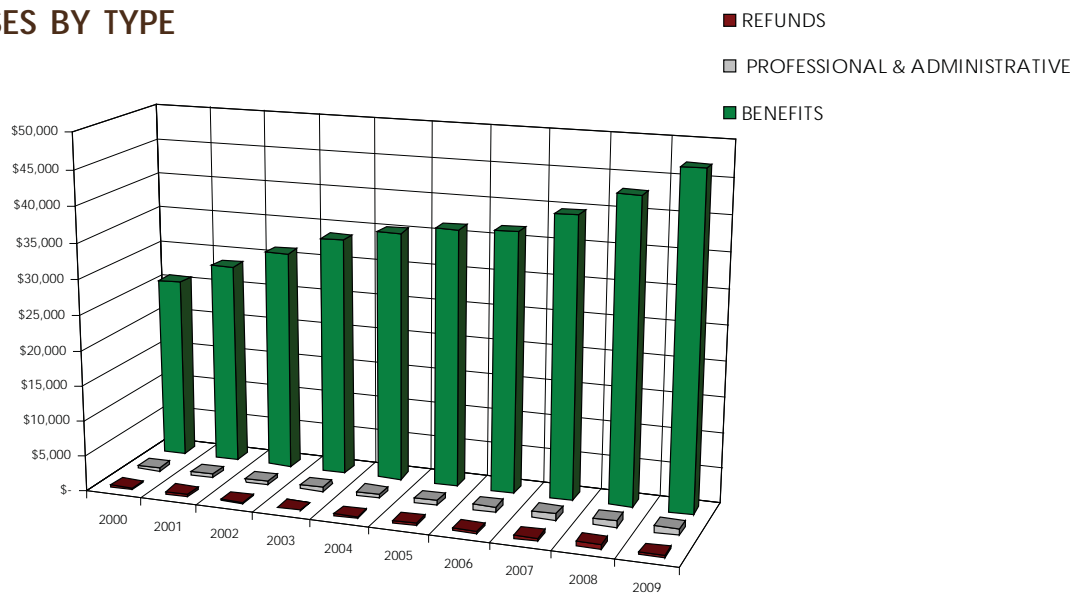
(IN THOUSANDS)



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
EMPLOYEE CONTRIBUTIONS	\$ 3,429	\$ 3,780	\$ 3,848	\$ 4,081	\$ 4,409	\$ 4,963	\$ 5,336	\$ 5,394	\$ 6,788	\$ 7,172
EMPLOYER CONTRIBUTIONS	-	-	-	-	728	8,806	8,886	10,807	8,766	8,938
INVESTMENT INCOME (LOSS)	96,269	(49,576)	(55,177)	27,759	134,287	91,761	110,413	173,484	(76,357)	(223,122)
<b>TOTAL</b>	<b>\$99,698</b>	<b>\$(45,796)</b>	<b>\$(51,329)</b>	<b>\$31,840</b>	<b>\$139,424</b>	<b>\$105,530</b>	<b>\$124,635</b>	<b>\$189,685</b>	<b>\$(60,803)</b>	<b>\$(207,012)</b>

## FY 2009 EXPENSES BY TYPE

(IN THOUSANDS)



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
REFUNDS	\$ 232	\$ 320	\$ 178	\$ 79	\$ 229	\$ 378	\$ 303	\$ 454	\$ 646	\$ 338
PROFESSIONAL & ADMINISTRATIVE	474	505	512	571	604	688	803	887	945	952
BENEFITS	25,664	28,568	31,145	33,737	35,304	36,443	36,778	39,683	42,950	47,025
<b>TOTAL</b>	<b>\$26,370</b>	<b>\$29,393</b>	<b>\$31,835</b>	<b>\$34,387</b>	<b>\$36,137</b>	<b>\$37,509</b>	<b>\$37,884</b>	<b>\$41,024</b>	<b>\$44,541</b>	<b>\$48,315</b>

## SCHEDULE OF AVERAGE BENEFIT PAYMENTS

Retirement Effective Dates	Years of Credited Service						Fiscal Year Average/ New Retirants
	5-10	10-15	15-20	20-25	25-30	30+	
<b>Period 7/1/08 to 6/30/09</b>							
Average Monthly Pension Benefits	\$2,727	\$-	\$4,586	\$7,006	\$4,353	\$5,423	\$5,241
Number of New Retired Members	4	0	4	10	6	2	26
<b>Period 7/1/07 to 6/30/08</b>							
Average Monthly Pension Benefits	\$2,394	\$3,687	\$2,063	\$8,247	\$8,329	\$8,962	\$7,124
Number of New Retired Members	4	3	1	11	6	8	33
<b>Period 7/1/06 to 6/30/07</b>							
Average Monthly Pension Benefits	\$-	\$4,725	\$2,479	\$5,279	\$7,363	\$7,517	\$5,787
Number of New Retired Members	-	1	2	14	5	4	26
<b>Period 7/1/05 to 6/30/06</b>							
Average Monthly Pension Benefits	\$1,203	\$3,676	\$2,974	\$4,878	\$6,158	\$6,512	\$4,414
Number of New Retired Members	3	5	6	15	5	3	37
<b>Period 7/1/04 to 6/30/05</b>							
Average Monthly Pension Benefits	\$3,077	\$1,783	\$2,897	\$3,081	\$6,481	\$7,388	\$4,941
Number of New Retired Members	2	2	1	3	7	12	27
<b>Period 7/1/03 to 6/30/04</b>							
Average Monthly Pension Benefits	\$3,246	\$2,808	\$3,412	\$4,961	\$5,616	\$8,174	\$5,643
Number of New Retired Members	11	2	3	2	8	15	41
<b>Period 7/1/02 to 6/30/03</b>							
Average Monthly Pension Benefits	\$3,068	\$3,427	\$3,637	\$5,055	\$6,186	\$7,138	\$5,702
Number of New Retired Members	4	8	4	7	5	19	47
<b>Period 7/1/01 to 6/30/02</b>							
Average Monthly Pension Benefits	\$3,849	\$-	\$3,287	\$3,938	\$6,635	\$7,416	\$5,025
Number of New Retired Members	1	-	3	4	5	12	25
<b>Period 7/1/00 to 6/30/01</b>							
Average Monthly Pension Benefits	\$3,298	\$3,658	\$-	\$3,604	\$3,583	\$6,431	\$4,115
Number of New Retired Members	2	1	-	5	3	5	16
<b>Period 7/1/99 to 6/30/00</b>							
Average Monthly Pension Benefits	\$3,107	\$3,131	\$3,247	\$3,374	\$4,134	\$6,315	\$3,884
Number of New Retired Members	2	3	1	3	1	3	13
<b>Period 7/1/98 to 6/30/99</b>							
Average Monthly Pension Benefits	\$-	\$-	\$1,941	\$2,443	\$-	\$4,609	\$2,998
Number of New Retired Members	-	-	1	2	-	3	6

## RETIRED MEMBERS BY TYPE OF BENEFIT

(AS OF JUNE 30, 2009)

Amount of Monthly Benefit	Number of Retired Members	Type of Retirement*		
		1	2	3
\$1 - \$1,000	46	42	0	4
\$1,001 - \$2,000	56	42	8	6
\$2,001 - \$3,000	107	25	30	52
\$3,001 - \$4,000	225	49	137	39
\$4,001 - \$5,000	182	102	66	14
\$5,001 - \$6,000	77	44	28	5
\$6,001 - \$7,000	53	32	21	0
\$7,001 - \$8,000	38	19	17	2
\$8,001 - \$9,000	39	19	20	0
> \$9,000	42	27	15	0
<b>Total</b>	<b>865</b>	<b>401</b>	<b>342</b>	<b>122</b>

\* Type of Retirement

- 1 - Service Retiree
- 2 - Disability Retiree
- 3 - Beneficiary/Continuant/Survivor

Amount of Monthly Benefit	Number of Retired Members	Option Selected**			
		Unmodified	Option 1	Option 2	Option 3
\$1 - \$1,000	46	43	3	0	0
\$1,001 - \$2,000	56	47	5	4	0
\$2,001 - \$3,000	107	60	37	8	2
\$3,001 - \$4,000	225	157	52	9	7
\$4,001 - \$5,000	182	122	49	8	3
\$5,001 - \$6,000	77	58	10	8	1
\$6,001 - \$7,000	53	34	9	8	2
\$7,001 - \$8,000	38	22	3	12	1
\$8,001 - \$9,000	39	33	1	5	0
> \$9,000	42	34	0	8	0
<b>Total</b>	<b>865</b>	<b>610</b>	<b>169</b>	<b>70</b>	<b>16</b>

\*\* Option Selected

- Unmodified - Beneficiary receives 50% of the member's allowance.
- Option 1 - Beneficiary receives lump sum of member's unused contributions.
- Option 2 - Beneficiary receives 100% of member's reduced monthly benefit.
- Option 3 - Beneficiary receives 75% of member's reduced monthly benefit.

## FY 2009 EXPENSES BY TYPE

(DOLLARS IN MILLIONS)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Service Retiree Benefits	\$17.7	\$19.7	\$21.7	\$22.6	\$22.7	\$23.9	\$22.3	\$23.8	\$26.4	\$28.9
Disability Retiree Benefits	8.0	8.9	9.5	11.1	12.6	12.6	14.5	15.8	16.6	18.1
Separation	0.2	0.3	0.2	0.1	0.2	0.3	0.3	0.4	0.6	0.3
Death Benefit	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
Misc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>Total Benefit Expenses</b>	<b>\$25.9</b>	<b>\$28.9</b>	<b>\$31.4</b>	<b>\$33.8</b>	<b>\$35.5</b>	<b>\$36.9</b>	<b>\$37.1</b>	<b>\$40.1</b>	<b>\$43.6</b>	<b>\$47.4</b>

## ACTIVE / DEFERRED MEMBERS

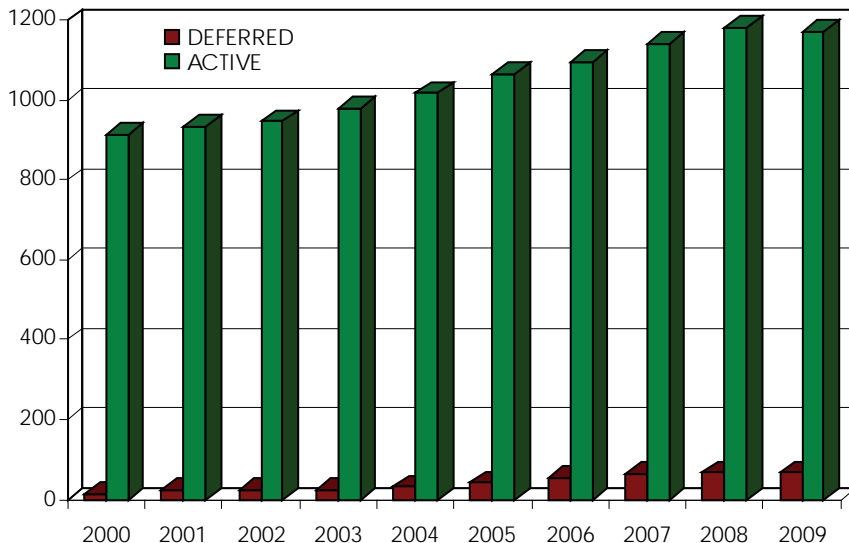
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Active Vested	593	628	698	717	759	763	765	782	783	859
Active Non Vested	321	306	248	263	258	303	330	360	399	313
Deferred	15	24	25	24	31	42	53	64	67	67
<b>Total</b>	<b>929</b>	<b>958</b>	<b>971</b>	<b>1,004</b>	<b>1,048</b>	<b>1,108</b>	<b>1,148</b>	<b>1,206</b>	<b>1,249</b>	<b>1,239</b>

## RETIRED MEMBERS

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Service	297	288	297	303	307	312	314	322	332	323
Service Connected Disability	187	211	220	255	280	294	309	318	323	336
Non Service Disability	5	7	7	7	6	6	6	6	6	6
Survivors	175	157	162	169	168	172	178	187	193	200
<b>TOTAL</b>	<b>664</b>	<b>663</b>	<b>686</b>	<b>734</b>	<b>761</b>	<b>784</b>	<b>807</b>	<b>833</b>	<b>854</b>	<b>865</b>

## MEMBERSHIP HISTORY (ACTIVE AND DEFERRED)

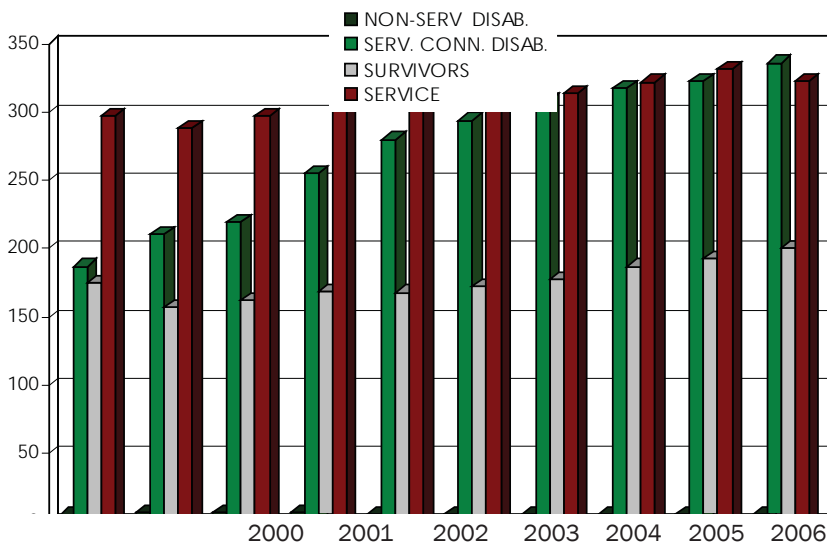
MEMBERSHIP HISTORY (ACTIVE AND DEFERRED)



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
DEFERRED	15	24	25	24	31	42	53	64	67	67
ACTIVE	914	934	946	980	1017	1066	1095	1142	1182	1172
TOTAL	929	958	971	1004	1048	1108	1148	1206	1249	1239

## SCHEDULE BY RETIRED MEMBERS BY TYPE OF BENEFIT

RETIRED MEMBERS BY TYPE OF BENEFIT



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
NON-SERV DISAB.	5	7	7	7	6	6	6	6	6	6
SERV. CONN. DISAB.	187	211	220	255	280	294	309	318	323	336
SURVIVORS	175	157	162	169	168	172	178	187	193	200
SERVICE	297	288	297	303	307	312	314	322	332	323
TOTAL	664	663	686	734	761	784	807	833	854	865

## SUMMARY OF ACTIVE PARTICIPANTS

YEAR	NUMBER OF MEMBERS	PENSIONABLE PAYROLL	ANNUAL AVERAGE SALARY	NET CHANGE IN AVERAGE SALARY
1997	798	\$43,462,379	\$54,464	-3.50%
1998	849	47,430,688	55,867	2.57%
1999	921	52,410,461	56,906	1.86%
2000	914	54,667,137	59,811	5.10%
2001	934	59,888,057	64,120	7.20%
2002	946	61,344,091	64,846	1.13%
2003	980	64,149,390	65,459	0.95%
2004	1017	66,899,509	65,781	0.49%
2005	1066	72,812,722	68,305	3.84%
2006	1095	77,230,825	70,530	3.26%
2007	1142	84,811,083	74,265	5.30%
2008	1182	\$99,076,279	\$83,821	12.87%
2009	1172	\$99,327,133	\$84,750	1.11%

The fiscal year 2008 increase in pensionable compensation is a reflection of the rare occurrence, approximately every 11 years, in which there are 27 rather than 26 payroll periods reportable.

## SUMMARY OF RETIRED MEMBERSHIP

YEAR	NUMBER OF MEMBERS	ANNUAL BENEFITS TO PARTICIPANTS	ANNUAL AVERAGE ALLOWANCE (INDIVIDUAL)	NET CHANGE IN BENEFITS TO PARTICIPANTS
1997	625	\$18,182,008	\$29,091	12.98%
1998	649	18,852,815	29,049	-0.15%
1999	647	22,710,101	35,101	20.83%
2000	664	25,664,076	38,651	10.11%
2001	663	28,568,480	43,090	11.48%
2002	686	31,144,834	45,401	5.36%
2003	734	33,736,675	45,963	1.24%
2004	761	35,304,472	46,392	0.93%
2005	784	36,443,224	46,484	0.20%
2006	807	36,778,219	45,574	-1.96%
2007	833	39,682,515	47,638	4.53%
2008	854	\$42,949,880	\$50,293	5.57%
2009	865	\$47,024,672	\$54,364	8.09%

## CONTRIBUTION RATES

		Valuation Date	Member Rates			City Contribution Rates		
			Basic at Entry Age			Total City	Less Prefunded Actuarial Accrued Liability (PAAL)	Net City Contribution
Fiscal Year			20	30	40	Rate	(PAAL)	Rate
June 30, 2009	Tier I	June 30, 2007	3.76	6.65	5.94	25.25	17.93	7.32
	Tier II		9.00	9.00	9.00	17.34	10.02	7.32
June 30, 2008	Tier I	June 30, 2006	3.86	6.75	5.99	25.66	17.65	8.01
	Tier II		9.00	9.00	9.00	16.28	8.27	8.01
June 30, 2007	Tier I	June 30, 2005	3.77	6.59	6.49	25.71	20.33	5.38
	Tier II		9.00	9.00	9.00	17.43	12.05	5.38
June 30, 2006	Tier I	June 30, 2004	3.77	6.59	5.82	25.12	25.12	0.00
	Tier II		9.00	9.00	9.00	17.43	17.43	0.00
June 30, 2005	Tier I	June 30, 2003	4.09	6.95	6.07	25.26	25.26	0.00
	Tier II		9.00	9.00	9.00	15.86	15.86	0.00
June 30, 2004	Tier I	June 30, 2002	4.09	6.95	6.07	25.55	-25.55	0.00
	Tier II		9.00	9.00	9.00	14.73	-14.73	0.00
June 30, 2003	Tier I	June 30, 2001	4.09	6.95	6.07	25.52	-25.52	0.00
	Tier II		9.00	9.00	9.00	14.67	-14.67	0.00
June 30, 2002	Tier I	June 30, 2000	4.06	6.90	6.03	25.44	-25.44	0.00
	Tier II		9.00	9.00	9.00	14.52	-14.52	0.00
June 30, 2001	Tier I	June 30, 1999	4.11	6.88	6.04	25.29	-25.29	0.00
	Tier II		9.00	9.00	9.00	14.57	-14.57	0.00
June 30, 2000	Tier I	June 30, 1998	4.14	7.08	6.28	25.79	-25.79	0.00
	Tier II		9.00	9.00	9.00	14.44	-14.44	0.00
June 30, 1999	Tier I	June 30, 1997	4.16	7.08	6.28	21.32	-21.32	0.00
	Tier II		9.00	9.00	9.00	15.86	-15.86	0.00
June 30, 1998	Tier I	June 30, 1996	4.16	7.09	6.34	22.72	-22.72	0.00
	Tier II		9.00	9.00	9.00	14.66	-0.43	14.23
June 30, 1997	Tier I	June 30, 1995	4.56	7.56	6.74	25.01	-9.34	15.67
	Tier II		9.00	9.00	9.00	16.44	0.00	16.44
June 30, 1995	Tier I	June 30, 1993	4.44	7.52	6.76	65.54	0.00	65.54
	Tier II		9.00	9.00	9.00	18.99	0.00	18.99
June 30, 1993	Tier I	June 30, 1991	5.71	8.86	8.18	62.58	0.00	62.58
	Tier II		9.00	9.00	9.00	18.42	0.00	18.42
June 30, 1991	Tier I	June 30, 1989	5.11	7.81	6.93	52.68	0.00	52.68
	Tier II		9.00	9.00	9.00	18.42	0.00	18.42
June 30, 1990		June 30, 1988	5.11	7.81	6.93	50.96	0.00	50.96

(1) Combined rates for Group A and Group B members and retirees.

Data Source: Annual Actuarial Valuation Reports.

*City of Fresno Fire and Police Retirement System*

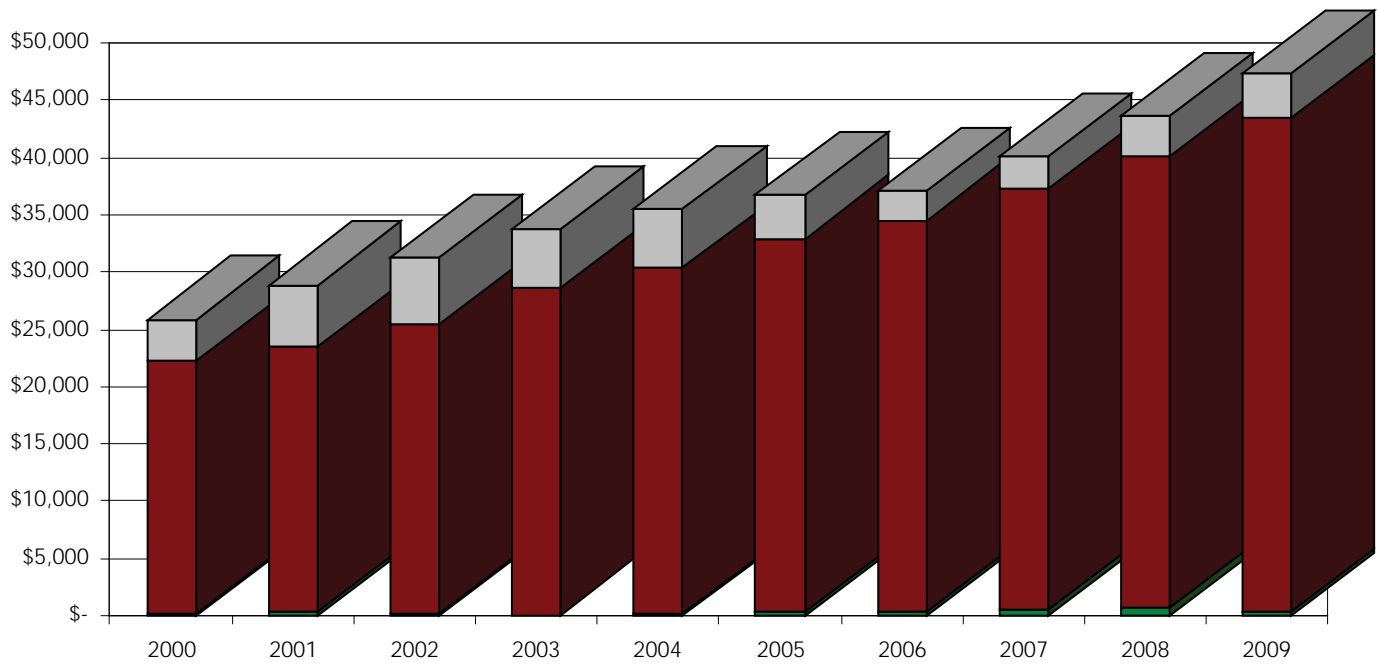
## ECONOMIC ASSUMPTIONS AND FUNDING METHOD

Valuation Date	Interest	Salary Scale	Cost of Living	Inflation Component	Funding Method
June 30, 2008	8.25%	5.5% Avg	3.00 - 4.00%	3.75%	Entry Age Normal
June 30, 2007	8.25%	5.5% Avg.	3.00 - 4.00%	3.75%	Entry Age Normal
June 30, 2006	8.25%	5.5% Avg.	2.75 - 4.5%	4.25%	Entry Age Normal
June 30, 2005	8.25%	5.5% Avg.	2.75 - 4.5%	4.25%	Entry Age Normal
June 30, 2004	8.25%	5.5% Avg.	2.75 - 4.5%	4.25%	Entry Age Normal
June 30, 2003	8.25%	5.5% Avg.	2.75 - 4.5%	4.50%	Entry Age Normal
June 30, 2002	8.25%	5.5% Avg.	2.75 - 4.5%	4.50%	Entry Age Normal
June 30, 2001	8.25%	5.5% Avg.	2.75 - 4.5%	4.50%	Entry Age Normal
June 30, 2000	8.25%	5.5% Avg.	2.75 - 4.5%	4.50%	Entry Age Normal
June 30, 1999	8.25%	5.3% Avg.	4.9 - 6.0%	4.50%	Entry Age Normal
June 30, 1998	8.25%	10.75 - 4.95%	4.25%	4.75%	Entry Age Normal
June 30, 1997	8.25%	9.3 - 1.8%	4.75%	4.75%	Entry Age Normal
June 30, 1996	8.25%	10.75 - 4.95%	4.75%	4.75%	Entry Age Normal
June 30, 1995	8.00%	6.00 - .20%	5.00%	5.00%	Entry Age Normal
June 30, 1993	8.00%	9 - 5-1/4%	5.00%	5.00%	Entry Age Normal
June 30, 1991	8.00%	12 - 6-1/2%	5.00%	5.00%	Entry Age Normal
June 30, 1989	8.00%	12 - 6-1/2%	5.00%	5.00%	Entry Age Normal
June 30, 1987	8.00%	6-1/2%	6-1/2%	5.00%	Entry Age Normal

## BENEFITS AND WITHDRAWALS PAID

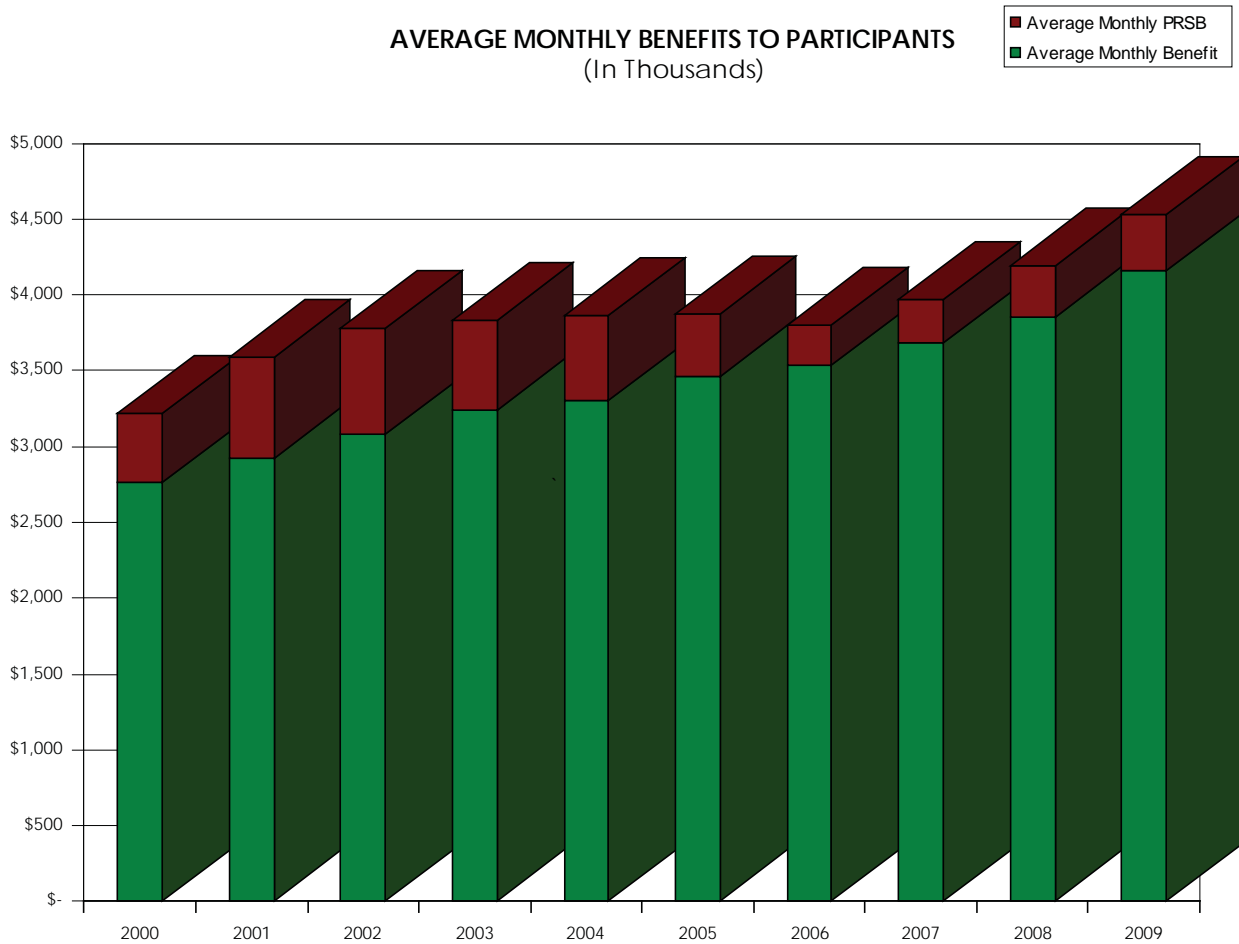
BENEFITS AND WITHDRAWALS PAID  
(In Thousands)

- ▣ PRSB
- BENEFITS PAID
- WITHDRAWALS



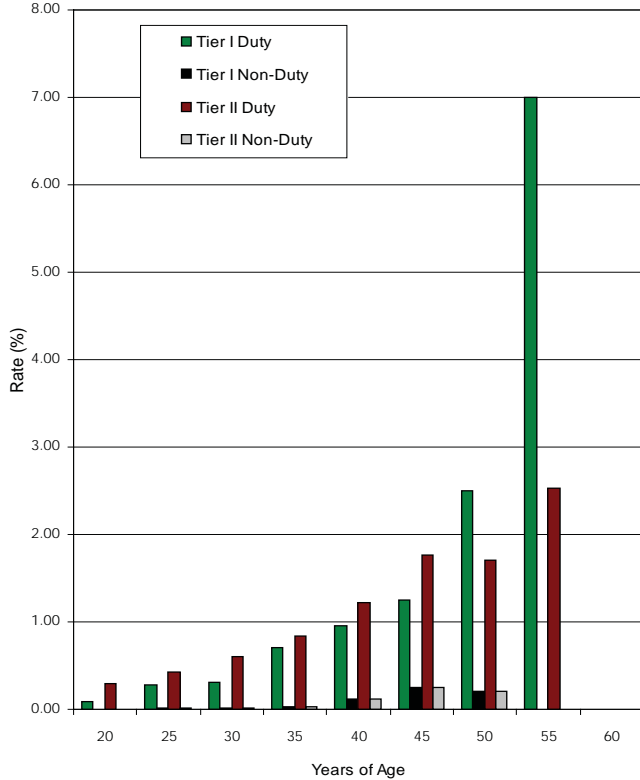
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WITHDRAWALS	\$231	\$320	\$178	\$79	\$229	\$378	\$303	\$454	\$646	\$338
BENEFITS PAID	21,987	23,238	25,332	28,572	30,135	32,583	34,230	36,811	39,494	43,177
PRSB	3,677	5,330	5,813	5,165	5,169	3,860	2,548	2,872	3,456	3,848

## AVERAGE MONTHLY BENEFITS TO PARTICIPANTS



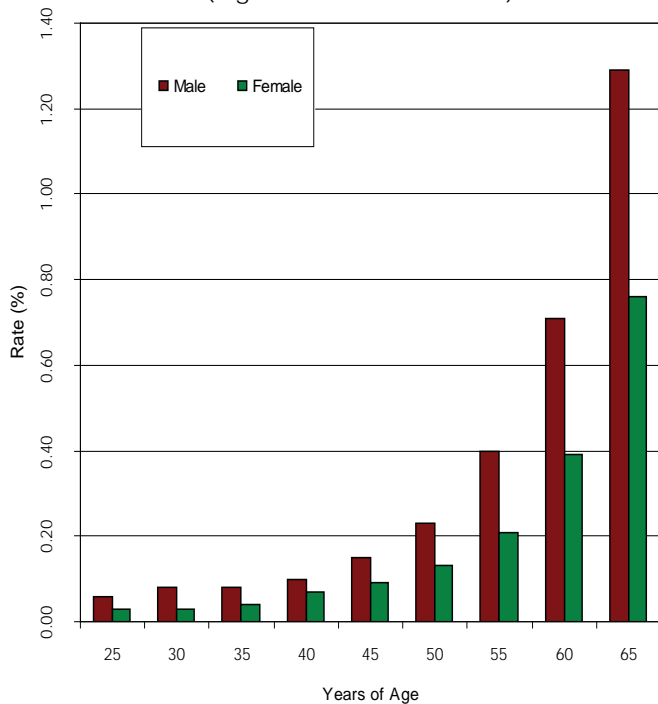
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Average Monthly Benefit	\$2,759	\$2,921	\$3,077	\$3,244	\$3,300	\$3,463	\$3,535	\$3,683	\$3,854	\$4,160
Average Monthly PRSB	461	670	706	586	566	410	263	287	337	371
Average Monthly Benefit Total	\$3,221	\$3,591	\$3,783	\$3,830	\$3,866	\$3,874	\$3,798	\$3,970	\$4,191	\$4,531

EXPECTATION OF LIFE\*  
(Disabled Retirees)



EXPECTATION OF LIFE Age and Service Retirees 1994 Group Annuity Mortality Table Male (x-1), Female (x-1)		
Age	Tier I & II	
	Male	Female
25	0.06	0.03
30	0.08	0.03
35	0.08	0.04
40	0.10	0.07
45	0.15	0.09
50	0.23	0.13
55	0.40	0.21
60	0.71	0.39
65	1.29	0.76

EXPECTATION OF LIFE\*  
(Age and Service Retirees)



EXPECTATION OF LIFE Disabled Retirees 1981 Safety Disability Mortality Table (x-5)				
Age	Tier I Duty	Tier I Non-Duty	Tier II Duty	Tier II Non-Duty
20	0.09	0.00	0.30	0.00
25	0.28	0.01	0.42	0.01
30	0.31	0.01	0.60	0.01
35	0.70	0.03	0.84	0.03
40	0.95	0.12	1.22	0.12
45	1.25	0.25	1.76	0.25
50	2.50	0.20	1.71	0.20
55	7.00	0.00	2.53	0.00
60	0.00	0.00	0.00	0.00

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