

**SAN DIEGO COUNTY
EMPLOYEES' RETIREMENT ASSOCIATION
ANNUAL ACTUARIAL VALUATION
June 30, 2001**



Submitted to
THE RETIREMENT BOARD
San Diego County Employees' Retirement Association
San Diego County, California

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January 10, 2002

San Diego County Employees'
Retirement Association
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Members of the Board:

Results of the regular Annual Actuarial Valuation as of June 30, 2001 of the San Diego County Employees' Retirement Association are summarized. The valuation is intended to provide a measure of the funding status of the retirement system. This valuation forms the basis for the employer contribution rates for the year beginning July 1, 2002.

Contributions for	General	Safety	Combined
Normal Costs	5.96%	11.90%	7.34%
Unfunded Accrued	(6.99)	(5.03)	(6.53)
TOTAL	(1.03)%	6.87%	0.81%

The member statistical data on which the valuation was based was furnished by the Retirement Office, together with pertinent data on financial operations. Data was reviewed for reasonableness, but was not audited by the actuary.

Valuation results indicate that there was a slight experience loss of \$13.2 million. This loss reflects 0.4% of accrued actuarial liabilities.

The cooperation of the Retirement Office in furnishing materials requested for this valuation is deeply acknowledged with appreciation.

Respectfully submitted,

GABRIEL, ROEDER, SMITH & COMPANY

Rick A. Roeder, E.A., F.S.A., M.A.A.A.

**FINANCIAL PRINCIPLES
AND
OPERATIONAL TECHNIQUES**

Promises Made, and To Be Paid For. As each year is completed, the Retirement System in effect hands an "IOU" to each member then acquiring a year of service credit -- the "IOU" says: "The San Diego County Employees' Retirement Association owes you one year's worth of retirement benefits, payments in cash commencing when you qualify for retirement."

The related key financial questions are:

Which generation of taxpayers contributes the money to cover the IOU?

The present taxpayers, who receive the benefit of the member's present year of service?

Or the future taxpayers, who happen to be in San Diego at the time the IOU becomes a cash demand, years and decades later?

The principle of level percent of payroll financing intends that this year's taxpayers contribute the money to cover the IOUs being handed out this year. By following this principle, the employer contribution rate will remain approximately level from generation to generation (after funding of the system's initial unfunded liability is addressed) -- our children and our grandchildren will contribute the same percents of active payroll we contribute now.

(There are systems which have a design for deferring contributions to future taxpayers, lured by a lower contribution rate now and putting aside the consequence that the contribution rate must then relentlessly grow much greater over decades of time.)

An inevitable by-product of the level-cost design is the accumulation of reserve assets, for decades, and income produced when the assets are invested. Invested assets are a by-product and not the objective. Investment income becomes, in effect, the 3rd contributor for benefits to employees, and is interlocked with the contribution amounts required from employees and employer.

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Translated to actuarial terminology, this level-cost objective means that the contribution rates must total at least the following:

Current Cost (the cost of members' service being rendered this year) . . .

plus. . .

Interest on Unfunded Accrued Liabilities (unfunded accrued liabilities are the difference between (i) liabilities for service already rendered and (ii) the accrued assets of the plan).

Computing Contributions To Support System Benefits. From a given schedule of benefits and from the employee data and asset data furnished, the actuary determines the contribution rates to support the benefits, by means of an actuarial valuation and a funding method.

An actuarial valuation has a number of ingredients such as: the rate of investment return which plan assets will earn; rates of withdrawal of active members who leave covered employment; rates of mortality; rates of disability; rates of pay increases; and the assumed age or ages at actual retirement. In an actuarial valuation assumptions must be made as to what the above rates will be, for the next year and for decades in the future. Only the subsequent actual experience of the plan can indicate the degree of accuracy of the assumptions.

Reconciling Differences Between Assumed Experience and Actual Experience. Once actual experience has occurred and been observed, it will not coincide exactly with assumed experience, regardless of the wisdom behind the various financial assumptions or the skill of the actuary and the millions of calculations made. The future can be predicted with considerable but not complete precision, except for inflation which defies reliable prediction.

The System copes with these continually changing differences by having annual actuarial valuations. Each actuarial valuation is a complete recalculation of assumed future experience, taking into account all past differences between assumed and actual experience. The result is continual adjustments in the computed employer contribution rates.

**% OF
ACTIVE
EMPLOYEE
PAYS**

START

**PAY-AS-YOU-GO
CONTRIBUTIONS**

LEVEL CONTRIBUTIONS

**INVESTMENT
INCOME**

**CONTRIBUTIONS:
EMPLOYER
AND EMPLOYEE
COMBINED**

50 ±

YEARS OF TIME

CASH BENEFITS LINE This relentlessly increasing line is the fundamental reality of retirement plan financing. It happens each time a new benefit is added for future retirements (and happens regardless of the design for contributing for benefits).

LEVEL CONTRIBUTION LINE. Determining the level contribution line requires detailed assumptions concerning a variety of experiences in future decades, including:

Economic Risk Areas

Rates of investment return

Rates of pay increase

Changes in active member group size

Non-Economic Risk Areas

Ages at actual retirement

Rates of mortality

Rates of withdrawal of active members (turnover)

Rates of disability

VALUATION RESULTS

&

COMMENTS

June 30, 2001

FUNDING OBJECTIVE

The funding objective of the Retirement Association is to establish and receive contributions, expressed as percents of active member payroll, which will remain approximately level from year to year and will not have to be increased for future generations of citizens.

CONTRIBUTION RATES

The Retirement Association is supported by member contributions, County contributions, and investment income from Retirement Association assets.

Contributions which satisfy the funding objective are determined by the annual actuarial valuation and are intended to:

- (1) cover the actuarial present value of benefits allocated to the current year by the actuarial cost method (the normal cost); and
- (2) finance over a period of future years the actuarial present value of benefits not covered by valuation assets and anticipated future normal costs (unfunded actuarial accrued liability).

Computed contributions for the fiscal year beginning July 1, 2002 are shown on the following pages.

San Diego County Employees' Retirement Association
Computed County Contribution Rates
(Expressed as Percents of Active Payroll)

County Contributions Based on Valuation of	General		Safety		Combined	
	2000	2001	2000	2001	2000	2001
NORMAL COSTS						
Basic Allowances	4.86%	4.91%	9.44%	9.50%	5.95%	5.97%
Cost-of-living allowances	<u>1.04</u>	<u>1.05</u>	<u>2.38</u>	<u>2.40</u>	<u>1.36</u>	<u>1.37</u>
Total Normal Costs	5.90	5.96	11.82	11.90	7.31	7.34
UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL)						
Basic Allowances	(7.73)	(5.56)	(6.95)	(3.95)	(7.54)	(5.18)
Cost-of-living allowances	<u>(1.99)</u>	<u>(1.43)</u>	<u>(1.91)</u>	<u>(1.08)</u>	<u>(1.98)</u>	<u>(1.35)</u>
Total UAAL	(9.72)	(6.99)	(8.86)	(5.03)	(9.51)	(6.53)
TOTAL COUNTY CONTRIBUTION	(3.82)%	(1.03)%	2.96%	6.87%	(2.20)%	0.81%

Ongoing unfunded actuarial accrued liabilities (UAAL) are a byproduct of actuarial gains and losses, as well as benefit, assumption and methodology changes. An excess of valuation assets over the accrued liabilities is spread evenly over five years, expressed as a percent-of-payroll and applied as a credit to the computed normal costs. The UAAL funding credit is spread evenly over five years, expressed as a percent-of-payroll, and added to the computed normal costs. Comparative contribution amounts for prior fiscal years are shown on the following page.

Computed County Contribution Rates

June 30, 2001

(Expressed as Percents of Active Payroll)Elements of Normal Cost

	<u>General</u>	<u>Safety</u>	<u>Overall</u>
Service Retirement ¹	8.22%	11.85	9.06%
Vested Deferred Retirement	1.97	2.00	1.98
Death-In-Service	0.29	0.73	0.39
Ordinary Disability ¹	0.26	0.08	0.22
Duty Disability ¹	0.78	5.32	1.83
Contribution Refunds	<u>0.12</u>	<u>0.12</u>	<u>0.12</u>
Total Normal Cost	11.64	20.10	13.60
Employee Contributions	<u>5.68</u>	<u>8.20</u>	<u>6.26</u>
County Normal Cost	5.96%	11.90%	7.34%

¹ Disability figures could be viewed as overstated, and service retirement correspondingly understated, since, in many cases, a disabilitant will have significant service credit accrued and may be eligible or nearly so for service retirement at time of disability grant.



San Diego County Employees' Retirement Association
Computed County Contributions - Historic Comparison

Fiscal Year	Valuation Date	General Members	Probation Members	Expressed as Percents of Payroll		
				Safety Members	All Members	Valuation Payroll
86-87	12/31/85	15.18%	--	24.98%	16.40%	\$280,560,958
87-88	12/31/86	14.90%	--	24.79%	16.13%	\$297,151,940
88-89	12/31/87 ¹	11.63%	--	19.55%	12.71%	\$340,499,064
89-90	12/31/88	11.44%	--	19.93%	12.58%	\$365,650,795
90-91	6/30/89	11.08%	--	22.36%	12.63%	\$391,328,886
91-92	6/30/90	10.98%	--	21.92%	12.41%	\$444,840,888
92-93	6/30/91	11.07%	--	22.28%	12.52%	\$494,284,829
92-93	6/30/91 ^{2,3,4}	11.35%	--	21.88%	12.71%	\$494,284,829
93-94	6/30/92	11.17%	--	22.66%	12.71%	\$525,411,229
94-95	6/30/93	10.58%	--	20.74%	12.00%	\$533,124,485
94-95	6/30/93 ²	11.73%	--	21.40%	13.10%	\$533,124,485
94-95	6/30/93 ⁵	4.97%	--	11.77%	5.93%	\$533,124,485
95-96	6/30/94	6.22%	--	12.33%	7.12%	\$535,980,753
96-97	6/30/95	5.89%	--	15.18%	7.33%	\$550,737,347
96-97	6/30/95 ⁴	2.91%	--	11.24%	4.19%	\$550,737,347
97-98	6/30/96	0.74%	--	6.89%	1.68%	\$561,691,535
97-98	6/30/96 ²	3.48%	--	7.84%	4.15%	\$561,691,535
98-99	6/30/97	(1.58)%	--	1.85%	(1.04)%	\$581,453,449
98-99	6/30/97 ²	(0.60)%	--	2.28%	(0.15)%	\$581,453,449
99-00	6/30/98	1.59%	5.88% ⁶	3.95%	2.22%	\$598,971,557
00-01	6/30/99	(1.36)%	--	5.68% ⁷	0.30%	\$642,780,304
01-02	6/30/00 ²	(3.82)%	--	2.96%	(2.20)%	\$672,476,730
02-03	6/30/01	(1.03)%	--	6.87%	0.81%	\$731,130,021

¹ After change in economic assumptions.

² After change in actuarial assumptions.

³ After including the Reserve for Future Deficiencies in the assets allocated to funding.

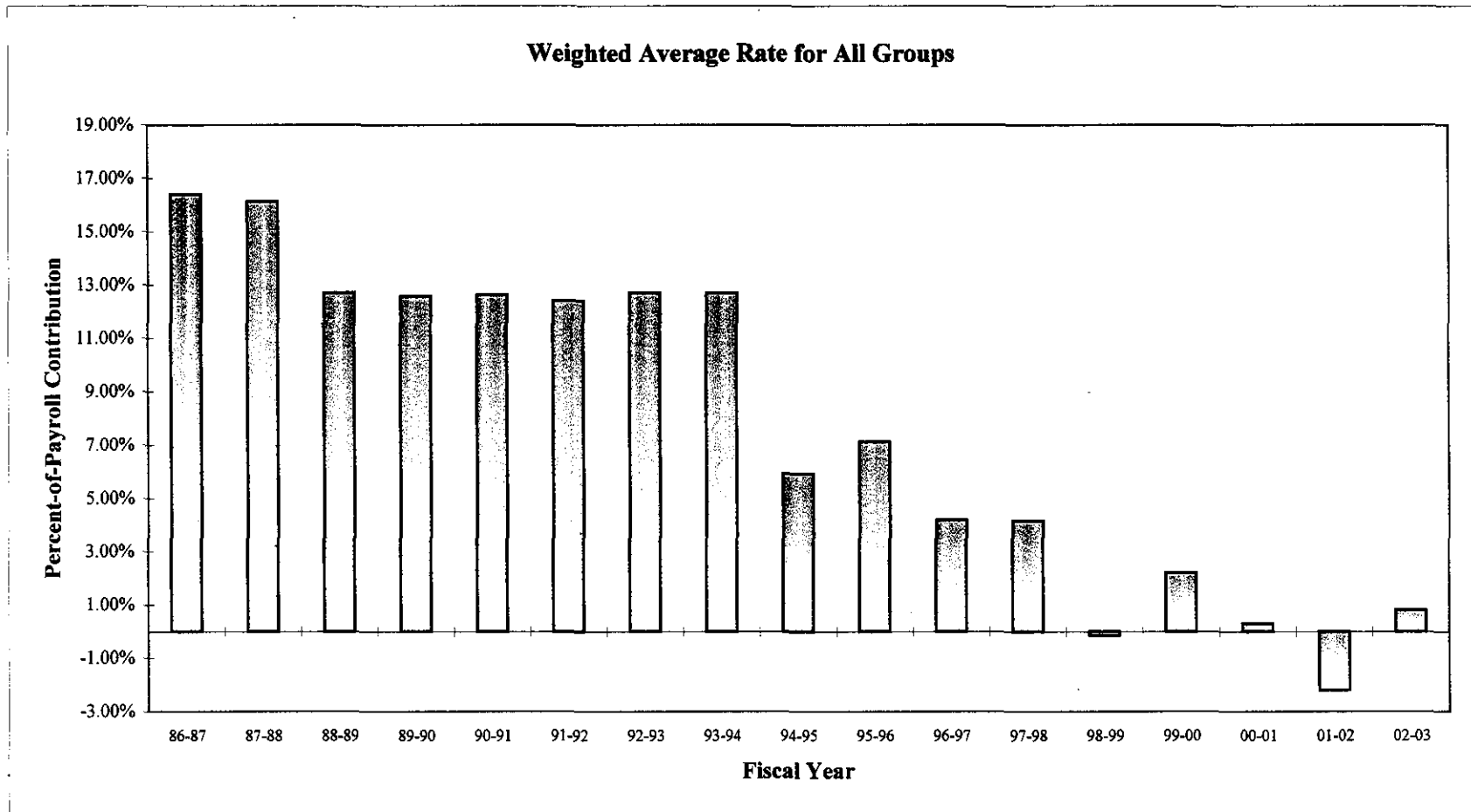
⁴ After change in asset valuation method.

⁵ After Pension Obligation Bond, and method change in amortization of Unfunded Accrued Liability.

⁶ Previously included as part of General group; subsequently, Actives included in Safety.

⁷ Probation included as part of Safety group.

**San Diego County Employees' Retirement Association
Computed County Contributions - Historic Comparison**



In addition to County contributions, the system is also funded by employee contributions. The rate at which members contribute is expressed as a percent of pay and varies according to age of entry into the system. Please refer to the Appendix for a detailed list of these rates by Tier and Class.

Average member contribution rates for each Tier and class are shown below, as well as the accumulated balances at the valuation date. These rates are weighted by anticipated future service. Member balances were taken from the census data provided by the Retirement Office.

AVERAGE CONTRIBUTION RATES

	General	Safety
Tier I	5.74%	7.59%
Tier II	5.67%	8.29%
Combined	5.68%	8.20%

Accumulated Active
Member Contributions

General - Tier I	\$ 76,741,704
- Tier II	<u>42,217,271</u>
- Total	118,958,975
 Safety* - Tier I	 \$ 40,217,530
- Tier II	<u>29,957,560</u>
- Total	\$70,175,091
 Grand Total	 <u>\$189,134,066</u>

* Includes Probation

All or part of the employee rate is subject to potential "pick up" by the employer. The rates above are shown prior to any applicable pick up. The pick up rate for each Active member was supplied to us in the census data by the Retirement Office. Employees with fewer than five years of service have a lesser % of their employees contributions "picked up" than employees with five or more years of service.

Such pick up and related accumulated interest are not to be refunded to employees at termination. In the valuation, the County's liability for potential refunds is reduced to reflect this. Therefore, the County's contribution is 1% for each 1% of pay pick up. The rate does not get netted for future refund savings, as this is already reflected in system liabilities.

Unfunded Actuarial Accrued Liability

June 30, 2001

Derivation of Experience Gain (Loss)

The actuarial gains or losses realized in the operation of the Retirement Association provide an experience test. Gains and losses are expected to cancel each other over a period of years and sizable year-to-year fluctuations are common. Detail on the derivation of the actuarial gain (loss) is shown below.

(1)	UAAL* at beginning of year		\$(319,848,539)
(2)	Expected UAAL payment		(46,531,186)
(3)	Interest accrual [(1) - (2)] *.0825		(22,548,682)
(4)	Expected UAAL at end of year (1) - (2) + (3)		(295,866,035)
(5)	Change due to excludable reserves:		43,871,000
	(a) Increase in health benefits and 401(h) reserve	34,040,000	
	(b) Increase in STAR COLA Reserve	9,831,000	
(6)	Expected UAAL at end of year, after changes in (5): (4) + (5)		(251,995,035)
(7)	Actual UAAL at end of year		(238,771,773)
(8)	Gain(loss): (6) - (7)		(13,223,262)
(9)	Gain(loss) as percentage of actuarial accrued liabilities at beginning of year \$3,248,822,070		(0.41)%

* Unfunded actuarial accrued liability

San Diego County Employees' Retirement Association
Unfunded Actuarial Accrued Liability
June 30, 2001

Components of Estimated Experience Gain/(Loss)

Estimated Gain/(Loss) to pay increases	\$(42,675,000)
Estimated Gain/(Loss) to investment experience	79,739,511
Estimated Gain/(Loss) to retiree mortality	(6,441,569)
Estimated Gain/(Loss) attributed to employee turnover, pre-retirement mortality, retirement incidence, data and miscellaneous factors	(43,846,204)
Total Estimated Experience Gain/(Loss)	\$(13,223,262)

Unfunded Actuarial Accrued Liability

Total actuarial accrued liabilities	3,506,828,147
Assets allocated to funding	3,745,599,920
Unfunded Actuarial Accrued Liability	(238,771,773)

Experience Gain(Loss) – Comparative Schedule

<u>Valuation Date</u>	<u>Gain(Loss)</u>	<u>Beginning-of-Year Accrued Liabilities</u>	<u>Gain(Loss) Percentage</u>
6/30/93	\$40,194,014	\$1,748,588,911	2.3%
6/30/94	(32,583,401)	1,869,929,458	(1.7)
6/30/95	47,291,942	2,006,688,728	2.4
6/30/96	56,360,153	2,148,606,253	2.6
6/30/97	155,182,544	2,340,662,896	6.6
6/30/98	135,645,893	2,487,916,656	5.45
6/30/99	89,282,059	2,677,593,419	3.33
6/30/00	157,154,766	2,990,110,779	5.26
6/30/01	(13,223,262)	3,248,822,070	(0.41)

San Diego County Employees' Retirement Association
Actuarial Balance Sheet - June 30, 2001

(\$ in Millions)

PRESENT RESOURCES AND EXPECTED FUTURE RESOURCES

	<u>General</u>	<u>Safety</u>	<u>Grand Total</u>
A. Actuarial value of system assets	\$2,815.6	\$930.0	\$3,745.6
B. Present value of expected future contributions			
1. For normal costs	272.8	165.6	438.4
2. For unfunded actuarial accrued liability	<u>(195.8)</u>	<u>(43.0)</u>	<u>(238.8)</u>
3. Totals	77.0	122.6	199.6
C. Present value of expected future member contributions and employer pick up contributions	<u>259.9</u>	<u>114.0</u>	<u>373.9</u>
Total Present and Expected Future Resources	<u>\$3152.5</u>	<u>\$1,166.6</u>	<u>\$4,319.1</u>

PRESENT VALUE OF EXPECTED FUTURE BENEFIT PAYMENTS AND RESERVE

	<u>General</u>	<u>Safety</u>	<u>Grand Total</u>
A. To retirants and beneficiaries	\$1,239.9	\$309.4	\$1,549.3
B. To vested terminated members	149.3	21.6	170.9
C. To present active members			
1. Allocated to service rendered prior to valuation date	1,230.6	556.0	1,786.6
2. Allocated to service likely to be rendered after valuation date	<u>532.7</u>	<u>279.6</u>	<u>812.3</u>
3. Totals	1,763.3	835.6	2,598.9
D. Total Present Value of Expected Future Benefit Payments	<u>\$3152.5</u>	<u>\$1166.6</u>	<u>\$4,319.1</u>

Funding Progress Indicators

June 30, 2001

There is no single all-encompassing indicator which measures a retirement system's funding progress and current funded status. A traditional measure has been the relationship of valuation assets to unfunded actuarial accrued liability -- a measure that is influenced by the choice of actuarial cost method.

We believe a better understanding of funding progress and status can be achieved using the following indicators which are independent of the actuarial cost method.

1. The ratio of valuation assets to the actuarial present value of credited projected benefits allocated in the proportion accrued service is to projected total service -- a plan continuation indicator.
2. The ratio of the unfunded actuarial present value of credited projected benefits to member payroll -- a plan continuation indicator. In a soundly financed retirement system, the amount of the unfunded actuarial present value of credited projected benefits will be controlled and prevented from increasing in the absence of benefit improvements or strengthening of actuarial assumptions. However, in an inflationary environment it is seldom practical to impose this control on dollar amounts which are depreciating in value. The ratio is a relative index of condition where inflation is present in both items. The ratio is expected to decrease in the absence of benefit improvements or strengthening of actuarial assumptions.

Funding Progress Indicators - Historic Comparison

(\$ in Thousands)

Continuation Indicators

<u>Valuation Date</u>	<u>Valuation Assets</u>	<u>Actuarial Accrued Liability</u>	<u>Funded Ratio</u>	<u>Unfunded Actuarial Accrued Liability</u>	<u>Member Payroll</u>	<u>Ratio to Payroll</u>
12/31/86	\$ 619,951	\$1,073,488	57.8%	\$453,537	\$297,152	152.6%
12/31/87 ¹	734,851	1,088,159	67.5	353,308	340,499	103.8
12/31/88	812,527	1,175,599	69.1	363,072	365,651	99.3
6/30/89	853,852	1,327,127	64.3	473,276	391,329	120.9
6/30/90	941,482	1,447,574	65.0	506,092	444,841	113.8
6/30/91 ^{2,3,4}	1,124,418	1,588,594	70.8	464,176	494,285	93.9
6/30/92	1,274,729	1,748,589	72.9	473,860	525,411	90.2
6/30/93 ²	1,438,093	1,891,844	76.0	453,751	533,124	85.1
6/30/94 ⁵	1,947,310	2,006,689	97.0	59,379	535,981	11.1
6/30/95	2,086,777	2,148,606	97.1	61,829	550,737	11.2
6/30/95 ⁴	2,172,890	2,148,606	101.1	(24,284)	550,737	(4.4)
6/30/96	2,370,519	2,275,887	104.2	(94,531)	561,692	(16.8)
6/30/96 ^{1,2}	2,370,519	2,340,663	101.3	(29,856)	561,692	(5.3)
6/30/97	2,688,098	2,505,271	107.3	(182,827)	581,453	(31.4)
6/30/97 ^{1,2}	2,688,098	2,487,917	108.0	(200,181)	581,453	(34.4)
6/30/98	2,990,733	2,644,916	113.1	(345,817)	599,847	(57.7)
6/30/98 ⁶	2,834,571	2,677,593	105.9	(156,978)	599,847	(26.2)
6/30/99	3,211,872	2,990,111	107.4	(221,761)	642,780	(34.5)
6/30/00 ²	3,568,671	3,248,822	109.8	(319,849)	672,477	(47.6)
6/30/01	3,745,600	3,506,828	106.8	(238,772)	731,130	(32.7)

¹ After change in economic assumptions.

² After change in actuarial assumptions.

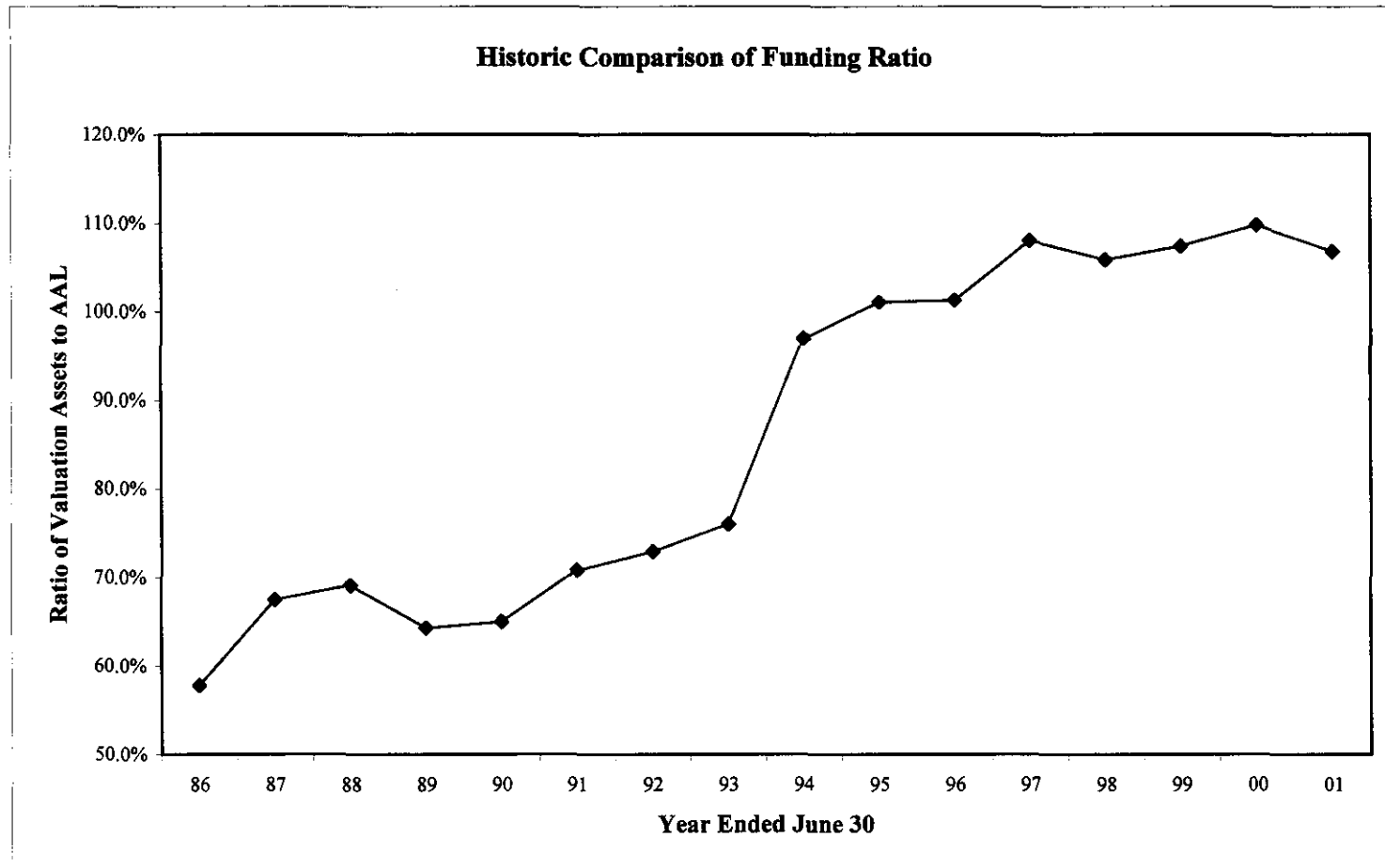
³ After including the Reserve for Future Deficiencies in the assets allocated for funding.

⁴ After change in asset valuation method.

⁵ After Pension Obligation Bond.

⁶ Reflects supplemental benefit reserve transfer of 156.2 million and assumption increases totalling 32.7 million.

**San Diego County Employees' Retirement Association
Funding Process Indicators - Historic Comparison**



Comments & Recommendations

June 30, 2001

COMMENT A: The County's overall contribution rate increased from (2.20)% to 0.81% of payroll. Most would intuitively think that this increase was caused by the poor investment markets during the year. Nothing could be farther from the case! Due to the five-year smoothing of the actuarial value of assets, there actually was an investment gain of \$79.7 million dollars on the actuarial value of assets. The four previous years were all great and more than offset the year's poor market. Put simply, the smoothing method bought one year's time. If markets for the current twelve months prove to be as poor, the smoothing method will not provide enough shelter for a second "pass."

The three reasons for the contribution rate increase are:

1. Some of the previous year's amortization credit was "used up" in applying it against the normal cost rate for which there was not a contribution.
2. There was a net increase in assets that were allocated to benefits not valued in this valuation and, therefore, were excluded from valuation assets. The overall contribution rate would have continued to be less than zero, if not for a net transfer of \$43 million dollars into assets that are not counted for valuation purposes; the health benefits and STAR COLA reserves.
3. There was a slight experience loss of 13 million.

COMMENT B: Despite the investment "gain", there was a very slight overall actuarial loss of 13 million. There was also a sizable actuarial loss of \$42.7 million due to pay increases in excess of anticipated. Aggregate payroll increased by almost 9%, the largest increase in ten years, as the number of active members grew by 4%.

During the course of our analysis, we noted one interesting demographic. Based on data provided, there is a unusual relationship between male and female active members. Of the net increase of 677 in active member number count, there is a net increase of 524 in the female number count and only 151 for males. We have asked staff to research this. This is likely the first year in many years (if ever) that the percentage of female actives exceeds 60%.

Increased payroll partly reflected another phenomena. There was an actuarial loss due to unusually low rates of employee turnover. This is reflected in the increased active member number count, the increase in overall average attained age for members (particularly Tier 1 Safety members) and in a 35% decrease in the number of new retirants. Such low turnover may have reflected, in part, some anticipation of potential increases in benefits. Something tells us that County turnover will remain extremely low through February 2002.

COMMENT C: This valuation does NOT reflect pending benefit increases that are tentatively scheduled to take place in March 2002. Such increases will increase the accrued liabilities by roughly one billion dollars. Concurrent with the benefit increase, the Retirement Board has put a policy in place which will increase the period for amortization of unfunded liabilities from five to 10 years.

San Diego County Employees' Retirement Association
Comments & Recommendations
June 30, 2001

(Continued)

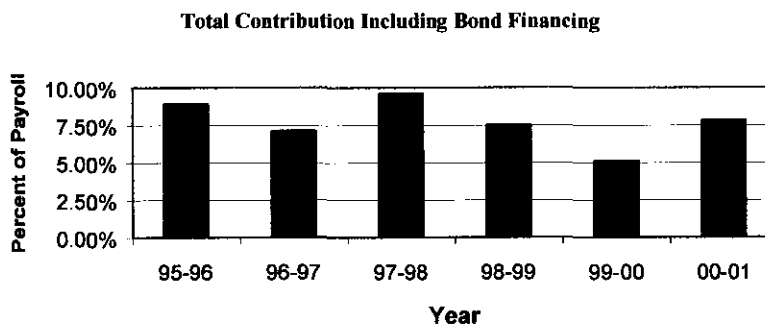
COMMENT D: In February 1994, the Retirement System's unfunded actuarial accrued liability of \$428.5 million was retired at such point in time due to the issuance with a Pension Obligation Bond. Such liability retirement occurred because it was felt that there was an arbitrage advantage in funding such obligation outside the Retirement System through a bond issuance. In other words, the reduced contribution to the System in recent years is largely attributable to the Pension Obligation Bond.

The financing cost of the Bond was \$51.2 million in the 2000-01 fiscal year, compared to \$48.8 million for the 1999-00 fiscal year. When this cost of 7.0% of the June 30, 2001 valuation payroll is considered, a MUCH truer picture of County pension costs results.

In retrospect, the issuance of the Pension Obligation Bond turned out to be a stroke of genius. The arbitrage gain to the County has been dwarfed by the System's ability to take advantage of an extremely favorable investment climate to generate larger investment gains than would have otherwise occurred.

It is possible that the County will seriously consider issuing another once the pending benefit increase is in place. The Retirement Board should be mindful that investing an usually large influx of money presents another element of risk/reward, depending on when such influx is received in the investment market cycle.

"And, Now, The Rest of the Story"



COMMENT E: The funded ratio has decreased from 110% to 107%.

COMMENT F: As of June 30, 2001, market value of assets is \$114 million in excess of the actuarial value of assets. This is a dramatic drop from the \$518 million dollar excess in market value over actuarial value in the 2000 valuation. In other words, most of the System's pipeline (i.e. "rainy day money") was used in the past year.

San Diego County Employees' Retirement Association

Comments & Recommendations

June 30, 2001

(Continued)

COMMENT G: The sum of active member contribution balances from the data tape as of June 30, 2000 is \$189,134,066. The sum for all vested deferred members is \$24,164,228. These two sums are slightly less by \$848,000 than the Member Deposit Reserve balance of \$214,146,000.

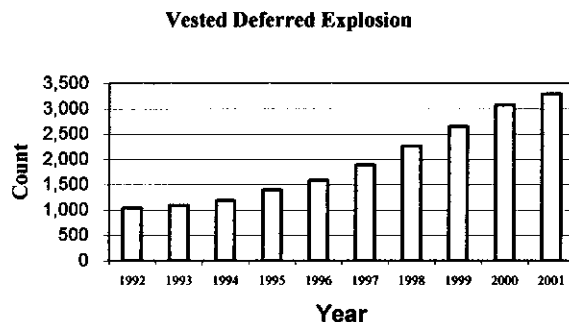
COMMENT H: The Retired Members Reserve is \$1,454,765,000 as of June 30, 2001. Since the liability for current retirants and beneficiaries is \$1,549,360,885 we recommend that the \$94,595,885 difference be transferred into this Reserve.

COMMENT I: In August 1997, the California Supreme Court ruled unanimously, in a case brought forth for Ventura County public safety employees, that the definition of pension compensation be expanded. Non-base pay components, traditionally not used, were ordered to be included in pension compensation by this ruling.

The County was still pursuing litigation in this matter as of the June 30, 2001 valuation date. Thus, all the potential liabilities associated with this case are not reflected in this valuation. However, a proposed settlement has since been reached as part of the benefit increases that will soon be conferred.

COMMENT J: As has occurred in the past decade, the ranks of the vested deferred members keep growing significantly. We had predicted this ten years ago due to the large non-refundable "pick up" of employee contributions that was implemented earlier in the 1980's. Their actuarial liability increased from \$154.4 million to \$170.9 million, an 11% increase. The number count increased by 7%.

In conjunction with pending benefit increases, there will be increases in employee contribution rates for General members. To the extent that this will increase refundable balances, this may slow down the rate of future increases in deferred vested members.



COMMENT K: The County Retirement System continues to be in outstanding financial condition in accordance with the actuarial principles of level-cost financing.

SUMMARY OF BENEFIT PROVISIONS

&

VALUATION DATA SUBMITTED BY RETIREMENT SYSTEM

Effective July 1, 2001

1. Membership Requirements - First of month following employment (§31552).
2. Final Compensation (Salary Base for Benefits)
 - Tier I - Highest one-year average (§31462.1).
 - Tier II - Highest three-year average (§31462).
3. Service Requirement
 - A. Eligibility
 - General, Tier I Age 50 with 10 years of service, or age 70 regardless of service, or after 30 years, regardless of age (§31672).
 - General, Tier II Age 55 with 10 years of service, or age 70 regardless of service, or after 30 years, regardless of age (§31672).
 - Safety, Tier I & II Age 50 with 10 years of service, or age 70 regardless of service, or after 20 years, regardless of age (§31663.25).
 - B. Benefit Formula Per Year of Service
 - General, Tier I
 - Non-integrated - $1/50$ (§31676.12).
 - Integrated - $1/75$ first \$350 plus $1/50$ excess (§31808.7).
 - General, Tier II
 - Non-integrated - $1/60$ (§31676.1).
 - Integrated - $1/90$ first \$350 plus $1/60$ excess (§31808).
 - Safety, Tier I & II
 - Non-integrated - $1/50$ (§31664).
 - Integrated - $1/75$ first \$350 plus $1/50$ excess (§31808.5).

(Continued on Next Page)

Effective July 1, 2001

(Continued)

C. Retirement Age Factors

Benefits are reduced for retirement before age 57 (50 for Safety) and increased for retirement after age 57 (50 for Safety), in accordance with the following law sections:

General, Tier I	§31676.12
General, Tier II	§31676.1
Safety	§31664

D. Maximum Benefit - 100% of Highest Average Salary (§31664, §31676.1, §31676.12).

E. Minimum Benefit - For Safety members with 25 or more years of credited service, 30% of Highest Average Salary (§31664.5).

4. Ordinary Disability

A. Eligibility - Five years of service (§31720).

B. Benefit Formula Per Year of Service

In general, 1.8% (1.5%, Tier II and Safety) per year of service (in most cases a minimum of one-third salary) (§31727.1, §31727, & §31727.2).

5. Line-of-Duty Disability

A. Eligibility - No age or service requirement (§31720).

B. Benefit - 50% of final compensation (§31727.4).

6. Less than 5 years of Service

Refund of employee contributions with interest plus one month's salary for each year of service to a maximum of six months' salary (§31781).

7. Five Years of Service or more

60% of the greater of Service or Ordinary Disability retirement benefit payable to surviving eligible spouse (§31765.1, §31781.1).

8. Line-of-Duty Death - 50% of Final Compensation payable to spouse (§31787).

(Concluded on Next Page)

Effective July 1, 2001

(Concluded)

9. Death After Retirement

A. Service or Ordinary Disability Retirement

- 60% of member's unmodified allowance continued to eligible spouse (§31760.1).
- \$1,000 lump sum benefit payable to member's beneficiary.

B. Line-of-Duty Disability

100% of member's allowance continued to eligible spouse (§31786).

10. Withdrawal Benefits

A. Less than Five Years of Service

Refund of accumulated employee contributions with interest (§31628).

B. Five or More Years of Service

If contributions left on deposit, entitled to earned benefits commencing at any time after eligible to retire (§31700).

11. Post-retirement Cost-of-Living Benefits

Based on changes in Consumer Price Index to a maximum percent (below) per year, excess "banked."

Tier I 3% (§31870.1)

Tier II 2% (§31870)

12. County Contributions

Determined by the Entry-Age Normal Cost method with funding of Unfunded Actuarial Accrued Liability spread evenly over five years.

13. Member Contributions - Please refer to page 9.

NOTE: The summary of major plan provisions is designed to outline principal plan benefits. If the County should find the plan summary not in accordance with the actual provisions, the County should alert the actuary so they can both be sure the proper provisions are valued.

Summary of Reported Asset Information
Submitted for the June 30, 2001 Valuation

Market Value of Reported Assets		Reserves	
Cash/Short-term	\$33,970,912	Member Deposit Reserve	\$214,146,000
Receivables	51,596,996	County Reserve	1,093,386,000
Stocks	2,452,401,955	Retired Members Reserve	1,454,765,000
Bonds	1,027,376,774	Health Benefits Reserve	181,527,000
Real Estate	250,708,019	401(h) Reserve	7,191,000
Miscellaneous	<u>147,129,378</u>	Star COLA Reserve	45,000,000
Gross Market Value	\$3,963,184,034	Undistributed Reserve	<u>724,443,274</u>
Liabilities	146,316,760		
Net Market Value	\$3,816,867,274	Total Reserves	\$3,720,458,274
		Unrealized Appreciation	96,409,000
		Total Market Value	\$3,816,867,274

Revenues and Disbursements Among Applicable Reserves

Balance - Beginning of year	\$3,901,135,054 ¹
Revenues	
Employees' Contributions	10,789,179
Employer Contributions	41,123,265 ²
Distributed and undistributed investment income	(76,115,547)
Total Revenues	(24,203,103)
Disbursements	
Retirement and Disability Benefit Payments	\$135,450,912
Death Benefits	423,016
Health Benefit Payments	10,778,016
STAR Cost of Living Allowance	8,176,532
Refunds	1,645,201
Total Disbursements	\$156,473,677
Balance - End of year	\$3,720,458,274
Net Unrealized Appreciation	<u>96,409,000</u>
Total Market Value	\$3,816,867,274 ¹

¹ Net of "wash" items related to securities lending

² Includes employer pickup of employee contributions

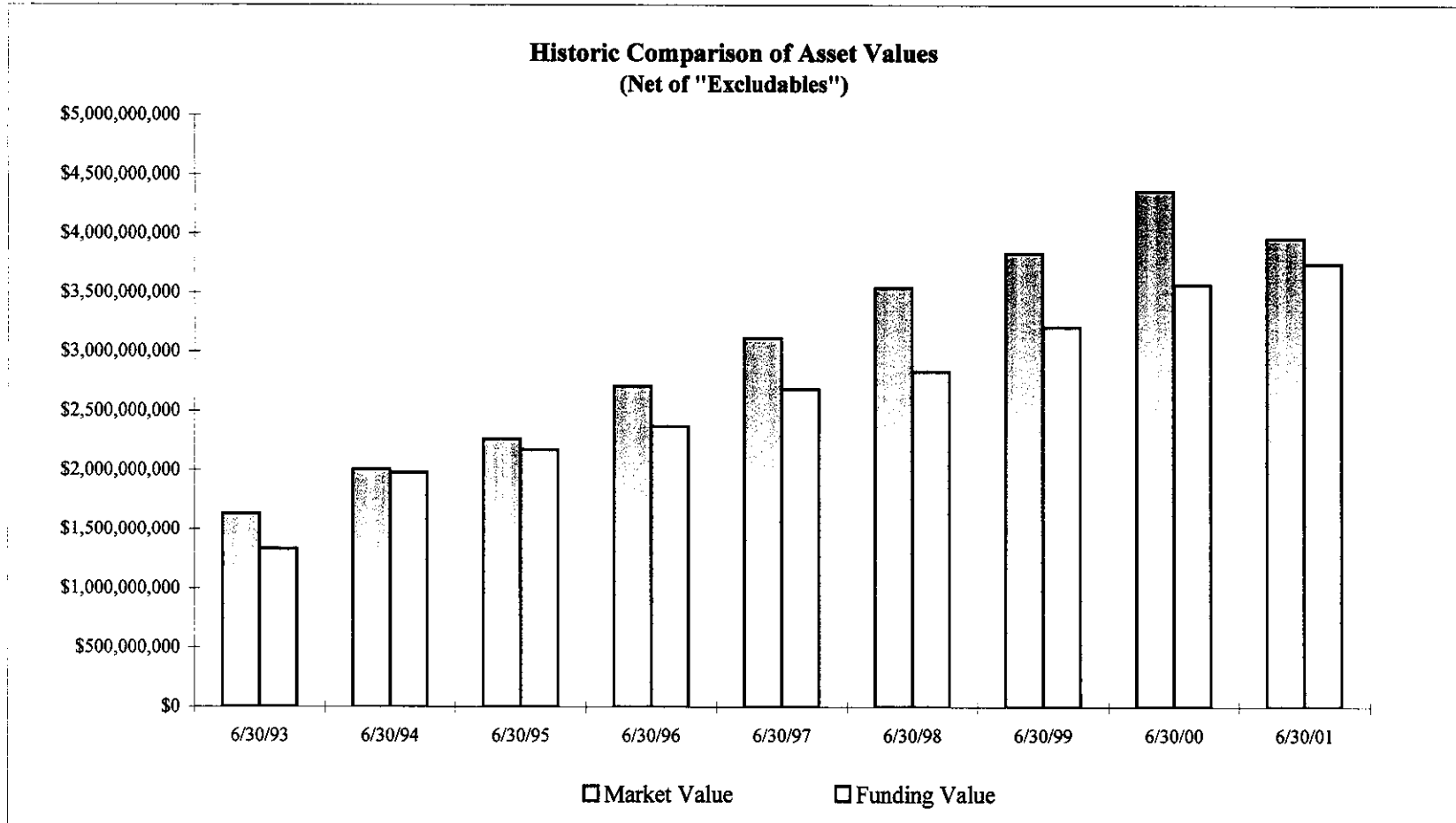
San Diego County Employees' Retirement Association
Development of Funding Value of Assets
Year Ending June 30, 2001

	Plan Year Ended June 1997	Plan Year Ended June 1998	Plan Year Ended June 1999	Plan Year Ended June 2000	Plan Year Ended June 2001
A. Prelim Funding Value BOY	\$2,370,519,097	\$2,688,097,675	\$2,834,571,391	\$3,211,872,429	\$3,568,670,609
B. Gross Market Value EOY	3,116,456,802	3,539,640,771	3,834,322,248	4,362,148,191	3,963,184,034
C. Gross Market Value BOY	2,709,480,962	3,116,456,802	3,539,640,771	3,834,322,248	4,362,148,191
D. Non-investment Cash Flow	(34,718,735)	(50,634,868)	(76,466,415)	(85,172,434)	(91,989,663)
D1. Employer Contributions				38,166,867	41,123,265
E. Investment Income					
E1. Market Total=B-C2-D	441,694,575	473,818,837	371,147,892	612,998,377	(306,974,494)
E2. 8.25% (8% pre-6/30/97) Recognition	188,252,778	219,679,370	230,697,900	263,040,496	292,317,086 ²
E3. Phased-in Recognition=E1-E2	253,441,797	254,139,467	140,449,992	349,957,881	(599,291,580)
F. Phased-in Recognition					
F1. Current Year=E3 x 20%	50,688,359	50,827,893	28,089,998	69,991,576	(119,858,316)
F2. First Prior Year	57,149,883	50,688,359	50,827,893	28,089,998	69,991,576
F3. Second Prior Year	23,851,103	57,149,883	50,688,359	50,827,893	28,089,998
F4. Third Prior Year	(35,396,117)	23,851,103	57,149,883	50,688,359	50,827,893
F5. Fourth Prior Year	16,139,159	(35,396,117)	23,851,103	57,149,883	50,688,359
F6. Total Recognized Gain	112,432,387	147,121,121	210,607,237	256,747,710	79,739,511
G. Prelim Funding Value EOY =A2+D+E2+F6	2,636,485,527	3,004,263,299	3,199,410,113	3,646,488,201	3,848,737,543
H. Excludables and Payables					
H1. End of Year	47,090,690	216,782,598	199,079,545	276,897,137	380,034,760
H2. Beg of Year	98,702,838	47,090,690	216,782,598	199,079,545	276,897,137
H3. Change=H1-H2	(51,612,148)	169,691,908	(17,703,053)	77,817,592	103,137,623
I. Final Funding Value = G-H3	2,688,097,675	2,834,571,391	3,211,872,429 ¹	3,568,670,609	3,745,599,920

¹ Reflects historical reconciliation adjustment of \$5,240,737

² (A+D1)* .0825 + (D-D1)* .04125

**San Diego County Employees' Retirement Association
Development of Funding Value of Assets
Year Ending June 30, 2001**



San Diego County Employees' Retirement Association
Allocation of Funding Value of Assets Among Valuation Groups
6/30/01 Valuation

A more refined breakdown of asset values is needed to develop contribution rates for General and Safety employees. One approach follows:

	<u>General Members</u>	<u>Safety Members</u>	<u>Totals</u>
1) Beginning of Year Asset Allocation	\$2,697,283,743	\$871,386,866	\$3,568,670,609
2) Estimated Percentage of Total Employee Contributions including Pickup	68.7%	31.3%	100%
3) Employee Contributions less Refunds, in proportion to (2)	6,283,742	2,860,236	9,143,978
4) Change in Employer Reserve (Contribution less Death Benefit) in proportion to (2)	27,969,211	12,731,038	40,700,249
5) Annual Allowances for Retired Members	109,737,241	21,425,784	131,163,025
6) Benefit Payments in proportion to (5)	113,324,691	22,126,221	135,450,912
7) Subtotal=(1)+(3)+(4)-(6)	2,618,212,004	864,851,920	3,483,063,924
8) Total Funding Value			3,745,599,920
9) Residual to Allocate			262,535,996
10) Allocate Residual in proportion to (7)	197,347,769	65,188,226	262,535,996
11) 6/30/01 Asset Allocation=(7)+(10)	2,815,559,774	930,040,146	3,745,599,920

Retirants and Beneficiaries June 30, 2001

General Members

Tabulated by Type of Allowances Being Paid

Type of Allowance	Tier I		Tier II	
	<u>No.</u>	<u>Annual Allowances</u>	<u>No.</u>	<u>Annual Allowances</u>
Service Retirement				
Straight Life	1,198	\$15,378,996	138	\$937,553
Cash Refund Annuity	21	186,369	12	128,079
Joint & 50% Survivor	5	84,742	1	11,399
Joint & 100% Survivor	48	712,621	32	234,919
Automatic Joint & 60% Survivor	3,158	54,899,262	1026	9,473,640
Social Security Equated	409	11,340,903	203	2,251,215
Beneficiary	676	5,753,405	38	237,668
Total Service Retirement	5,515	\$88,356,298	1,450	\$13,274,473
Non-Duty Disability Retirement				
Straight Life	85	788,652	33	279,431
Cash Refund Annuity	1	5,000	1	7,612
Joint & 50% Survivor			2	21,754
Joint & 100% Survivor	1	8,023		
Automatic Joint & 60% Survivor	95	1,204,548	126	1,214,432
Beneficiary of Deceased Disabiltant	76	1,061,882	37	233,852
Duty Disability Retirement				
Straight Life	57	934,585	56	770,338
Cash Refund Annuity			1	13,493
Joint & 50% Survivor			1	8,521
Automatic Joint & 100% Survivor	128	2,463,561	209	3,293,004
Other	11	115,917		
Beneficiary of Deceased Disabiltant	21	289,784	6	93,310
Total Disability Retirement	475	6,871,952	472	5,935,747
Death Before Retirement	121	1,116,574	38	222,820
Total Allowances Being Paid	6,111	\$96,344,824	1,960	\$19,433,040

San Diego County Employees' Retirement Association

Retirants and Beneficiaries June 30, 2001

Safety Members

Tabulated by Type of Allowances Being Paid

Type of Allowance	Tier I		Tier II	
	<u>No.</u>	<u>Annual Allowances</u>	<u>No.</u>	<u>Annual Allowances</u>
Service Retirement				
Straight Life	31	\$854,276	1	\$9,313
Joint & 50% Survivor	1	35,978		
Joint & 100% Survivor	4	137,895	1	13,040
Automatic Joint & 60% Survivor	279	10,736,321	45	786,046
Social Security Equated	15	652,459	10	147,483
Beneficiary	26	501,512	1	24,303
Total Service Retirement	356	\$12,918,441	58	\$980,185
Non-Duty Disability Retirement				
Straight Life	2	28,189		
Automatic Joint & 60% Survivor	14	284,616	8	98,838
Beneficiary of Deceased Disablitant	2	16,120		
Duty Disability				
Straight Life	29	643,977	32	670,722
Automatic Joint & 100% Survivor	124	3,398,648	169	3,877,191
Other	14	188,227		
Beneficiary of Deceased Disablitant	17	378,086	5	86,126
Total Disability Retirement	202	4,937,863	214	4,732,877
Death Before Retirement	12	203,899	8	126,181
Total Allowances Being Paid	570	\$18,060,203	280	\$5,839,243

San Diego County Employees' Retirement Association

Retirants and Beneficiaries June 30, 2001

Total Members

Tabulated by Type of Allowances Being Paid

Type of Allowance	<u>No.</u>	<u>Annual Allowances</u>
Service Retirement		
Straight Life	1,368	\$17,180,138
Cash Refund Annuity	33	314,448
Joint & 50% Survivor	7	132,119
Joint & 100% Survivor	85	1,098,476
Automatic Joint & 60% Survivor	4,508	75,895,268
Social Security Equated	637	14,392,060
Beneficiary	741	6,516,888
Total Service Retirement	7,379	\$115,529,397
Non-Duty Disability Retirement		
Straight Life	120	1,096,272
Cash Refund Annuity	2	12,612
Joint & 50% Survivor	2	22,189
Joint & 100% Survivor	1	8,023
Automatic Joint & 60% Survivor	243	2,802,433
Beneficiary of Deceased Disabiltant	115	1,311,854
Duty Disability Retirement		
Straight Life	174	3,019,622
Cash Refund Annuity	1	13,493
Joint & 50% Survivor	1	8,521
Automatic Joint & 100% Survivor	630	13,032,404
Other	25	304,144
Beneficiary of Deceased Disabiltant	49	847,306
Total Disability Retirement	1363	22,478,873
Death Before Retirement	179	1,669,475
Total Allowances Being Paid	8,921	\$139,677,745

Retirants and Beneficiaries – Comparative Statement

Valuation Date	Rolls End of Year		Average Allowance	Percent Increase	Present Value Of Allowances	Percent Increase
	No.	Annual Allowances				
12/31/85	5,379	\$37,413,879	\$6,956	--%	\$481,069,682	--%
12/31/86	5,594	41,041,329	7,337	5.5	522,748,160	8.7
12/31/87 ¹	5,773	44,403,125	7,692	4.8	511,264,996	(2.2)
12/31/88	6,001	49,201,600	8,199	6.6	563,375,624	10.2
6/30/89	6,162	53,161,400	8,627	5.2	597,856,810	6.1
6/30/90	6,416	58,472,570	9,114	5.6	652,992,996	9.2
6/30/91	6,574	63,307,638	9,630	5.7	700,688,515	7.3
6/30/91 ²	6,574	63,307,638	9,630	5.7	711,194,133	8.9
6/30/92	6,759	68,741,191	10,170	5.6	764,731,591	7.5
6/30/93	6,931	74,286,817	10,718	5.4	817,815,733	6.9
6/30/94	7,106	80,270,720	11,296	5.4	876,130,581	7.1
6/30/95	7,294	86,660,001	11,881	5.2	931,221,285	6.3
6/30/96	7,499	93,627,577	12,485	5.1	988,345,777	6.1
6/30/96 ²	7,499	93,627,577	12,485	5.1	1,023,046,508	9.9
6/30/97	7,692	99,998,279	13,000	4.1	1,088,434,068	6.4
6/30/97 ²	7,692	99,998,279	13,000	4.1	1,093,599,640	6.9
6/30/98	7,955	107,752,376	13,545	4.2	1,193,666,958	9.2
6/30/99	8,292	118,154,737	14,249	5.2	1,313,729,971	10.1
6/30/00	8,703	131,163,025	15,071	5.8	1,463,826,543 ¹	11.4
6/30/01	8,921	139,677,744	15,657	3.9	1,549,360,885	5.8

¹ After change in economic assumptions.

² After change in actuarial assumptions.

Retirants and Beneficiaries June 30, 2001
Tabulated by Attained Ages and Year of Retirement

General Members

Tier I

<u>Year</u> <u>Retired</u>	<u>Age Groups</u>								<u>TOTALS</u>
	<u>0-49</u>	<u>50-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-89</u>	<u>90+</u>	
Before									
1982	15	9	24	33	170	428	1,174	266	2,119
1982	0	6	8	4	47	67	105	2	239
1983	1	7	5	27	47	64	94	1	246
1984	0	5	5	26	56	51	71	1	215
1985	1	2	6	26	51	81	54	0	221
1986	1	5	1	37	56	82	49	0	231
1987	1	4	4	41	60	89	33	0	232
1988	3	4	19	42	60	92	22	0	242
1989	0	12	23	57	80	62	18	0	252
1990	1	6	25	47	66	54	9	0	208
1991	5	7	35	42	61	28	7	0	185
1992	2	5	26	44	69	25	5	0	176
1993	1	15	18	40	63	14	3	0	154
1994	1	23	39	49	52	9	0	0	173
1995	1	35	35	69	33	5	0	0	178
1996	0	34	42	60	23	3	3	0	165
1997	1	48	36	60	15	0	2	0	162
1998	0	63	66	73	9	6	1	0	218
1999	2	78	62	49	9	1	2	0	203
2000	2	86	73	28	1	0	0	0	190
2001	1	45	47	6	3	0	0	0	102
TOTALS	39	499	599	860	1,031	1,161	1,652	270	6,111

While not used in the financial computations, the following group averages are computed and shown for their general interest.

Age at Retirement: 58.1
Attained Age: 73.4
Annual Pension: \$15,766

Retirants and Beneficiaries June 30, 2001
Tabulated by Attained Ages and Year of Retirement

General Members

Tier II

Year	Age Groups								
<u>Retired</u>	<u>0-49</u>	<u>50-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-89</u>	<u>90+</u>	<u>TOTALS</u>
1982	0	1	0	0	0	0	0	0	1
1983	1	2	0	0	0	0	0	0	3
1984	0	0	0	1	1	0	0	0	2
1985	0	1	1	1	2	0	0	0	5
1986	2	2	1	1	3	4	2	0	15
1987	1	3	0	2	5	9	1	0	21
1988	1	4	1	2	2	5	4	0	19
1989	2	4	3	6	8	10	5	0	38
1990	7	6	2	11	15	20	6	0	67
1991	5	11	4	19	25	16	3	0	83
1992	9	13	8	11	29	14	5	0	89
1993	9	3	12	13	28	14	3	0	82
1994	11	9	13	22	34	9	3	0	101
1995	11	17	15	25	34	11	3	0	116
1996	14	30	35	30	46	7	3	0	165
1997	21	21	46	47	42	7	4	0	188
1998	19	42	55	78	43	8	2	0	247
1999	20	57	66	79	27	8	1	0	258
2000	19	76	76	80	35	2	0	0	288
2001	7	59	47	45	12	2	0	0	172
TOTALS	159	361	385	473	391	146	45	0	1,960

While not used in the financial computations, the following group averages are computed and shown for their general interest.

Age at Retirement: 59.0
Attained Age: 63.5
Annual Pension: \$9,915

Retirants and Beneficiaries June 30, 2001
Tabulated by Attained Ages and Year of Retirement

Safety Members
Tier I

<u>Year</u> <u>Retired</u>	<u>Age Groups</u>								<u>TOTALS</u>
	<u>0-49</u>	<u>50-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-89</u>	<u>90+</u>	
Before									
1982	2	30	16	25	48	43	27	5	196
1982	0	1	1	3	4	4	0	0	13
1983	0	4	7	5	7	5	0	0	28
1984	0	1	3	5	7	2	0	0	18
1985	0	6	2	8	7	1	0	0	24
1986	2	0	2	8	3	0	0	0	15
1987	1	0	4	3	2	1	0	0	11
1988	0	8	3	2	7	2	0	0	22
1989	0	2	3	6	0	0	0	0	11
1990	0	5	2	10	1	0	0	0	18
1991	0	3	5	6	0	0	0	0	14
1992	0	3	2	7	2	1	0	0	15
1993	0	2	5	7	3	0	0	0	17
1994	0	2	8	3	0	0	0	0	13
1995	1	4	8	1	0	0	0	0	14
1996	2	5	7	3	2	1	0	0	20
1997	1	9	2	2	0	0	0	0	14
1998	3	9	8	0	0	0	0	0	20
1999	0	15	7	1	0	0	0	0	23
2000	1	22	13	1	0	0	0	0	37
2001	1	17	8	1	0	0	0	0	27
TOTALS	14	148	116	107	93	60	27	5	570

While not used in the financial computations, the following group averages are computed and shown for their general interest.

Age at Retirement: 50.5
Attained Age: 64.8
Annual Pension: \$31,685

Retirants and Beneficiaries June 30, 2001
 Tabulated by Attained Ages and Year of Retirement

Safety Members

Tier II

Year Retired	Age Groups								<u>TOTALS</u>
	<u>0-49</u>	<u>50-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-89</u>	<u>90+</u>	
Before									
1982	1	0	0	0	0	0	0	0	1
1982	0	1	0	0	0	0	0	0	1
1983	0	1	0	0	0	0	0	0	1
1984	1	0	0	0	0	0	0	0	1
1985	1	1	0	0	0	0	0	0	2
1986	2	1	0	0	0	0	0	0	3
1987	3	1	0	0	0	0	0	0	4
1988	7	4	1	0	0	0	0	0	12
1989	10	2	0	0	1	0	0	0	13
1990	9	5	2	1	0	0	0	0	17
1991	10	6	0	3	0	0	0	0	19
1992	9	5	3	1	0	0	0	0	18
1993	10	5	1	0	0	0	0	0	16
1994	7	3	1	1	0	0	0	0	12
1995	10	5	3	0	0	0	0	0	18
1996	9	6	2	2	1	0	0	0	20
1997	5	8	1	0	0	0	0	0	14
1998	9	8	4	0	1	0	0	0	22
1999	13	4	4	0	1	0	0	0	22
2000	8	17	9	1	3	0	0	0	38
2001	13	11	2	0	0	0	0	0	26
TOTALS	137	94	33	9	7	0	0	0	280

While not used in the financial computations, the following group averages are computed and shown for their general interest.

Age at Retirement: 43.4
 Attained Age: 49.7
 Annual Pension: \$20,854

Beneficiaries (with Average Benefits)
Tabulated by Attained Ages and Year of Retirement
As of June 30, 2001

<u>Year</u> <u>Retired</u>	<u>Age Groups</u>								<u>TOTALS</u>
	<u>0-49</u>	<u>50-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-89</u>	<u>90+</u>	
Before									
1982 NO.	8	10	17	24	59	115	290	59	582
AVG	4,297	12,765	7,801	8,672	8,861	8,028	7,359	5,547	7,577
1982 NO.	0	2	4	4	8	11	17	0	46
AVG	0	6,052	8,705	8,779	13,866	8,414	6,061	0	8,447
1983 NO.	1	6	2	5	12	11	10	1	48
AVG	5,663	7,219	8,521	7,876	10,371	8,564	7,230	7,381	8,411
1984 NO.	0	3	5	4	10	8	8	0	38
AVG	0	14,677	8,752	4,682	9,068	6,349	13,938	0	9,460
1985 NO.	1	1	3	5	7	6	7	0	30
AVG	7,035	4,550	10,198	9,337	13,108	6,269	10,409	0	9,703
1986 NO.	1	3	1	4	12	3	6	0	30
AVG	4,031	9,291	15,217	8,876	11,603	5,872	9,086	0	9,800
1987 NO.	2	1	2	6	11	8	3	0	33
AVG	19,192	13,993	2,591	14,403	9,382	9,880	8,193	0	10,630
1988 NO.	3	5	1	3	9	4	2	0	27
AVG	15,795	8,555	57,564	6,893	12,396	10,349	13,901	0	12,932
1989 NO.	2	6	1	6	5	3	2	0	25
AVG	10,523	13,621	226	11,776	10,605	20,226	15,377	0	12,724
1990 NO.	2	4	2	5	4	2	2	0	21
AVG	6,139	18,085	8,593	8,124	14,982	19,384	12,811	0	12,702
1991 NO.	5	8	2	6	4	3	2	0	30
AVG	110,056	18,819	4,618	11,629	8,755	11,284	15,945	0	29,353
1992 NO.	3	4	3	3	3	3	0	0	19
AVG	4,548	7,390	23,661	18,481	23,983	8,521	0	0	14,060
1993 NO.	1	3	2	4	2	3	0	0	15
AVG	21,315	15,403	11,559	17,101	28,097	12,005	0	0	16,750
1994 NO.	4	4	4	2	7	1	1	0	23
AVG	13,084	10,357	9,248	17,860	13,917	11,690	7,763	0	12,320
1995 NO.	5	8	1	4	2	1	0	0	21
AVG	8,089	10,902	4,979	10,626	24,507	7,505	0	0	11,032
1996 NO.	8	6	6	2	0	0	1	0	23
AVG	7,146	16,325	16,436	8,841	0	0	8,127	0	12,154
1997 NO.	7	5	6	3	1	2	0	0	24
AVG	11,460	13,456	6,903	9,761	4,400	4,537	0	0	9,653
1998 NO.	4	6	2	4	0	0	0	0	16
AVG	5,082	9,965	5,247	9,464	0	0	0	0	8,029
1999 NO.	6	3	3	0	1	1	0	0	14
AVG	12,427	16,142	9,391	0	6,492	21,639	0	0	12,807
2000 NO.	1	4	4	2	1	0	0	0	12
AVG	6,006	12,899	12,302	6,066	5,354	0	0	0	10,358
2001 NO.	5	2	0	0	0	0	0	0	7
AVG	8,429	7,201	0	0	0	0	0	0	8,078
TOTALS NO.	69	94	71	96	158	185	351	60	1,084
AVG	16,357	12,391	10,245	10,112	10,971	8,547	7,706	5,578	9,544

Retirants (with Average Benefits)
Tabulated by Attained Ages and Year of Retirement
As of June 30, 2001

<u>Year Retired</u>	<u>Age Groups</u>								<u>TOTALS</u>
	<u>0-49</u>	<u>50-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-89</u>	<u>90+</u>	
Before									
1982 NO.	10	29	23	34	159	356	911	212	1,734
AVG	6,989	17,437	14,295	14,755	10,543	10,583	11,046	8,086	10,742
1982 NO.	0	7	5	3	43	60	88	2	208
AVG	0	14,141	18,480	22,916	10,742	14,754	11,447	7,167	12,639
1983 NO.	1	8	10	27	42	58	84	0	230
AVG	7,227	15,389	19,269	10,847	13,913	14,542	15,223	0	14,445
1984 NO.	1	3	3	28	54	45	63	1	198
AVG	18,214	18,312	25,406	10,906	12,596	15,939	13,381	6,175	13,643
1985 NO.	1	9	6	30	53	76	47	0	222
AVG	14,882	21,263	16,877	14,224	15,007	16,776	15,218	0	15,855
1986 NO.	6	5	3	42	50	83	45	0	234
AVG	18,662	20,211	15,847	10,881	16,956	17,496	14,508	0	15,685
1987 NO.	4	7	6	40	56	91	31	0	235
AVG	16,685	14,877	22,839	12,030	17,108	17,896	13,250	0	16,112
1988 NO.	8	15	23	43	60	95	24	0	268
AVG	17,333	22,346	13,617	13,672	22,399	18,109	12,956	0	17,725
1989 NO.	10	14	28	63	84	69	21	0	289
AVG	17,839	17,988	12,431	16,909	19,563	17,370	17,388	0	17,476
1990 NO.	15	18	29	64	78	72	13	0	289
AVG	16,546	19,339	16,429	18,732	20,370	16,445	17,968	0	18,263
1991 NO.	15	19	42	64	82	41	8	0	271
AVG	18,587	18,196	15,314	16,350	21,416	18,124	16,554	0	18,250
1992 NO.	17	22	36	60	97	37	10	0	279
AVG	17,451	17,620	16,186	21,469	21,782	15,621	15,309	0	19,352
1993 NO.	19	22	34	56	92	25	6	0	254
AVG	18,022	16,337	16,940	21,775	22,587	16,498	13,962	0	19,966
1994 NO.	15	33	57	73	79	17	2	0	276
AVG	17,877	13,923	19,588	22,421	19,796	12,117	18,150	0	19,156
1995 NO.	18	53	60	91	65	15	3	0	305
AVG	20,321	17,815	18,543	22,256	21,965	19,998	15,813	0	20,403
1996 NO.	17	69	80	93	72	11	5	0	347
AVG	17,953	15,397	19,301	22,095	18,008	16,309	25,165	0	18,929
1997 NO.	21	81	79	106	56	5	6	0	354
AVG	18,541	17,229	17,856	18,580	12,528	10,672	11,882	0	16,924
1998 NO.	27	116	131	147	53	14	3	0	491
AVG	19,402	17,790	23,117	20,259	9,838	13,444	7,497	0	18,994
1999 NO.	29	151	136	129	36	8	3	0	492
AVG	16,212	19,892	21,989	19,501	12,270	19,364	10,647	0	19,530
2000 NO.	29	197	167	108	38	2	0	0	541
AVG	14,565	21,510	24,775	17,964	9,908	9,417	0	0	20,578
2001 NO.	17	130	104	52	15	2	0	0	320
AVG	22,143	20,052	25,119	12,993	10,402	8,134	0	0	20,136
TOTALS NO.	280	1,008	1,062	1,353	1,364	1,182	1,373	215	7,837
AVG	17,476	18,830	20,591	18,282	16,871	14,825	12,080	8,068	16,503

Total Retirants and Beneficiaries (with Average Benefits)

Tabulated by Attained Ages and Year of Retirement

As of June 30, 2001

Year Retired	Age Groups								TOTALS
	0-49	50-59	60-64	65-69	70-74	75-79	80-89	90+	
Before									
1982 NO.	18	39	40	58	218	471	1,201	271	2,316
AVG	5,793	16,239	11,535	12,238	10,087	9,959	10,156	7,533	9,947
1982 NO.	0	9	9	7	51	71	105	2	254
AVG	0	12,344	14,136	14,837	11,232	13,772	10,575	7,167	11,880
1983 NO.	2	14	12	32	54	69	94	1	278
AVG	6,445	11,887	17,477	10,382	13,126	13,589	14,372	7,381	13,403
1984 NO.	1	6	8	32	64	53	71	1	236
AVG	18,214	16,494	14,997	10,128	12,045	14,491	13,444	6,175	12,970
1985 NO.	2	10	9	35	60	82	54	0	252
AVG	10,959	19,591	14,651	13,526	14,786	16,007	14,595	0	15,123
1986 NO.	7	8	4	46	62	86	51	0	264
AVG	16,572	16,116	15,689	10,706	15,920	17,091	13,870	0	15,017
1987 NO.	6	8	8	46	67	99	34	0	268
AVG	17,520	14,766	17,777	12,339	15,839	17,248	12,804	0	15,437
1988 NO.	11	20	24	46	69	99	26	0	295
AVG	16,914	18,899	15,448	13,230	21,095	17,795	13,029	0	17,286
1989 NO.	12	20	29	69	89	72	23	0	314
AVG	16,619	16,678	12,010	16,462	19,060	17,489	17,214	0	17,098
1990 NO.	17	22	31	69	82	74	15	0	310
AVG	15,322	19,111	15,923	17,963	20,107	16,524	17,281	0	17,886
1991 NO.	20	27	44	70	86	44	10	0	301
AVG	41,454	18,381	14,827	15,945	20,827	17,658	16,432	0	19,357
1992 NO.	20	26	39	63	100	40	10	0	298
AVG	15,516	16,046	16,761	21,327	21,848	15,089	15,309	0	19,014
1993 NO.	20	25	36	60	94	28	6	0	269
AVG	18,186	16,225	16,641	21,463	22,705	16,017	13,962	0	19,787
1994 NO.	19	37	61	75	86	18	3	0	299
AVG	16,868	13,538	18,910	22,299	19,318	12,093	14,688	0	18,630
1995 NO.	23	61	61	95	67	16	3	0	326
AVG	17,662	16,909	18,321	21,766	22,041	19,217	15,813	0	19,800
1996 NO.	25	75	86	95	72	11	6	0	370
AVG	14,495	15,471	19,101	21,816	18,008	16,309	22,326	0	18,508
1997 NO.	28	86	85	109	57	7	6	0	378
AVG	16,770	17,009	17,083	18,338	12,385	8,920	11,882	0	16,463
1998 NO.	31	122	133	151	53	14	3	0	507
AVG	17,554	17,405	22,849	19,973	9,838	13,444	7,497	0	18,648
1999 NO.	35	154	139	129	37	9	3	0	506
AVG	15,563	19,819	21,717	19,501	12,114	19,617	10,647	0	19,344
2000 NO.	30	201	171	110	39	2	0	0	553
AVG	14,280	21,339	24,483	17,748	9,791	9,417	0	0	20,356
2001 NO.	22	132	104	52	15	2	0	0	327
AVG	19,026	19,857	25,119	12,993	10,402	8,134	0	0	19,878
TOTALS NO.	349	1,102	1,133	1,449	1,522	1,367	1,724	275	8,921
AVG	17,255	18,281	19,943	17,740	16,259	13,975	11,189	7,525	15,657

San Diego County Employees' Retirement Association
Active Member June 30, 2001
By Attained Ages and Years of Service

General Members Tier I

Age Group	YEARS OF ACCRUED SERVICE												TOTALS
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
40-44 NO.	0	0	0	0	0	0	0	0	20	1	0	0	
TOT PAY	0	0	0	0	0	0	0	0	865,967	37,939	0	0	903,9
AVG PAY	0	0	0	0	0	0	0	0	43,298	37,939	0	0	43,0
45-49 NO.	0	0	0	0	0	0	5	10	94	93	1	0	2
TOT PAY	0	0	0	0	0	0	253,719	382,127	4,522,465	4,325,110	28,330	0	9,511,7
AVG PAY	0	0	0	0	0	0	50,744	38,213	48,111	46,507	28,330	0	46,8
50-54 NO.	0	0	0	0	0	1	6	18	147	261	43	1	4
TOT PAY	0	0	0	0	0	35,963	414,565	806,805	7,580,345	13,892,132	2,007,699	43,867	24,781,3
AVG PAY	0	0	0	0	0	35,963	69,094	44,822	51,567	53,227	46,691	43,867	51,9
55-59 NO.	0	0	0	0	1	1	3	15	91	165	132	15	4
TOT PAY	0	0	0	0	55,598	40,685	240,011	630,459	4,600,248	9,049,162	7,909,220	695,386	23,220,7
AVG PAY	0	0	0	0	55,598	40,685	80,004	42,031	50,552	54,843	59,918	46,359	54,8
60-64 NO.	0	0	0	0	2	0	2	7	38	55	40	15	1
TOT PAY	0	0	0	0	49,858	0	148,117	474,073	1,709,905	2,539,753	2,271,110	719,305	7,912,1
AVG PAY	0	0	0	0	24,929	0	74,058	67,725	44,998	46,177	56,778	47,954	49,7
65-99 NO.	0	0	0	0	0	0	0	0	11	10	6	1	
TOT PAY	0	0	0	0	0	0	0	0	430,706	445,869	302,619	35,963	1,215,1
AVG PAY	0	0	0	0	0	0	0	0	39,155	44,587	50,437	35,963	43,3
TOT NO.	0	0	0	0	3	2	16	50	401	585	222	32	1,3
TOT AMT	0	0	0	0	105,456	76,648	1,056,411	2,293,464	19,709,636	30,289,965	12,518,979	1,494,521	67,545,0
AVG AMT	0	0	0	0	35,152	38,324	66,026	45,869	49,151	51,778	56,392	46,704	51,5

San Diego County Employees' Retirement Association

Active Member June 30, 2001

By Attained Ages and Years of Service

General Members Tier II

Age Group	YEARS OF ACCRUED SERVICE												TOTALS
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19 NO.	7	0	0	0	0	0	0	0	0	0	0	0	7
TOT PAY	98,093	0	0	0	0	0	0	0	0	0	0	0	98,093
AVG PAY	14,013	0	0	0	0	0	0	0	0	0	0	0	14,013
20-24 NO.	164	60	16	5	3	0	0	0	0	0	0	0	248
TOT PAY	4,155,268	1,540,615	396,635	125,778	95,659	0	0	0	0	0	0	0	6,313,955
AVG PAY	25,337	25,677	24,790	25,156	31,886	0	0	0	0	0	0	0	25,459
25-29 NO.	393	204	136	64	48	49	1	0	0	0	0	0	895
TOT PAY	11,387,600	6,255,184	4,543,989	2,209,904	1,555,486	1,555,677	29,598	0	0	0	0	0	27,537,439
AVG PAY	28,976	30,663	33,412	34,530	32,406	31,749	29,598	0	0	0	0	0	30,768
30-34 NO.	254	242	132	110	93	355	145	2	0	0	0	0	1,333
TOT PAY	8,428,462	8,271,152	5,088,346	4,378,554	3,548,796	13,920,331	5,040,599	75,629	0	0	0	0	48,751,870
AVG PAY	33,183	34,178	38,548	39,805	38,159	39,212	34,763	37,814	0	0	0	0	36,573
35-39 NO.	189	145	117	85	89	436	491	95	9	0	0	0	1,656
TOT PAY	5,996,790	4,691,919	3,899,618	3,530,963	3,576,945	17,976,314	21,092,192	3,697,959	335,400	0	0	0	64,798,101
AVG PAY	31,729	32,358	33,330	41,541	40,190	41,230	42,958	38,926	37,267	0	0	0	39,129
40-44 NO.	196	189	106	101	102	451	665	258	82	1	0	0	2,151
TOT PAY	6,126,556	6,476,959	3,795,545	3,900,266	3,899,908	17,636,339	30,667,562	1,283,789	3,288,896	61,402	0	0	87,137,221
AVG PAY	31,258	34,270	35,807	38,616	38,234	39,105	46,117	43,736	40,108	61,402	0	0	40,510
45-49 NO.	187	133	115	91	84	444	594	323	164	4	0	0	2,139
TOT PAY	6,296,464	4,574,155	4,433,895	3,567,720	3,262,204	16,930,561	26,820,741	5,861,990	7,409,053	162,693	0	0	89,319,477
AVG PAY	33,671	34,392	38,556	39,206	38,836	38,132	45,153	49,108	45,177	40,673	0	0	41,758
50-54 NO.	128	125	97	64	75	408	609	282	184	7	0	0	1,979
TOT PAY	4,305,571	4,213,684	3,943,357	2,439,309	2,698,228	15,083,481	27,162,425	2,621,666	7,952,067	368,181	0	0	80,787,969
AVG PAY	33,637	33,709	40,653	38,114	35,976	36,969	44,602	44,758	43,218	52,597	0	0	40,823
55-59 NO.	84	59	43	38	52	280	470	204	139	8	1	0	1,378
TOT PAY	2,401,454	1,983,769	1,705,189	1,520,147	1,931,691	10,776,387	19,365,079	8,806,849	5,775,587	501,509	50,648	0	54,818,308
AVG PAY	28,589	33,623	39,656	40,004	37,148	38,487	41,202	43,171	41,551	62,689	50,648	0	39,781
60-64 NO.	37	23	28	10	20	139	224	99	60	0	2	1	643
TOT PAY	1,180,837	907,858	1,146,142	397,238	860,517	4,927,259	9,031,463	3,865,926	2,426,902	0	157,914	85,010	24,987,065
AVG PAY	31,915	39,472	40,934	39,724	43,026	35,448	40,319	39,050	40,448	0	78,957	85,010	38,860
65-99 NO.	11	4	9	6	14	52	95	25	13	1	0	0	230
TOT PAY	321,275	118,196	295,734	110,157	592,654	1,793,842	3,399,052	1,108,037	420,846	72,862	0	0	8,232,656
AVG PAY	29,207	29,549	32,859	18,359	42,332	34,497	35,779	44,321	32,373	72,862	0	0	35,794
TOT NO.	1,650	1,184	799	574	580	2,614	3,294	1,288	651	21	3	1	12,659
TOT AMT	50,698,369	39,033,492	29,248,450	22,180,036	22,022,088	100,600,192	142,608,711	57,321,844	27,608,752	1,166,647	208,562	85,010	492,782,152
AVG AMT	30,726	32,967	36,606	38,641	37,969	38,485	43,293	44,505	42,410	55,555	69,521	85,010	38,927

San Diego County Employees' Retirement Association

Active Member June 30, 2001

By Attained Ages and Years of Service

Safety Members Tier I

Age Group	YEARS OF ACCRUED SERVICE												TOTALS
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
30-34 NO.	0	0	0	0	0	0	1	0	0	0	0	0	1
TOT PAY	0	0	0	0	0	0	56,399	0	0	0	0	0	56,399
AVG PAY	0	0	0	0	0	0	56,399	0	0	0	0	0	56,399
40-44 NO.	0	0	0	0	0	0	0	0	2	1	0	0	3
TOT PAY	0	0	0	0	0	0	0	0	148,048	69,726	0	0	217,773
AVG PAY	0	0	0	0	0	0	0	0	74,024	69,726	0	0	72,591
45-49 NO.	0	0	0	0	0	0	1	0	30	25	0	0	56
TOT PAY	0	0	0	0	0	0	68,162	0	2,115,450	1,919,080	0	0	4,102,692
AVG PAY	0	0	0	0	0	0	68,162	0	70,515	76,763	0	0	73,262
50-54 NO.	0	0	0	0	0	0	0	2	27	55	16	0	100
TOT PAY	0	0	0	0	0	0	0	202,834	1,875,509	4,177,775	1,224,813	0	7,480,931
AVG PAY	0	0	0	0	0	0	0	101,417	69,463	75,960	76,551	0	74,809
55-59 NO.	0	0	0	0	0	0	1	0	9	37	21	1	69
TOT PAY	0	0	0	0	0	0	48,819	0	567,904	2,648,597	1,642,809	94,345	5,002,473
AVG PAY	0	0	0	0	0	0	48,819	0	63,100	71,584	78,229	94,345	72,500
60-64 NO.	0	0	0	0	0	0	0	0	0	2	2	1	5
TOT PAY	0	0	0	0	0	0	0	0	0	127,451	151,783	60,421	339,655
AVG PAY	0	0	0	0	0	0	0	0	0	63,725	75,891	60,421	67,931
65-99 NO.	0	0	0	0	0	0	0	0	0	1	1	0	2
TOT PAY	0	0	0	0	0	0	0	0	0	83,366	57,725	0	141,092
AVG PAY	0	0	0	0	0	0	0	0	0	83,366	57,725	0	70,546
TOT NO.	0	0	0	0	0	0	3	2	68	121	40	2	236
TOT AMT	0	0	0	0	0	0	173,380	202,834	4,706,911	9,025,994	3,077,130	154,766	17,341,015
AVG AMT	0	0	0	0	0	0	57,793	101,417	69,219	74,595	76,928	77,383	73,479

San Diego County Employees' Retirement Association

Active Member June 30, 2001

By Attained Ages and Years of Service

Safety Members Tier II

Age Group	YEARS OF ACCRUED SERVICE												TOTALS
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
20-24 NO.	14	16	4	4	1	0	0	0	0	0	0	0	39
TOT PAY	432,785	551,152	149,838	144,180	34,719	0	0	0	0	0	0	0	1,312,674
AVG PAY	30,913	34,447	37,460	36,045	34,719	0	0	0	0	0	0	0	33,658
25-29 NO.	24	53	48	51	39	44	0	0	0	0	0	0	259
TOT PAY	733,367	1,823,118	1,817,592	1,992,935	1,596,239	2,042,504	0	0	0	0	0	0	10,005,755
AVG PAY	30,557	34,398	37,867	39,077	40,929	46,421	0	0	0	0	0	0	38,632
30-34 NO.	13	31	24	61	48	207	61	0	0	0	0	0	445
TOT PAY	404,231	1,077,398	913,570	2,419,709	2,037,885	10,446,778	3,252,103	0	0	0	0	0	20,551,674
AVG PAY	31,095	34,755	38,065	39,667	42,456	50,468	53,313	0	0	0	0	0	46,184
35-39 NO.	10	9	10	19	14	151	222	47	0	0	0	0	482
TOT PAY	474,950	359,267	397,115	847,408	591,357	7,431,809	12,430,943	2,782,170	0	0	0	0	25,315,017
AVG PAY	47,495	39,919	39,711	44,600	42,240	49,217	55,995	59,195	0	0	0	0	52,521
40-44 NO.	13	19	12	14	17	51	129	116	29	0	0	0	400
TOT PAY	582,532	776,432	461,041	599,335	716,526	2,652,519	7,305,364	7,155,934	1,852,201	0	0	0	22,101,885
AVG PAY	44,810	40,865	38,420	42,810	42,149	52,010	56,631	61,689	63,869	0	0	0	55,255
45-49 NO.	4	5	10	3	9	45	48	69	86	0	0	0	279
TOT PAY	151,840	224,793	430,570	150,727	354,108	2,286,833	2,787,467	4,337,578	5,719,850	0	0	0	16,443,768
AVG PAY	37,960	44,959	43,057	50,242	39,345	50,819	58,072	62,863	66,510	0	0	0	58,938
50-54 NO.	3	3	6	3	4	22	43	41	46	0	0	0	171
TOT PAY	191,568	104,157	275,694	144,716	156,954	1,156,438	2,432,518	2,558,930	3,013,972	0	0	0	10,034,948
AVG PAY	63,856	34,719	45,949	48,239	39,239	52,565	56,570	62,413	65,521	0	0	0	58,684
55-59 NO.	1	0	0	4	2	9	28	16	15	0	0	0	75
TOT PAY	61,672	0	0	153,109	106,439	580,117	1,643,919	994,631	935,689	0	0	0	4,475,576
AVG PAY	61,672	0	0	38,277	53,219	64,457	58,711	62,164	62,379	0	0	0	59,674
60-64 NO.	0	0	0	0	1	4	8	3	0	0	0	0	16
TOT PAY	0	0	0	0	48,819	229,408	455,265	195,612	0	0	0	0	929,105
AVG PAY	0	0	0	0	48,819	57,352	56,908	65,204	0	0	0	0	58,069
65-99 NO.	0	0	0	0	0	2	2	1	0	0	0	0	5
TOT PAY	0	0	0	0	0	208,162	114,704	68,162	0	0	0	0	391,027
AVG PAY	0	0	0	0	0	104,081	57,352	68,162	0	0	0	0	78,205
TOT NO.	82	136	114	159	135	535	541	293	176	0	0	0	2,171
TOT AMT	3,032,945	4,916,317	4,445,420	6,452,120	5,643,046	27,034,567	30,422,284	18,093,017	11,521,713	0	0	0	111,561,429
AVG AMT	36,987	36,149	38,995	40,579	41,800	50,532	56,233	61,751	65,464	0	0	0	51,387

San Diego County Employees' Retirement Association

Active Member June 30, 2001

By Attained Ages and Years of Service

Probation Members Tier I

Age Group	YEARS OF ACCRUED SERVICE												TOTALS
	<u>0-1</u>	<u>1-2</u>	<u>2-3</u>	<u>3-4</u>	<u>4-5</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35 & Up</u>	
45-49 NO.	0	0	0	0	0	0	0	0	7	4	0	0	11
TOT PAY	0	0	0	0	0	0	0	0	418,966	212,439	0	0	631,405
AVG PAY	0	0	0	0	0	0	0	0	59,852	53,110	0	0	57,400
50-54 NO.	0	0	0	0	0	0	1	0	10	27	9	0	47
TOT PAY	0	0	0	0	0	0	60,590	0	516,053	1,508,561	514,863	0	2,600,067
AVG PAY	0	0	0	0	0	0	60,590	0	51,605	55,873	57,207	0	55,321
55-59 NO.	0	0	0	0	0	1	0	1	5	23	27	1	58
TOT PAY	0	0	0	0	0	46,176	0	125,112	246,795	1,287,052	1,635,663	60,590	3,401,388
AVG PAY	0	0	0	0	0	46,176	0	125,112	49,359	55,959	60,580	60,590	58,645
60-64 NO.	0	0	0	0	0	1	0	0	3	6	3	2	15
TOT PAY	0	0	0	0	0	46,176	0	0	153,117	310,606	200,643	111,488	822,031
AVG PAY	0	0	0	0	0	46,176	0	0	51,039	51,768	66,881	55,744	54,802
65-99 NO.	0	0	0	0	0	0	0	0	0	0	0	1	1
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	50,898	50,898
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	50,898	50,898
TOT NO.	0	0	0	0	0	2	1	1	25	60	39	4	132
TOT AMT	0	0	0	0	0	92,352	60,590	125,112	1,334,932	3,318,658	2,351,168	222,976	7,505,788
AVG AMT	0	0	0	0	0	46,176	60,590	125,112	53,397	55,311	60,286	55,744	56,862

Active Member June 30, 2001

By Attained Ages and Years of Service

Probation Members Tier II

Age Group	YEARS OF ACCRUED SERVICE												TOTALS
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
20-24 NO.	18	8	1	0	0	0	0	0	0	0	0	0	
TOT PAY	533,688	229,919	28,205	0	0	0	0	0	0	0	0	0	791,8
AVG PAY	29,649	28,740	28,205	0	0	0	0	0	0	0	0	0	29,3
25-29 NO.	32	36	33	23	24	17	0	0	0	0	0	0	1
TOT PAY	1,040,942	1,185,979	1,089,900	859,050	951,668	671,248	0	0	0	0	0	0	5,798,7
AVG PAY	32,529	32,944	33,027	37,350	39,653	39,485	0	0	0	0	0	0	35,1
30-34 NO.	19	21	21	24	26	70	9	0	0	0	0	0	1
TOT PAY	627,116	714,900	748,172	931,858	983,406	3,144,397	386,961	0	0	0	0	0	7,536,8
AVG PAY	33,006	34,043	35,627	38,827	37,823	44,920	42,996	0	0	0	0	0	39,6
35-39 NO.	8	8	10	6	3	38	42	6	0	0	0	0	1
TOT PAY	290,135	275,436	377,100	205,966	116,872	1,628,785	1,955,844	307,590	0	0	0	0	5,157,7
AVG PAY	36,267	34,429	37,710	34,328	38,957	42,863	46,568	51,265	0	0	0	0	42,6
40-44 NO.	4	5	8	1	8	19	41	22	3	0	0	0	1
TOT PAY	142,438	173,534	293,336	39,874	314,298	826,130	1,955,577	1,061,189	130,354	0	0	0	4,936,7
AVG PAY	35,610	34,707	36,667	39,874	39,287	43,481	47,697	48,236	43,451	0	0	0	44,4
45-49 NO.	6	1	3	2	5	8	21	22	9	0	0	0	
TOT PAY	217,314	31,100	93,348	67,870	187,256	376,253	993,090	1,106,298	443,192	0	0	0	3,515,7
AVG PAY	36,219	31,100	31,116	33,935	37,451	47,032	47,290	50,286	49,244	0	0	0	45,6
50-54 NO.	2	5	5	3	1	14	30	10	5	0	0	0	
TOT PAY	56,410	201,477	217,859	110,119	39,874	601,114	1,503,983	520,524	230,402	0	0	0	3,481,7
AVG PAY	28,205	40,295	43,572	36,706	39,874	42,937	50,133	52,052	46,080	0	0	0	46,4
55-59 NO.	0	1	1	0	3	10	15	11	8	1	0	0	
TOT PAY	0	29,615	31,075	0	109,886	412,339	716,108	484,621	362,671	50,898	0	0	2,197,2
AVG PAY	0	29,615	31,075	0	36,629	41,234	47,741	44,056	45,334	50,898	0	0	43,9
60-64 NO.	0	1	0	0	1	4	10	1	3	0	0	0	
TOT PAY	0	39,874	0	0	36,795	155,290	493,500	60,590	145,766	0	0	0	931,8
AVG PAY	0	39,874	0	0	36,795	38,822	49,350	60,590	48,589	0	0	0	46,5
65-99 NO.	0	0	0	0	0	0	1	0	0	0	0	0	
TOT PAY	0	0	0	0	0	0	46,176	0	0	0	0	0	46,1
AVG PAY	0	0	0	0	0	0	46,176	0	0	0	0	0	46,1
TOT NO.	89	86	82	59	71	180	169	72	28	1	0	0	8
TOT AMT	2,908,044	2,881,834	2,878,996	2,214,737	2,740,054	7,815,556	8,051,239	3,540,813	1,312,384	50,898	0	0	34,394,5
AVG AMT	32,675	33,510	35,110	37,538	38,592	43,420	47,640	49,178	46,871	50,898	0	0	41,0

San Diego County Employees' Retirement Association

Active Member June 30, 2001

By Attained Ages and Years of Service

Age Group	Total Members YEARS OF ACCRUED SERVICE												TOTALS
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19 NO.	7	0	0	0	0	0	0	0	0	0	0	0	7
TOT PAY	98,093	0	0	0	0	0	0	0	0	0	0	0	98,093
AVG PAY	14,013	0	0	0	0	0	0	0	0	0	0	0	14,013
20-24 NO.	196	84	21	9	4	0	0	0	0	0	0	0	314
TOT PAY	5,121,741	2,321,686	574,678	269,958	130,378	0	0	0	0	0	0	0	8,418,441
AVG PAY	26,131	27,639	27,366	29,995	32,595	0	0	0	0	0	0	0	26,810
25-29 NO.	449	293	217	138	111	110	1	0	0	0	0	0	1,319
TOT PAY	13,161,909	9,264,281	7,451,482	5,061,889	4,103,392	4,269,429	29,598	0	0	0	0	0	43,341,981
AVG PAY	29,314	31,619	34,339	36,680	36,967	38,813	29,598	0	0	0	0	0	32,860
30-34 NO.	286	294	177	195	167	632	216	2	0	0	0	0	1,969
TOT PAY	9,459,809	10,063,450	6,750,088	7,730,121	6,570,087	27,511,507	8,736,063	75,629	0	0	0	0	76,896,753
AVG PAY	33,076	34,229	38,136	39,642	39,342	43,531	40,445	37,814	0	0	0	0	39,054
35-39 NO.	207	162	137	110	106	625	755	148	9	0	0	0	2,259
TOT PAY	6,761,875	5,326,622	4,673,833	4,584,337	4,285,174	27,036,908	35,478,979	6,787,719	335,400	0	0	0	95,270,846
AVG PAY	32,666	32,880	34,116	41,676	40,426	43,259	46,992	45,863	37,267	0	0	0	42,174
40-44 NO.	213	213	126	116	127	521	835	396	136	3	0	0	2,686
TOT PAY	6,851,527	7,426,925	4,549,922	4,539,475	4,930,732	21,114,988	39,928,503	19,500,912	6,285,465	169,066	0	0	115,297,516
AVG PAY	32,167	34,868	36,110	39,133	38,825	40,528	47,819	49,245	46,217	56,355	0	0	42,925
45-49 NO.	197	139	128	96	98	497	669	424	390	126	1	0	2,765
TOT PAY	6,665,619	4,830,049	4,957,813	3,786,318	3,803,568	19,593,647	30,923,178	21,687,993	20,628,977	6,619,322	28,330	0	123,524,813
AVG PAY	33,836	34,749	38,733	39,441	38,812	39,424	46,223	51,151	52,895	52,534	28,330	0	44,674
50-54 NO.	133	133	108	70	80	445	689	353	419	350	68	1	2,849
TOT PAY	4,553,548	4,519,319	4,436,910	2,694,145	2,895,056	16,876,995	31,574,082	16,710,759	21,168,349	19,946,648	3,747,375	43,867	129,167,053
AVG PAY	34,237	33,980	41,082	38,488	36,188	37,926	45,826	47,339	50,521	56,990	55,108	43,867	45,338
55-59 NO.	85	60	44	42	58	301	517	247	267	234	181	17	2,053
TOT PAY	2,463,126	2,013,384	1,736,264	1,673,256	2,203,614	11,855,704	22,013,935	11,041,672	12,488,894	13,537,217	11,238,340	850,321	93,115,728
AVG PAY	28,978	33,556	39,461	39,839	37,993	39,388	42,580	44,703	46,775	57,851	62,090	50,019	45,356
60-64 NO.	37	24	28	10	24	148	244	110	104	63	47	19	858
TOT PAY	1,180,837	947,731	1,146,142	397,238	995,989	5,358,133	10,128,345	4,596,202	4,435,691	2,977,810	2,781,450	976,224	35,921,791
AVG PAY	31,915	39,489	40,934	39,724	41,500	36,204	41,510	41,784	42,651	47,267	59,180	51,380	41,867
65-99 NO.	11	4	9	6	14	54	98	26	24	12	7	2	267
TOT PAY	321,275	118,196	295,734	110,157	592,654	2,002,004	3,559,932	1,176,198	851,552	602,098	360,344	86,861	10,077,006
AVG PAY	29,207	29,549	32,859	18,359	42,332	37,074	36,326	45,238	35,481	50,175	51,478	43,430	37,742
TOT NO.	1,821	1,406	995	792	789	3,333	4,024	1,706	1,349	788	304	39	17,346
TOT AMT	56,639,358	46,831,643	36,572,866	30,846,893	30,510,645	135,619,316	182,372,615	81,577,084	66,194,328	43,852,162	18,155,839	1,957,273	731,130,021
AVG AMT	31,103	33,308	36,757	38,948	38,670	40,690	45,321	47,818	49,069	55,650	59,723	50,186	42,150

Summary of Active Members Included
in the June 30, 2001 Actuarial Valuation

		Annual	Averages		
	<u>No.</u>	<u>Salary</u>	<u>Salary</u>	<u>Age</u>	<u>Service</u>
General Members					
Tier I 6/30/00	1,387	\$67,885,645	\$48,944	53.6	25.7
Tier I 6/30/01	1,311	67,545,080	51,522	54.2	26.6
Percent Increase	(5.5)%	(0.5)%	5.3%		
Tier II 6/30/00	11,900	443,404,364	37,261	44.3	8.3
Tier II 6/30/01	12,659	492,782,152	38,927	44.3	8.3
Percent Increase	6.4%	11.1%	4.5%		
Total 6/30/00	13,287	511,290,009	38,480	45.3	10.1
Total 6/30/01	13,970	560,327,232	40,109	45.2	10.0
Percent Increase	5.1%	9.6%	4.2%		
Safety Members					
Tier I 6/30/00	252	\$17,425,112	\$69,147	51.6	26.1
Tier I 6/30/01	236	17,341,015	73,479	52.4	27.0
Percent Increase	(6.3)%	(0.5)%	6.3%		
Tier II 6/30/00	2,165	104,286,607	48,169	38.1	9.2
Tier II 6/30/01	2,171	111,561,429	51,387	38.9	9.8
Percent Increase	0.3%	7.0%	6.7%		
Total 6/30/00	2,417	121,711,719	50,357	39.5	11.0
Total 6/30/01	2,407	128,902,444	53,553	40.2	11.5
Percent Increase	(0.4)%	5.9%	6.3%		

**Summary of Active Members Included
in the June 30, 2001 Actuarial Valuation**

(Continued)

	<u>No.</u>	<u>Annual Salary</u>	<u>Averages</u>		
			<u>Annual Salary</u>	<u>Age</u>	<u>Service</u>
Probation Members					
Tier I 6/30/00	139	\$7,441,118	\$53,533	54.4	27.1
Tier I 6/30/01	132	7,505,788	56,862	55.3	28.1
Percent Increase	(5.0)%	0.9%	6.2%		
Tier II 6/30/00	826	32,033,884	38,782	37.6	6.9
Tier II 6/30/01	837	34,394,557	41,093	38.1	7.3
Percent Increase	1.3%	7.4%	6.0%		
Total 6/30/00	965	39,475,002	40,907	40.0	9.8
Total 6/30/01	969	41,900,345	43,241	40.4	10.1
Percent Increase	0.4%	6.1%	5.7%		
Grand Total 6/30/00	16,669	\$672,476,730	\$40,343	44.1	10.2
Grand Total 6/30/01	17,346	731,130,021	42,150	44.3	10.2
Percent Increase	4.1%	8.7%	4.5%		

San Diego County Employees Retirement Association
Summary of Deferred Vested Members Included
in the June 30, 2001 Actuarial Valuation

	<u>No.</u>	<u>Member Contributions</u>	<u>Averages</u>		
			<u>Contribution Balance</u>	<u>Age</u>	<u>Service</u>
General Members					
Tier I 6/30/00	348	\$13,156,793	\$37,807	53.0	14.1
Tier I 6/30/01	331	12,716,031	38,417	53.3	13.7
Percent Increase	(4.9)%	(3.4)%	1.6%		
Tier II 6/30/00	2,531	7,781,842	3,075	45.3	8.1
Tier II 6/30/01	2,711	8,465,986	3,123	45.3	8.2
Percent Increase	7.1%	8.8%	1.6%		
Total 6/30/00	2,879	20,938,635	7,273	45.8	8.7
Total 6/30/01	3,042	21,182,017	6,963	46.2	8.8
Percent Increase	5.6%	1.2%	(4.3)%		
Safety Members					
Tier I 6/30/00	16	1,240,218	77,514	52.7	19.7
Tier I 6/30/01	17	1,448,062	85,180	53.8	19.9
Percent Increase	6.3%	16.8%	9.9%		
Tier II 6/30/00	186	1,121,582	6,030	38.7	6.4
Tier II 6/30/01	231	1,534,148	6,641	38.8	6.7
Percent Increase	24.2%	36.8%	10.1%		
Total 6/30/00	202	2,361,800	11,692	39.8	7.5
Total 6/30/01	248	2,982,210	12,025	39.8	7.6
Percent Increase	22.8%	26.3%	2.8%		
Grand Total 6/30/00	3,081	\$23,300,435	\$7,563	45.7	8.7
Grand Total 6/30/01	3,290	24,164,228	7,345	45.8	8.7
Percent Increase	6.8%	3.7%	(2.9)%		

San Diego County Employees' Retirement Association
Summary of Retired Members and Beneficiaries Included
in the June 30, 2001 Actuarial Valuation

	No.	Annual Allowance	Annual Allowance	Average		New Retirees Only		
				Attained Age	Age at Retirement	No.	Average Allowance	Average Age
General Members								
Tier I 6/30/00	6,164	\$92,575,183	\$15,019	73.0	58.2	197	\$30,394	58.1
Tier I 6/30/01	6,111	96,344,821	15,766	73.4	58.1	115	29,773	58.3
Percent Increase	(0.9)%	4.1%	5.0%			(41.6)%	(2.0)%	
Tier II 6/30/00	1,749	17,161,634	9,812	63.3	59.1	273	10,473	61.3
Tier II 6/30/01	1,960	19,433,474	9,915	63.5	59.0	180	9,595	60.6
Percent Increase	12.1%	13.2%	1.0%			(34.1)%	(8.4)%	
Total 6/30/00	7,913	109,736,817	13,868	70.9	58.4	470	18,823	60.0
Total 6/30/01	8,071	115,778,295	14,345	71.0	58.3	295	17,461	59.7
Percent Increase	2.0%	5.5%	3.4%			(37.2)%	(7.2)%	
Safety Members								
Tier I 6/30/00	546	16,433,731	30,098	64.5	50.1	39	43,473	56.5
Tier I 6/30/01	570	18,060,204	31,685	64.8	50.5	27	44,155	56.4
Percent Increase	4.4%	9.9%	5.3%			(30.8)%	1.6%	
Tier II 6/30/00	244	4,992,477	20,461	48.8	43.0	34	19,454	53.8
Tier II 6/30/01	280	5,839,244	20,854	49.7	43.4	29	21,690	47.5
Percent Increase	14.8%	17.0%	1.9%			(14.7)%	11.5%	
Total 6/30/00	790	21,426,208	27,122	59.7	47.9	73	32,286	55.2
Total 6/30/01	850	23,899,448	28,117	59.8	48.2	56	32,522	51.8
Percent Increase	7.6%	11.5%	3.7%			(23.3)%	0.7%	
Grand Total 6/30/00	8,703	\$131,163,025	\$15,071	69.8	57.4	543	\$20,633	59.3
Grand Total 6/30/01	8,921	139,677,744	15,657	69.9	57.3	351	19,864	58.5
Percent Increase	2.5%	6.5%	3.9%			(35.4)%	(3.7)%	

ACTUARIAL COST METHODS, ACTUARIAL ASSUMPTIONS

AND

DEFINITIONS OF TECHNICAL TERMS

San Diego County Employees' Retirement Association

Actuarial Cost Methods - June 30, 2001

Normal cost and the allocation of benefit values between service rendered before and after the valuation date were determined using an individual entry age actuarial cost method having the following characteristics:

- (i) the annual normal costs for each active member, payable from the date of entry into the system to the date of retirement, are sufficient to accumulate the value of the member's benefit at the time of retirement;
- (ii) each annual normal cost is a constant percentage of the member's year-by-year projected covered pay.

Financing of Unfunded Actuarial Accrued Liability. The balance of unfunded actuarial accrued liabilities is funded (or credited, if negative) in five equal installments.

Active member payroll in aggregate was assumed to increase 4.0% a year for the purpose of determining the level percent contributions, although individual annual pay increase rates will increase at least 4.5% per year for the purpose of projecting individual pays.

Deferred Member Actuarial Accrued Liability. Data provided includes date of hire, date of birth, date of termination, last pay and an indicator if the deferred member is known to work with a reciprocal employer. Service credit, highest average salary, and deferred retirement age were estimated, based on the data provided. The estimates were used to compute the retirement benefit, upon which the liabilities are based.

Actuarial Assumptions Used for the June 30, 2001 Valuation

The contribution requirements and benefit values of the Fund are calculated by applying actuarial assumptions to the benefit provisions and member information furnished, using the actuarial cost methods described on the previous page.

The principal areas of financial risk which require assumptions about future experiences are:

- (i) long-term rates of investment return to be generated by the assets of the Fund.
- (ii) patterns of pay increases to members.
- (iii) rates of mortality among members, retirants, and beneficiaries.
- (iv) rates of withdrawal of active members (without entitlement to a retirement benefit).
- (v) rates of disability among members.
- (vi) the age patterns of actual retirements.

In making a valuation, the monetary effect of each assumption is calculated for as long as a present covered person survives -- a period of time which can be as long as a century.

Actual experience of the system will not coincide exactly with assumed experience, regardless of the choice of the assumptions, the skill of the actuary and the precision of the many calculations made. Each valuation provides a complete recalculation of assumed future experience and takes into account all past differences between assumed and actual experience. The result is a continual series of adjustments (usually small) to the computed contribution rate. From time to time it becomes appropriate to modify one or more of the assumptions, to reflect experience trends (but not random year-to-year fluctuations).

(Continued on Next Page)

San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation

(Continued)

The investment return rate used for the actuarial valuation calculations was 8.25% a year, net of administrative expenses, compounded annually. This assumption, used to equate the value of payments due at different points in time, is adopted by the Retirement Board. The rate is comprised of two elements:

Inflation	4.00%
Real Rate of Return	<u>4.25</u>
Total	8.25%

The inflation rate used for the actuarial valuation calculations was 4.0% per year, compounded annually. It represents the difference between the investment return rate and the assumed real rate of return.

Inflation actually experienced, as measured by the Consumer Price Index for urban wage earners, has been as follows:

Consumer Price Index	
Urban Wage Earners and Clerical Workers Before 1978	
All Urban Consumers After 1977	
<u>10 Year Moving Averages</u>	
June 30, 1961	1.4%
June 30, 1971	3.1
June 30, 1981	8.4
June 30, 1991	4.1
June 30, 2001	2.7
 50-Year Average	 3.9%

Interest credited to member contributions is 8.25%, compounded semi-annually.

(Continued on Next Page)

San Diego County Employees Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation

(Continued)

Salary increase rates used to project current pays to those upon which a benefit will be based are represented by the following table. Rates do not vary by age.

Base Annual Rate of Salary Increase

Inflation	4.00%
Merit & Longevity	<u>0.50¹</u>
Total	4.50%

¹ We also use an additional merit and longevity increases for employees with less than five years of service:

<u>Years of Service At Valuation Date</u>	<u>Safety</u>	<u>General</u>
0	6.00%	3.0%
1	5.00%	2.5%
2	4.00%	2.0%
3	2.50%	1.5%
4	1.25%	1.0%

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**San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation**

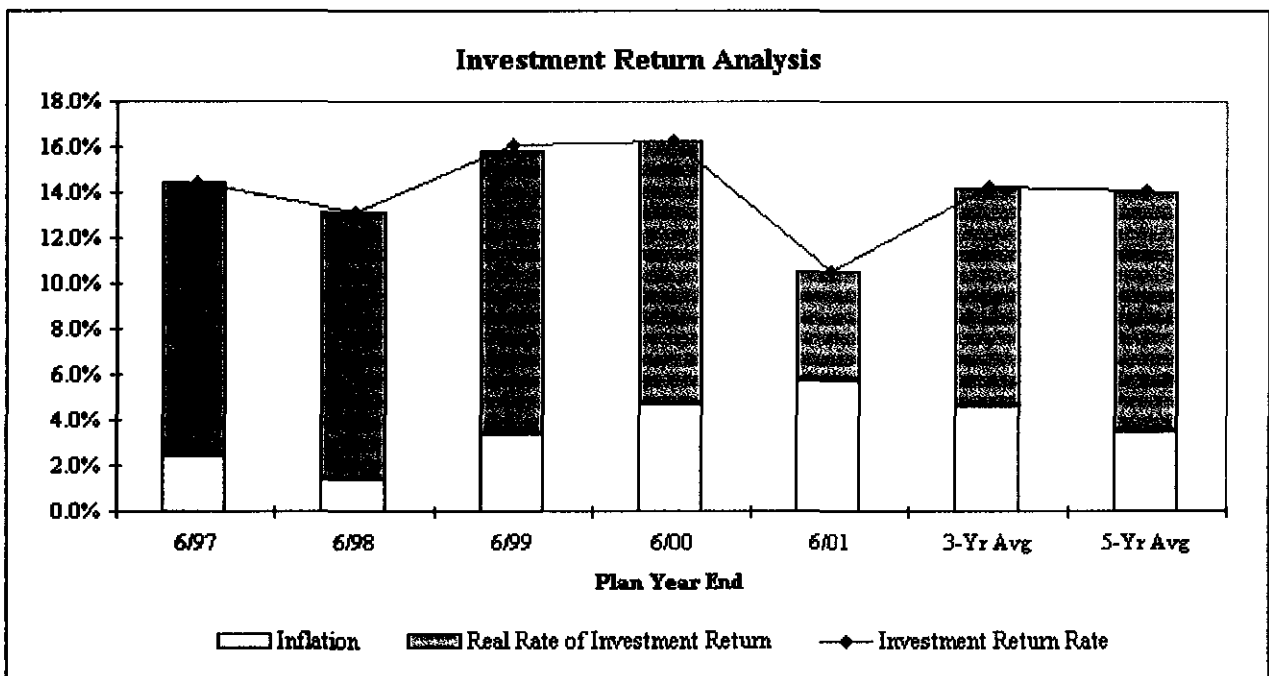
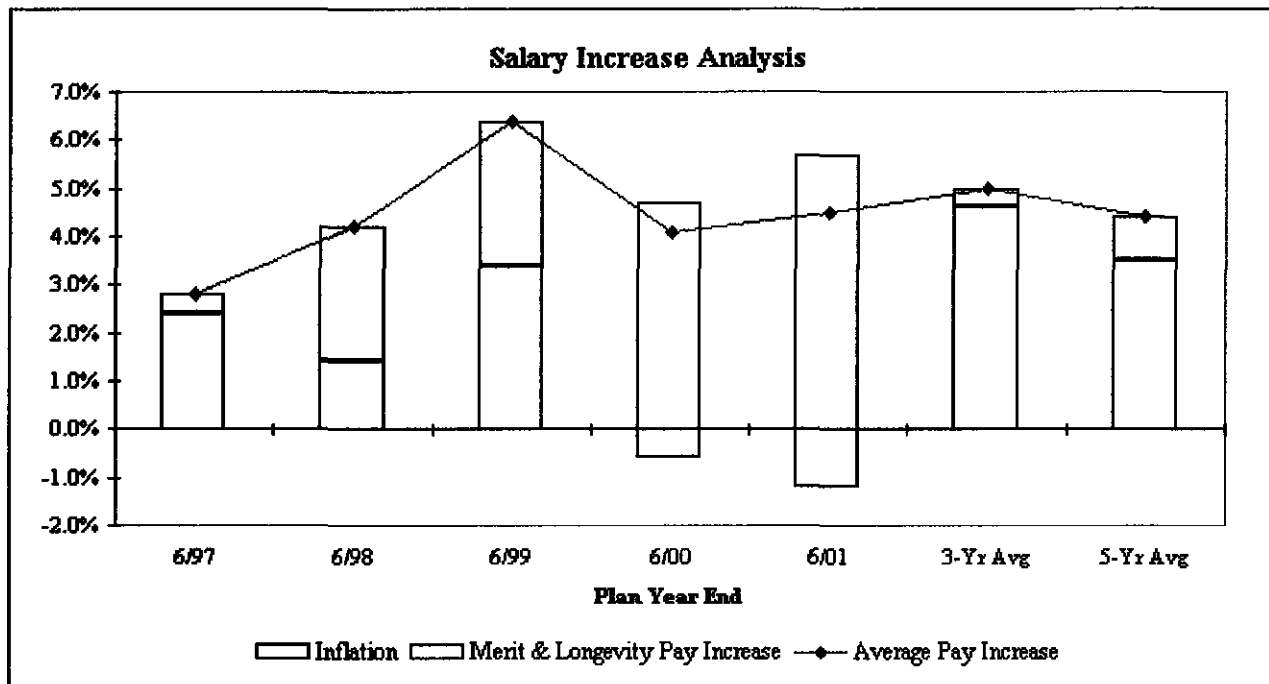
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Historic Summary of Payroll

<u>Valuation Date</u>	<u>No.</u>	<u>Total Payroll</u>	<u>% Change</u>	<u>Average Salary</u>	<u>% Change</u>
12/31/85	11,570	\$280,560,958	--%	\$24,249	--%
12/31/86	12,199	297,151,940	5.9	24,359	0.5
12/31/87	12,819	340,499,064	14.6	26,562	9.0
12/31/88	13,612	365,650,795	7.4	26,862	1.1
06/30/89	13,962	391,328,886	7.0	28,028	4.3
06/30/90	15,309	444,840,888	13.7	29,057	3.7
06/30/91	15,986	494,284,829	11.1	30,920	6.4
06/30/92	16,021	525,411,229	6.3	32,795	6.1
06/30/93	16,154	533,124,485	1.5	33,003	0.6
06/30/94	16,180	535,980,753	0.5	33,126	0.4
06/30/95	16,500	550,737,347	2.8	33,378	0.8
06/30/96	16,524	561,691,535	2.0	33,992	1.8
06/30/97	16,635	581,453,449	3.5	34,954	2.8
06/30/98	16,441	598,971,557	3.0	36,432	4.2
06/30/99	16,579	642,780,304	7.3	38,771	6.4
06/30/00	16,669	672,476,730	4.6	40,343	4.1
06/30/01	17,346	731,130,021	8.7	42,150	4.5

**San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation**

(Continued)



San Diego County Employees' Retirement Association
Analysis of Selected Actuarial Assumptions Used for the June 30, 2001 Valuation

Assumed and actual changes experienced in areas related to the following assumptions are shown:

	Year Ended					3-year	5-year
	<u>6/30/01</u>	<u>6/30/00</u>	<u>6/30/99</u>	<u>6/30/98</u>	<u>6/30/97</u>	<u>Average</u>	<u>Average</u>
Inflation¹	5.7%	4.7%	3.4%	1.4%	2.4%	4.6%	3.5%
Assumed						4.0%	4.0%
Average Pay Increase	4.5%	4.1%	6.4% ⁷	4.2%	2.8%	5.0%	4.4%
Assumed						4.0%	4.0%
Merit & Longevity							
Pay Increase	(1.2)%	(0.6)%	3.0%	2.8% ⁶	0.4%	0.4%	0.9%
Assumed						0.5%	0.5%
Total Payroll	8.7%	4.6%	7.3% ⁷	3.0%	3.5%	6.9%	5.4%
Assumed						4.0%	4.0%
Investment Return Rate²	10.5%	16.3%	15.8%	13.1%	14.4%	14.2%	14.0%
Assumed						8.25% ³	8.25% ⁴
Real Rate of Investment Return	4.8%	11.6%	12.4%	11.7%	12.0%	9.6%	10.5%
Assumed						4.25% ⁵	4.25% ⁵
Administrative Expenses							
(Percentage of assets)	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Assumed						0.0%	0.0%

¹ Based on Consumer Price Index for San Diego, All Items, 1982-84=100.

² Based on actuarial value of assets NOT market value or book value.

³ Effective with June 30, 1997 valuation, this assumption has been reduced from 4.5% to 4%.

⁴ Effective with June 30, 1997 valuation, this assumption has been increased from 8.0% to 8.25%.

⁵ Effective with June 30, 1997 valuation, this assumption has been increased from 3.5% to 4.25%.

⁶ Includes certain items as pension compensation that were previously excluded per the "Ventura" decision.

⁷ Includes 0.3% increase due to inclusion of bonus pay.

San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation

(Continued)

Rates of separation from active membership are shown below (rates do not include separation on account of retirement or death). This assumption measures the probabilities of members remaining in employment. All employees, eligible to retire, are assumed to not withdraw accumulated member contributions upon separation from service.

Sample Ages	Years of Service	% of Active Members Separating Within Next Year				
		<u>Disability</u>		<u>Other</u>		
		<u>General & Probation</u>		<u>Safety</u>	<u>General</u>	<u>Safety & Probation</u>
		<u>Men</u>	<u>Women</u>			
All	0				22.75%	11.00%
	1				12.00%	6.00%
	2				9.75%	4.00%
	3				7.75%	4.00%
	4				6.50%	4.00%
20	5 & Over	.02%	-%	.02%	15.00%	9.00%
25		.02%	-%	.02%	12.50%	9.00%
30		.03%	.02%	.30%	8.50%	6.00%
35		.07%	.04%	.68%	5.75%	2.50%
40		.17%	.08%	1.18%	4.25%	1.75%
45		.31%	.15%	1.78%	3.50%	1.25%
50		.48%	.24%	2.60%	2.50%	1.00%
55		.70%	.34%	-%	1.75%	1.00%
60		.46%	.42%	-%	1.75%	1.00%

We are assuming that 100% of the Safety disabilities and 60% of the General and Probation disabilities are duty-related.

We assume that 40% of separating active members will continue employment with a reciprocal employer and receive assumed inflation increases during their subsequent employment with a reciprocal employer.

(Continued on Next Page)

San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation

(Continued)

The post-retirement mortality table used was the 1994 Uninsured Pensioner Mortality Table. The mortality table is adopted by the Retirement Board. This assumption is used to measure the probabilities of members dying after retirement and the probabilities of each benefit payment being made after retirement. For disabilitants, there is a 3-year age set forward for disabilitants. Related values are shown below.

Future Life Expectancy (Years)			% Dying Within Next Year		
Sample	Retirants		Retirants		
Ages	Men	Women	Men	Women	Ages
45	34.68	39.01	.17%	.10%	45
50	30.01	34.24	.28	.15	50
55	25.49	29.53	.48	.25	55
60	21.20	24.97	.86	.48	60
65	17.26	20.69	1.56	.93	65
70	13.77	16.77	2.55	1.48	70
75	10.66	13.11	4.00	2.44	75
80	7.97	9.88	6.67	4.24	80

The active member mortality table used was the 1994 Uninsured Pensioner Mortality Table. This assumption measures the probability of mortality before retirement. The rates include probability of ordinary death, line-of-duty death, and death while eligible for retirement or disability.

Sample Ages	% of Active Members Dying Within Next Year	
	Men	Women
30	.09%	.04%
35	.09%	.05%
40	.12%	.08%
45	.17%	.10%
50	.28%	.15%
55	.48%	.25%
60	.86%	.48%
65	1.56%	.93%

(Continued on Next Page)

San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation

(Continued)

The rates of retirement used to measure the probability of eligible members retiring during the next year.

Retirement Ages	Safety Members	Probation Members	General Members
48	5.0%	--%	--%
49	5.0%	--%	--%
50	10.3%	6.0%	3.0%
51	10.3%	7.0%	3.0%
52	10.3%	8.0%	5.0%
53	10.3%	9.0%	5.0%
54	10.3%	10.0%	6.0%
55	25.3%	15.0%	7.4%
56	25.3%	20.0%	8.4%
57	25.3%	25.0%	10.4%
58	30.3%	30.0%	10.4%
59	30.3%	30.0%	10.4%
60	50.3%	30.0%	11.4%
61	50.3%	30.0%	15.4%
62	50.3%	50.3%	23.4%
63	50.3%	50.3%	15.4%
64	50.3%	50.3%	20.4%
65	100.0%	100.0%	28.4%
66	100.0%	100.0%	28.4%
67	100.0%	100.0%	30.4%
68	100.0%	100.0%	30.4%
69	100.0%	100.0%	40.4%
70	100.0%	100.0%	100.0%

For current deferred vested members, we are making the following retirement assumption:

Non-reciprocals: When initially eligible to retire

Reciprocals: Later of age 55 or eligibility to retire

In determining eligibility to retire for this purpose, we have assumed service "tacking" from date of separation of service.

(Concluded on Next Page)

San Diego County Employees' Retirement Association
Actuarial Assumptions Used for the June 30, 2001 Valuation

(Concluded)

The rates of employer pick up vary by employee. Our thanks go to the Retirement Office for providing us with pick up rates for each individual active member.

Member refunds. All or part of the employee contribution rate is subject to potential "pick up" by the employer. The member rates provided in the census are prior to any applicable pick up. Such pick ups and related accumulated interest are not to be refunded to employees at termination. The County's liability for potential refunds is reduced to reflect this. The County currently uses a crediting rate on member accounts to 4.125%, credited semi-annually.

Integrated member contributions. Rates provided in the census apply to salary amounts over \$350 per month in the case of employees with integrated benefits. Rates applicable to the first \$350 per month of salary are not provided. Due to the small portion of salary to which a different rate is applied and the substantial portion of total member contributions subject to employer pick up, rates provided were assumed, for simplicity, to apply to total salary.

Survivor Benefits. Marital status and spouses' census data were imputed with respect to active and deferred members.

Marital Status - 80% of men and 50% of women were assumed married at retirement.

Spouse Census - Women were assumed to be 4 years younger than men.

San Diego County Employees' Retirement Association

Definitions of Technical Terms

Actuarial Accrued Liability. The difference between the actuarial present value of system benefits and the actuarial value of future normal costs. Also referred to as "accrued liability" or "actuarial liability".

Actuarial Assumptions. Estimates of future experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and salary increases. Actuarial assumptions (rates of mortality, disability, turnover and retirement) are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (salary increases and investment income) consist of an underlying rate in an inflation-free environment plus a provision for a long-term average rate of inflation.

Accrued Service. Service credited under the system which was rendered before the date of the actuarial valuation.

Actuarial Equivalent. A single amount or series of amounts of equal actuarial value to another single amount or series of amounts, computed on the basis of appropriate actuarial assumptions.

Actuarial Cost Method. A mathematical budgeting procedure for allocating the dollar amount of the actuarial present value of retirement system benefits between future normal cost and actuarial accrued liability. Sometimes referred to as the "actuarial funding method".

Actuarial Gain (Loss). The difference between actual experience and actuarial assumption anticipated experience during the period between two actuarial valuation dates.

Actuarial Present Value. The amount of funds currently required to provide a payment or series of payments in the future. It is determined by discounting future payments at predetermined rates of interest, and by probabilities of payment.

Amortization. Paying off an interest-discounted amount with periodic payments of interest and principal -- as opposed to paying off with lump sum payment.

Normal Cost. The actuarial present value of retirement system benefits allocated to the current year by the actuarial cost method.

Pension Benefit Obligation. A standardized disclosure measure of the present value of pension benefits, adjusted for the effects of projected salary increases, estimated to be payable in the future as a result of employee service to date.

(Concluded on Next Page)

Definitions of Technical Terms

(Concluded)

Unfunded Actuarial Accrued Liability. The difference between actuarial accrued liability and valuation assets. Sometimes referred to as "unfunded actuarial liability" or "unfunded accrued liability".

Most retirement systems have unfunded actuarial accrued liability. They arise each time new benefits are added and each time an actuarial loss is realized.

The existence of unfunded actuarial accrued liability is not in itself bad, any more than a mortgage on a house is bad. Unfunded actuarial accrued liability does not represent a debt that is payable today. What is important is the ability to amortize the unfunded actuarial accrued liability and the trend in its amount (after due allowance for devaluation of the dollar). Unfunded actuarial accrued liability must be controlled.

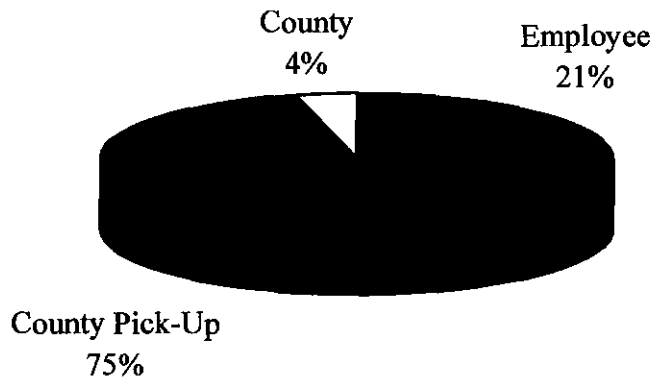
**DISCLOSURES REQUIRED BY
STATEMENTS NO. 25 AND 27 OF
THE GOVERNMENTAL ACCOUNTING STANDARDS BOARD**

San Diego County Employees' Retirement Association

Contributions Made

The County's funding policy provides for periodic employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are designed to accumulate sufficient assets to pay benefits when due. The normal cost and actuarial accrued liability are determined using an entry-age actuarial funding method. Unfunded actuarial accrued liabilities are spread evenly over 5 years, expressed as a percent of payroll, and added to the normal cost. An excess of valuation assets over actuarial accrued liability is spread evenly over 5 years, expressed as a percent of payroll, and applied as a credit towards normal costs.

During the period July 1, 2000 to June 30, 2001, contributions totaled \$51,912,444 – consisting of \$10,789,179 in employee contributions and \$2,035,000 for County contributions and \$39,088,265 for County pick up of employee contributions.



San Diego County Employees' Retirement Association

Accounting Disclosure

(\$ in Thousands)

It is our understanding that San Diego County complies with the accounting provisions of GASB Statements #25 and #27.

Year Ended <u>June 30</u>	Actuarially Required Contributions <u>(ARC)</u>	Contributions Made ¹	Investment Return ²	Amortization Factor	Net Pension Obligation <u>(NPO)</u>
1994	48,591	48,591	4.37	5.00	0
1995	33,305	33,305	12.05 ³	5.00	0
1996	37,577	37,577	9.61	5.00	0
1997	23,269	23,269	14.38	5.00	0
1998	24,320	24,320	13.14	5.00	0
1999	0	0	15.84	5.00	0
2000	14,341	0	16.30	5.00	14,341
2001	4,927 ⁴	2,035	10.50	5.00	15,548 ⁴

¹ Excludes payments related to the Pension Obligation Bond of February 1994 and County pick ups of employee contributions.

² Based on actuarial value of assets and NOT market value or book value.

³ Reflects the \$86.1 million increase in valuation assets due to change in asset smoothing methodology. Return is 7.69% if such increase is not reflected.

⁴ The County's expensing policy need not be the same as funding policy. This amount could be changed with a change in amortization factor. ARC total for 2001 consists of \$2,058,283 in Normal Cost plus 5 year amortization of unfunded liability as well as \$2,868,281 in 5 year amortization of prior year NPO.

APPENDIX A:
MEMBER CONTRIBUTION RATES

San Diego County Employees' Retirement Association
June 30, 2001 Actuarial Valuation
Member Contribution Rates
General Members - Tier I

NORMAL RATES ONLY

<u>Entry</u> <u>Age</u>	<u>First</u> <u>\$350/Mo.</u>	<u>Integrated</u> <u>Over</u> <u>\$350/Mo.</u>	<u>Non-</u> <u>Integrated</u>	<u>Entry</u> <u>Age</u>	<u>First</u> <u>\$350/Mo.</u>	<u>Integrated</u> <u>Over</u> <u>\$350/Mo.</u>	<u>Non-</u> <u>Integrated</u>
16	2.74%	4.11%	4.11%	38	4.35%	6.52%	6.52%
17	2.80%	4.21%	4.21%	39	4.44%	6.66%	6.66%
18	2.87%	4.30%	4.30%	40	4.53%	6.79%	6.79%
19	2.93%	4.39%	4.39%	41	4.62%	6.92%	6.92%
20	2.99%	4.49%	4.49%	42	4.71%	7.06%	7.06%
21	3.06%	4.59%	4.59%	43	4.80%	7.20%	7.20%
22	3.12%	4.69%	4.69%	44	4.89%	7.34%	7.34%
23	3.19%	4.79%	4.79%	45	4.99%	7.48%	7.48%
24	3.26%	4.89%	4.89%	46	5.08%	7.62%	7.62%
25	3.33%	5.00%	5.00%	47	5.18%	7.77%	7.77%
26	3.40%	5.10%	5.10%	48	5.28%	7.92%	7.92%
27	3.47%	5.21%	5.21%	49	5.38%	8.07%	8.07%
28	3.55%	5.32%	5.32%	50	5.48%	8.22%	8.22%
29	3.62%	5.43%	5.43%	51	5.58%	8.38%	8.38%
30	3.70%	5.55%	5.55%	52	5.69%	8.53%	8.53%
31	3.78%	5.66%	5.66%	53	5.79%	8.69%	8.69%
32	3.85%	5.78%	5.78%	54	5.90%	8.85%	8.85%
33	3.93%	5.90%	5.90%	55	6.01%	9.02%	9.02%
34	4.01%	6.02%	6.02%	56	6.12%	9.18%	9.18%
35	4.10%	6.14%	6.14%	57	6.23%	9.35%	9.35%
36	4.18%	6.27%	6.27%	58	6.34%	9.52%	9.52%
37	4.26%	6.40%	6.40%	59	6.46%	9.69%	9.69%

Interest: 8.25%

Salary: 4.50%

Mortality: 1994 Uninsured Pensioner

San Diego County Employees' Retirement Association

June 30, 2001 Actuarial Valuation

Member Contribution Rates

General Members - Tier I

NORMAL PLUS COST-OF-LIVING RATES

<u>Entry</u> <u>Age</u>	<u>First</u> <u>\$350/Mo.</u>	<u>Integrated</u> <u>Over</u> <u>\$350/Mo.</u>	<u>Non-</u> <u>Integrated</u>	<u>Entry</u> <u>Age</u>	<u>First</u> <u>\$350/Mo.</u>	<u>Integrated</u> <u>Over</u> <u>\$350/Mo.</u>	<u>Non-</u> <u>Integrated</u>
16	3.53%	5.30%	5.30%	38	5.60%	8.41%	8.41%
17	3.61%	5.42%	5.42%	39	5.72%	8.57%	8.57%
18	3.69%	5.54%	5.54%	40	5.83%	8.75%	8.75%
19	3.77%	5.66%	5.66%	41	5.95%	8.92%	8.92%
20	3.86%	5.78%	5.78%	42	6.06%	9.09%	9.09%
21	3.94%	5.91%	5.91%	43	6.18%	9.27%	9.27%
22	4.03%	6.04%	6.04%	44	6.30%	9.45%	9.45%
23	4.11%	6.17%	6.17%	45	6.43%	9.64%	9.64%
24	4.20%	6.30%	6.30%	46	6.55%	9.82%	9.82%
25	4.29%	6.44%	6.44%	47	6.67%	10.01%	10.01%
26	4.38%	6.57%	6.57%	48	6.80%	10.20%	10.20%
27	4.48%	6.71%	6.71%	49	6.93%	10.40%	10.40%
28	4.57%	6.86%	6.86%	50	7.06%	10.59%	10.59%
29	4.67%	7.00%	7.00%	51	7.20%	10.79%	10.79%
30	4.76%	7.15%	7.15%	52	7.33%	10.99%	10.99%
31	4.86%	7.30%	7.30%	53	7.47%	11.20%	11.20%
32	4.96%	7.45%	7.45%	54	7.60%	11.41%	11.41%
33	5.07%	7.60%	7.60%	55	7.74%	11.61%	11.61%
34	5.17%	7.76%	7.76%	56	7.88%	11.83%	11.83%
35	5.28%	7.92%	7.92%	57	8.03%	12.04%	12.04%
36	5.38%	8.08%	8.08%	58	8.17%	12.26%	12.26%
37	5.49%	8.24%	8.24%	59	8.32%	12.48%	12.48%

Interest: 8.25%

Salary: 4.50%

Mortality: 1994 Uninsured Pensioner

San Diego County Employees' Retirement Association

June 30, 2001 Actuarial Valuation

Member Contribution Rates

General Members - Tier II

NORMAL RATES ONLY

<u>Entry Age</u>	<u>First \$350/Mo.</u>	<u>Integrated Over \$350/Mo.</u>	<u>Non- Integrated</u>	<u>Entry Age</u>	<u>First \$350/Mo.</u>	<u>Over \$350/Mo.</u>	<u>Integrated Non- Integrated</u>
16	2.18%	3.27%	3.27%	38	3.45%	5.18%	5.18%
17	2.23%	3.34%	3.34%	39	3.52%	5.29%	5.29%
18	2.28%	3.41%	3.41%	40	3.59%	5.39%	5.39%
19	2.33%	3.49%	3.49%	41	3.67%	5.50%	5.50%
20	2.38%	3.57%	3.57%	42	3.74%	5.61%	5.61%
21	2.43%	3.64%	3.64%	43	3.81%	5.72%	5.72%
22	2.48%	3.72%	3.72%	44	3.89%	5.83%	5.83%
23	2.54%	3.80%	3.80%	45	3.96%	5.94%	5.94%
24	2.59%	3.88%	3.88%	46	4.04%	6.06%	6.06%
25	2.65%	3.97%	3.97%	47	4.11%	6.17%	6.17%
26	2.70%	4.05%	4.05%	48	4.19%	6.29%	6.29%
27	2.76%	4.14%	4.14%	49	4.27%	6.41%	6.41%
28	2.82%	4.23%	4.23%	50	4.35%	6.53%	6.53%
29	2.88%	4.32%	4.32%	51	4.44%	6.65%	6.65%
30	2.94%	4.41%	4.41%	52	4.52%	6.78%	6.78%
31	3.00%	4.50%	4.50%	53	4.60%	6.90%	6.90%
32	3.06%	4.59%	4.59%	54	4.69%	7.03%	7.03%
33	3.12%	4.69%	4.69%	55	4.77%	7.16%	7.16%
34	3.19%	4.78%	4.78%	56	4.86%	7.29%	7.29%
35	3.25%	4.88%	4.88%	57	4.95%	7.42%	7.42%
36	3.32%	4.98%	4.98%	58	5.04%	7.56%	7.56%
37	3.39%	5.08%	5.08%	59	5.13%	7.69%	7.69%

Interest: 8.25%

Salary: 4.50%

Mortality: 1994 Uninsured Pensioner

San Diego County Employees' Retirement Association

June 30, 2001 Actuarial Valuation

Member Contribution Rates

General Members - Tier II

NORMAL PLUS COST-OF-LIVING RATES

<u>Entry Age</u>	<u>First \$350/Mo.</u>	<u>Integrated Over \$350/Mo.</u>	<u>Non- Integrated</u>	<u>Entry Age</u>	<u>First \$350/Mo.</u>	<u>Integrated Over \$350/Mo.</u>	<u>Non- Integrated</u>
16	2.57%	3.85%	3.85%	38	4.07%	6.11%	6.11%
17	2.62%	3.94%	3.94%	39	4.15%	6.23%	6.23%
18	2.68%	4.02%	4.02%	40	4.24%	6.35%	6.35%
19	2.74%	4.11%	4.11%	41	4.32%	6.48%	6.48%
20	2.80%	4.20%	4.20%	42	4.41%	6.61%	6.61%
21	2.86%	4.29%	4.29%	43	4.49%	6.74%	6.74%
22	2.92%	4.39%	4.39%	44	4.58%	6.87%	6.87%
23	2.99%	4.48%	4.48%	45	4.67%	7.00%	7.00%
24	3.05%	4.58%	4.58%	46	4.76%	7.14%	7.14%
25	3.12%	4.68%	4.68%	47	4.85%	7.27%	7.27%
26	3.18%	4.78%	4.78%	48	4.94%	7.41%	7.41%
27	3.25%	4.88%	4.88%	49	5.04%	7.55%	7.55%
28	3.32%	4.98%	4.98%	50	5.13%	7.70%	7.70%
29	3.39%	5.09%	5.09%	51	5.23%	7.84%	7.84%
30	3.46%	5.19%	5.19%	52	5.33%	7.99%	7.99%
31	3.53%	5.30%	5.30%	53	5.42%	8.14%	8.14%
32	3.61%	5.41%	5.41%	54	5.52%	8.29%	8.29%
33	3.68%	5.52%	5.52%	55	5.63%	8.44%	8.44%
34	3.76%	5.64%	5.64%	56	5.73%	8.59%	8.59%
35	3.83%	5.75%	5.75%	57	5.83%	8.75%	8.75%
36	3.91%	5.87%	5.87%	58	5.94%	8.91%	8.91%
37	3.99%	5.99%	5.99%	59	6.04%	9.07%	9.07%

Interest: 8.25%

Salary: 4.50%

Mortality: 1994 Uninsured Pensioner

San Diego County Employees' Retirement Association
June 30, 2001 Actuarial Valuation
Member Contribution Rates
Safety Members - Tier I

NON-INTEGRATED

<u>Entry Age</u>	<u>Normal Rates Only</u>	<u>Normal Plus Cost-of-living</u>	<u>Entry Age</u>	<u>Normal Rates Only</u>	<u>Normal Plus Cost-of-living</u>
16	5.64%	7.59%	33	7.96%	10.70%
17	5.76%	7.75%	34	8.11%	10.91%
18	5.88%	7.91%	35	8.27%	11.12%
19	6.01%	8.08%	36	8.43%	11.34%
20	6.13%	8.25%	37	8.59%	11.55%
21	6.26%	8.42%	38	8.76%	11.78%
22	6.39%	8.59%	39	8.92%	12.00%
23	6.52%	8.77%	40	9.09%	12.23%
24	6.66%	8.95%	41	9.26%	12.46%
25	6.79%	9.14%	42	9.44%	12.69%
26	6.93%	9.32%	43	9.61%	12.92%
27	7.07%	9.51%	44	9.79%	13.16%
28	7.21%	9.70%	45	9.97%	13.40%
29	7.36%	9.90%	46	10.15%	13.65%
30	7.51%	10.09%	47	10.33%	13.90%
31	7.65%	10.29%	48	10.52%	14.15%
32	7.80%	10.50%	49	10.71%	14.40%

Interest: 8.25%

Salary: 4.50%

Mortality: 1994 Uninsured Pensioner

San Diego County Employees' Retirement Association
June 30, 2001 Actuarial Valuation
Member Contribution Rates
Safety Members - Tier II

NON-INTEGRATED

<u>Entry Age</u>	<u>Normal Rates Only</u>	<u>Normal Plus Cost-of-living</u>	<u>Entry Age</u>	<u>Normal Rates Only</u>	<u>Normal Plus Cost-of-living</u>
16	5.38%	6.51%	33	7.58%	9.18%
17	5.49%	6.65%	34	7.73%	9.36%
18	5.61%	6.79%	35	7.88%	9.54%
19	5.73%	6.93%	36	8.03%	9.73%
20	5.85%	7.08%	37	8.19%	9.91%
21	5.97%	7.22%	38	8.34%	10.10%
22	6.09%	7.37%	39	8.50%	10.29%
23	6.22%	7.53%	40	8.66%	10.49%
24	6.34%	7.68%	41	8.83%	10.69%
25	6.47%	7.84%	42	8.99%	10.88%
26	6.61%	8.00%	43	9.16%	11.09%
27	6.74%	8.16%	44	9.33%	11.29%
28	6.87%	8.32%	45	9.50%	11.50%
29	7.01%	8.49%	46	9.67%	11.71%
30	7.15%	8.66%	47	9.85%	11.92%
31	7.29%	8.83%	48	10.03%	12.14%
32	7.44%	9.00%	49	10.21%	12.35%

Interest: 8.25%

Salary: 4.50%

Mortality: 1994 Uninsured Pensioner

APPENDIX B:
RETIREMENT AGE FACTORS

San Diego County Employees' Retirement Association
June 30, 2001 Actuarial Valuation
**Selected Retirement Age Factors as Contained in
County Employees Retirement Law of 1937**

<u>Retirement Age</u>	<u>General Tier I (\$31676.12)</u>	<u>Retirement Age</u>	<u>General Tier II (\$31676.1)</u>	<u>Retirement Age</u>	<u>Safety Tiers I & II (\$31664)</u>
50	.6681	50	.7091	41	.6258
51	.7056	51	.7457	42	.6625
52	.7454	52	.7816	43	.7004
53	.7882	53	.8181	44	.7397
54	.8346	54	.8556	45	.7805
55	.8850	55	.8954	46	.8226
56	.9399	56	.9382	47	.8678
57	1.0000	57	.9846	48	.9085
58	1.0447	58	1.0350	49	.9522
59	1.1048	59	1.0899	50	1.0000
60	1.1686	60	1.1500	51	1.0516
61	1.2365	61	1.1947	52	1.1078
62+	1.3093	62	1.2548	53	1.1692
		63	1.3186	54	1.2336
		64	1.3865	55+	1.3099
		65+	1.4593		

County Employees' Retirement Law of 1937 provides for application of a factor to a members' benefit, according to age upon retirement. Rates begin at age 50 for General members, and at age 41 for Safety members.

These factors are applied to the benefit formulas reflected on the Summary of Benefit Provisions.