

Actuarial Valuation Data

Volunteer Fire Plans

(VFRAs)

	2009	2008	2007	2006	2005	2004	2003	2002
Membership								
Active Members	17,447	17,387	17,397	17,236	16,673	16,767	16,860	16,995
Service Retirees	1,485	1,349	1,359	1,258	1,185	1,221	1,209	1,112
Disabilitants	0	0	0	0	0	0	0	0
Survivors	0	0	0	0	0	0	0	0
Deferred Retirees	3,365	2,779	3,275	3,102	3,027	3,067	3,095	3,015
Nonvested Former Members	0	0	0	0	0	0	0	0
Total Membership	22,297	21,515	22,031	21,596	20,885	21,055	21,164	21,122
Funded Status								
Accrued Liability	\$435,929,540	\$424,381,612	\$429,033,113	\$395,797,609	\$366,290,782	\$347,227,373	\$329,287,563	\$311,801,760
Current Assets	\$402,729,534	\$348,311,043	\$456,505,600	\$374,254,109	\$374,254,109	\$350,944,892	\$316,638,883	\$265,724,390
Unfunded Accrued Liability	\$33,200,006	\$76,070,569	(\$27,472,487)	\$21,543,500	(\$7,963,327)	(\$3,717,519)	\$12,648,680	\$46,077,370
Funding Ratio	92.38%	82.07%	106.40%	94.56%	102.17%	101.07%	96.16%	85.22%
Financing Requirements								
Covered Payroll	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Benefits Payable	\$31,680,244	\$28,615,968	\$26,175,079	\$23,932,489	\$20,415,077	\$19,830,587	\$18,225,221	\$17,417,821
Normal Cost	\$25,072,627	\$25,511,341	\$24,458,270	\$22,255,533	\$20,905,590	\$19,985,609	\$19,305,406	\$18,998,498
Administrative Expenses	\$2,422,963	\$2,011,051	\$1,806,137	\$1,715,498	\$2,454,628	\$1,215,930	\$1,194,026	\$1,161,220
Normal Cost & Expense	\$27,495,590	\$27,522,392	\$26,264,407	\$23,971,031	\$23,360,218	\$21,201,539	\$20,499,432	\$20,159,718
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Amortization	\$7,748,890	\$3,414,339	\$1,731,787	\$2,357,404	\$2,396,127	\$1,689,392	\$4,787,932	\$2,595,067
Total Requirements	\$35,244,480	\$30,936,731	\$27,996,194	\$26,328,435	\$25,756,345	\$22,890,931	\$25,287,364	\$22,754,785
Employee Contributions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Employer Contributions	\$7,842,305	\$7,296,138	\$6,804,827	\$6,602,900	\$6,552,942	\$7,812,069	\$7,220,506	\$6,379,562
Employer Add'l Cont.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Direct State Funding	\$15,377,359	\$18,290,584	\$21,122,261	\$23,678,464	\$22,074,813	\$22,768,597	\$17,771,509	\$14,584,066
* Other Funding	\$535,435	\$576,030	\$531,705	\$696,384	\$533,011	\$1,100,045	\$745,795	\$765,056
Administrative Assessment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Contributions	\$23,755,099	\$26,162,752	\$28,458,793	\$30,977,748	\$29,160,766	\$31,680,711	\$25,737,810	\$21,728,684
Total Requirements	\$35,244,480	\$30,936,731	\$27,996,194	\$26,328,435	\$25,756,345	\$22,890,931	\$25,287,364	\$22,754,785
Total Contributions	\$23,755,099	\$26,162,752	\$28,458,793	\$30,977,748	\$29,160,766	\$31,680,711	\$25,737,810	\$21,728,684
Deficiency (Surplus)	\$11,489,381	\$4,773,979	(\$462,599)	(\$4,649,313)	(\$3,404,421)	(\$8,789,780)	(\$450,446)	\$1,026,101

* Investment earnings and other revenues

Source data:

1997-2002: Volunteer Firefighter Compilation Reports, Office of the State Auditor

2003: Public Pension Plan Financial and Investment Report, Office of the State Auditor

2004-current: Financial and Investment Report of Volunteer Fire Relief Associations, Office of the State Auditor

Actuarial Valuation Data

Volunteer Fire Plans

(VFRAs)

	2001	2000	1999^	1998	1997
Membership					
Active Members	16,869	16,398	15,738	16,957	17,082
Service Retirees	1,174	955	630	617	637
Disabilitants	0	0	0	0	0
Survivors	0	0	0	0	0
Deferred Retirees	2,897	2,653	2,336	2,052	2,169
Nonvested Former Members	0	0	0	0	0
Total Membership	20,940	20,006	18,704	19,626	19,888
Funded Status					
Accrued Liability	\$308,923,067	\$288,221,086	\$270,231,973	\$253,268,615	\$225,762,266
Current Assets	\$291,241,397	\$300,111,245	\$303,154,736	\$280,955,711	\$248,881,388
Unfunded Accrued Liability	\$17,681,670	(\$11,890,159)	(\$32,922,763)	(\$27,687,096)	(\$23,119,122)
Funding Ratio	94.28%	104.13%	112.18%	110.93%	110.24%
Financing Requirements					
Covered Payroll	\$0	\$0	\$0	\$0	\$0
Benefits Payable	\$18,350,169	\$19,230,404	\$14,373,573	\$13,807,299	\$12,474,615
Normal Cost	\$18,498,533	\$17,164,012	\$15,314,041	\$15,089,579	\$13,848,672
Administrative Expenses	\$1,053,483	\$1,097,216	\$1,069,691	\$1,144,787	\$1,052,787
Normal Cost & Expense	\$19,552,016	\$18,261,228	\$16,383,732	\$16,234,366	\$14,901,459
Normal Cost & Expense	\$19,552,016	\$18,261,228	\$16,383,732	\$16,234,366	\$14,901,459
Amortization	(\$204,264)	(\$2,034,123)	(\$2,164,457)	(\$1,259,752)	(\$1,998,260)
Total Requirements	\$19,347,752	\$16,227,105	\$14,219,275	\$14,974,614	\$12,903,199
Employee Contributions	\$0	\$0	\$0	\$0	\$0
Employer Contributions	\$4,766,358	\$4,264,488	\$4,297,303	\$4,340,380	\$4,825,406
Employer Add'l Cont.	\$0	\$0	\$0	\$0	\$0
Direct State Funding	\$13,246,449	\$12,300,274	\$11,628,109	\$11,799,672	\$10,984,683
* Other Funding	\$0	(\$4,076,423)	\$34,541,865	\$31,032,015	\$0
Administrative Assessment	\$0	\$0	\$0	\$0	\$0
Total Contributions	\$18,012,807	\$12,488,339	\$50,467,277	\$47,172,067	\$15,810,089
Total Requirements	\$19,347,752	\$16,227,105	\$14,219,275	\$15,027,246	\$12,903,199
Total Contributions	\$18,012,807	\$12,488,339	\$50,467,277	\$47,172,067	\$15,810,089
Deficiency (Surplus)	\$1,334,945	\$3,738,766	(\$36,248,002)	(\$32,144,821)	(\$2,906,890)

* Investment earnings and other revenues

^ Data not comparable to prior years due to the exclusion of plans which did not meet the publication deadline for this year's report