

SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM

COMPREHENSIVE ANNUAL FINANCIAL REPORT

FISCAL YEAR ENDED JUNE 30, 1998

PREPARED UNDER SUPERVISION OF GARY L. FERAMISCO
TREASURER-RETIREMENT ADMINISTRATOR

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GARY L. FERAMISCO TREASURER-ADMINISTRATOR

Bernice James Assistant

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EMPLOYEES' RETIREMENT SYSTEM

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August 12, 1998

Dear Board Members,

It is with pleasure that I submit the comprehensive annual financial report (CAFR) of the Santa Barbara County Employees' Retirement System (SBCERS or "System") for the fiscal year ended June 30, 1998, the System's 55th year of operation. I am proud of the achievements accomplished this past year and the continued focus to provide accurate and timely service to our 4,600 members and 1900 benefit recipients into the future.



Responsibility for both the accuracy of the data and the completeness and fairness of the presentation rests with the management of the System. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the System.

The report is presented in five sections:

The Introductory Section contains this letter of transmittal, a listing of the members of the Board of Retirement, the Retirement System organization chart, and a listing of professional consultants utilized by the retirement system;

The Financial Section presents the financial condition and funding status of SBCERS. This section contains the opinion of the independent public accountants, Nasif, Hicks, Harris & Co., the financial statements, and the related supplemental information;

The Investment Section provides an overview of SBCERS' investment program. This section contains a report on investment activity, investment policies, investment results, and various investment schedules;

The Actuarial Section communicates the Plan's funding status and presents other actuarial related information. This section contains the certificate of the consulting actuary, Buck Consultants, actuarial statistics, and general plan provisions;

The Statistical Section presents information pertaining to SBCERS' operations on a multi-year basis.

SBCERS AND ITS SERVICES

The SBCERS is a public employee retirement system that was established by the County of Santa Barbara on January 1, 1944, and is administered by the Board of Retirement to provide service retirement, disability, death, and survivor benefits for its employees and contracting districts under the California State Government Code, Section 31450 et.seq. (County Employees' Retirement Law of 1937). Members include all permanent employees (who work at least 1040 hours per year) of the County of Santa Barbara and the following districts: Air Pollution Control, Carpinteria Cemetery, Carpinteria-Summerland Fire Protection, Goleta Cemetery, Oak Hill Cemetery, Santa Barbara Association of Governments, Santa Maria Cemetery, and Summerland Sanitary.

ECONOMIC SUMMARY

During 1997 Santa Barbara County experienced an extraordinary year of economic growth. The County is following the strong pattern of growth evident in the California and U.S. economies. Low inflation and low interest rates continue to support strong business and consumer confidence levels. The expanding California and U.S. economies, in conjunction with the booming financial and equity markets are creating the highest individual wealth creation ever documented.

The strong national economic setting, combined with some progress on reducing the federal budget deficit and healthy corporate profits, resulted in the financial markets turning in mixed results during the fiscal year ended June 30, 1998. Stocks again provided double-digit rates of return, but bonds provided single-digit rates of return. Stocks and bonds are expected to provide more moderate returns in the next fiscal year, closer to our assumption rate of 8%.

ACTUARIAL FUNDING STATUS

Buck Consultants, an independent actuarial firm, is hired to conduct actuarial valuations to monitor SBCERS' funded status. The System's funding objective is to meet long-term benefit obligations through contributions and investment income. The December 31, 1997 actuarial

valuation determined SBCERS' funding ratio to be 91.5% using the entry age normal method with a five year smoothing actuarial value of assets.

As of December 31, 1997, the unfunded actuarial accrued liability (UAAL) was \$79.9 million; in July 1998 the Board of Retirement transferred \$45 million of undistributed earnings to reduce the UAAL to \$34.9 million. During the fiscal year ended June 30, 1998 the System experienced a net increase of \$174 million in assets bringing the total to over \$1 billion.

Biennially, Buck Consultants completes a full analysis of all economic and non-economic assumptions; a valuation update using statistical information available for members is performed annually. Recommendations are presented to the Board of Retirement for consideration. The last biennial investigation was performed as of December 31, 1997 and changes to the economic and non-economic assumptions were adopted in April 1998 by the Board.

FINANCIAL INFORMATION

Management of the Retirement System is responsible for establishing and maintaining an internal control structure designed to provide reasonable assurance regarding the safekeeping of assets and the reliability of financial records.

The primary sources to finance the benefits SBCERS provides are accumulated through income on investments and through the collection of employee and employer contributions. These income sources for fiscal year 1997-98 totaled \$188.5 million, an increase of \$86.7m (85%) over 1996-97. This increase is a result of rebalancing funds, capturing gains, and investment earnings. Member and employer contributions were comparable to those made in 1996-97.

The primary uses of SBCERS' assets are in payment of benefits to retirees and their beneficiaries, refund of contributions to terminated employees, and the cost of administering the system. These expenses for fiscal year 1997-98 were \$33.5 million, an increase of \$3m (10%) over 1996-97. \$2.5m of this increase is a result of increases in the number of benefits paid and average amount paid, .3m is a result of refunds given to members leaving the system, and the remaining \$.2m is due to increased administrative and investment expenses.

SERVICE EFFORTS AND ACCOMPLISHMENTS

The Board of Retirement is responsible for establishing policies governing the administration of the retirement plan, making benefit determinations and managing the investment of the system's assets under authority granted by Article XVI of the Constitution of the State of California.

Article XVI, Section 17(a) provides the Retirement Board has "the sole and exclusive responsibility to administer the system in a manner that will assure prompt delivery of benefits and related services to the participants and their beneficiaries." Section 17(b) further provides that "members of the Retirement Board of a public retirement system shall discharge their duties...solely in the interest of, and for the exclusive purpose of providing benefits to, participants and their beneficiaries, minimizing employer contributions thereto, and defraying reasonable expenses of administering the system. A Retirement Board's duty to its participants and their beneficiaries shall take precedence over any other duty."

In accordance with its fiduciary responsibility, the Board continued to diversify the investment portfolio with the addition of an investment manager for international equities, the Bank of Ireland. A search was initiated to hire a money manager to fund the emerging markets asset category.

In April 1998, the Board approved a special single sum monthly allowance to members retiring before January 1, 1998 and their beneficiaries. The amounts range from \$5 to \$35 depending on the date of retirement. This new benefit increases the total allowances paid by over \$50,000 each month. The lump sum death benefit paid at the time of death of a retiree was increased From \$1,000 to \$2,000. Both of these benefit enhancements are payable beginning July 1, 1998.

The Retirement Board held its ninth annual Investment Workshop in September 1997. The workshop was attended by every board member and each of the investment managers participated, as well as the System's actuarial and investment consultants. Speakers included a former international correspondent and two economists.

ACKNOWLEDGMENTS

The preparation of this report on a timely basis is made possible by dedicated and professional SBCERS staff and the effort has my sincerest appreciation. I would like to thank our auditor, Nasif, Hicks, Harris & Co. for their assistance. The combined effort has produced a report that will enable readers to better evaluate and understand the Santa Barbara County Employees' Retirement System.

On behalf of SBCERS staff, we wish to thank the Board of Retirement for its efforts, support and leadership.

Respectfully submitted,

GARY L. PERAMISCO Retirement Administrator

BOARD OF RETIREMENT



CHAIRMAN
Allan Kaplan
Elected by general members
Present term expires December 31, 1998



VICE CHAIRMAN
George Bobolia
Elected by retired members
Present term expires December 31, 1999



SECRETARY
Roy Gaskin
Appointed by Board of Supervisors
Present term expires December 31, 1999



TREASURER
Gary L. Feramisco
Member mandated by law
Present term expires December 31, 1998



MEMBER
Rochelle Camozzi
Elected by general members
Present term expires December 31, 1999



MEMBER
Dean Minor
Appointed by Board of Supervisors
Present term expires December 31, 1997



MEMBER
Jeanne Graffy
Appointed by Board of Supervisors
Present term expires December 31, 1997



MEMBER
Raymond B. Romero
Elected by retired members
Present term expires December 31, 1999



MEMBER
Robert E. Acquistapace
Appointed by Board of Supervisors
Present term expires December 31, 1999

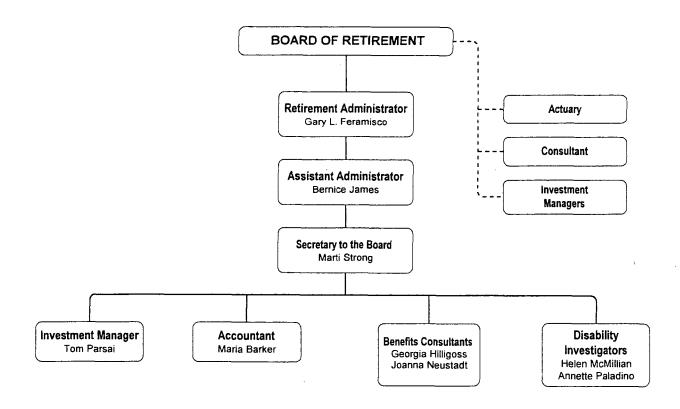


MEMBER
Norman E. Horsley
Elected by safety members
Present term expires December 31, 1998



ALTERNATE MEMBER
Ron Bruns
Elected by safety members
Present term expires December 31, 1998

ORGANIZATIONAL CHART



LIST OF PROFESSIONAL CONSULTANTS

INVESTMENT MANAGERS

Alliance Capital Management LP
Bank of Ireland Asset Management
Julius Baer Investment Management Inc
Lincoln Capital Management
Nicholas-Applegate Capital Management
STW Fixed Income Management
Scudder, Stevens, & Clark
Starbuck Tisdale & Associates
State Street Global Advisors

CUSTODIAN

State Street California, Inc. 1001 Marina Village Parkway Alameda, CA. 94501

INVESTMENT CONSULTANT

Pension Consulting Alliance, Inc.

ACTUARY

Buck Consultants 100 California Street Suite 1300 San Francisco, CA. 94111

INDEPENDENT AUDITOR

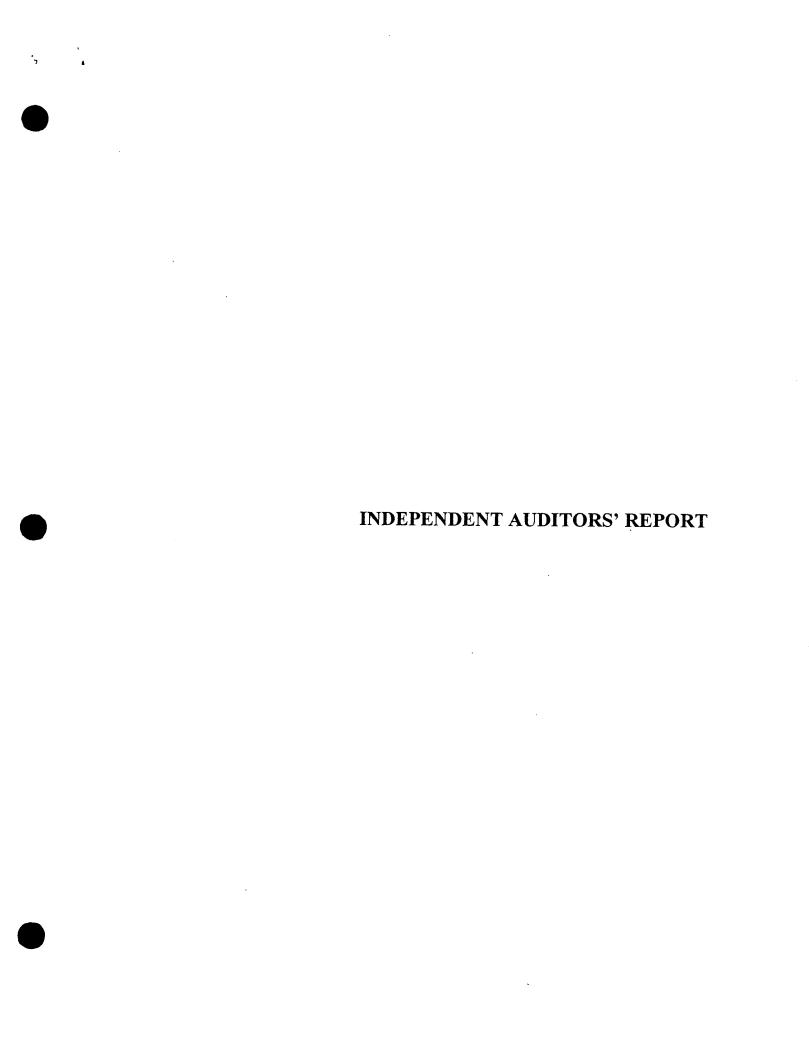
Nasif, Hicks, Harris & Co 1111 Garden Street, Suite 200 Santa Barbara, CA. 93101

LEGAL ADVISORS

Jerry Czuleger Santa Barbara County County Counsel

James Herman Rogers Sheffield & Herman

Christopher Kroes McCarthy & Kroes



NASIF, HICKS, HARRIS & CO.

CERTIFIED PUBLIC ACCOUNTANTS

WILLIAM J. NASIF STEVEN J. HICKS JEFFERY P. HARRIS MARIANNE F. BLOOM JODY R. DOLAN BARBARA ROGERS SCOLLIN

August 12, 1998

1111 GARDEN STREET, SUITE 200 SANTA BARBARA, CALIFORNIA 93101 TELEPHONE (805) 966-1521 FAX (805) 963-1780

Independent Auditors' Report

The Honorable Board of Retirement
Santa Barbara County Employees' Retirement System

We have audited the general purpose financial statements of the Santa Barbara County Employees' Retirement System as of and for the year ended June 30, 1998, as listed in the accompanying table of contents. These general purpose financial statements are the responsibility of the Santa Barbara County Employees' Retirement System's management. Our responsibility is to express an opinion on these general purpose financial statements based on our audit. The financial statements presented as of and for the year ended June 30, 1997 were audited by other auditors whose report dated August 15, 1997 expressed an unqualified opinion on those statements.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general purpose financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the general purpose financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the general purpose financial statements referred to above present fairly, in all material respects, the financial position of the Santa Barbara County Employees' Retirement System as of June 30, 1998, and the changes in its net assets for the year then ended in conformity with generally accepted accounting principles.

Our audit was made for the purpose of forming an opinion on the general purpose financial statements taken as a whole. The required supplementary information listed in the accompanying table of contents is presented for purposes of additional analysis and is not a required part of the general purpose financial statements of the Santa Barbara County Employees' Retirement System, but is required by the Governmental Accounting Standards Board. Such information has been subjected to the auditing procedures applied in the audit of the general purpose financial statements and, in our opinion, is fairly presented, in all material respects, in relation to the general purpose financial statements taken as a whole. The information presented in the investment, actuarial, and statistical sections, as listed in the accompanying table of contents, has not been audited by us and, accordingly, we express no opinion on it.

Mary, Hick, Hurris & Co.

FINANCIAL SECTION

SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM

STATEMENTS OF NET ASSETS

As of June 30, 1998 (with comparative amounts for June 30, 1997)

	JUNE 30, 1998	JUNE 30, 1997	
ASSETS			
Cash	\$ 20,887,236	\$ 16,902,379	
Short term investments	74,088,495	31,396,607	
Receivables:			
Contributions	1,416,364	1,530,308	
Accrued interest	6,412,768	5,810,526	
- Dividends	512,975	571,031	
Due from brokers for security sales	13,329,084	16,144,248	
Total receivables	21,671,191	24,056,113	
Investments, at fair value:			
Domestic equity	432,198,027	370,595,736	
Domestic fixed income	408,093,938	343,872,479	
International equity	114,780,702	104,786,216	
Global fixed income	22,269,619	27,638,291	
Real estate mortgage loans	131,336	339,801	
Real estate equity		194,104	
Total investments	977,473,622	847,426,627	
Total assets	\$ 1,094,120,544	\$ 919,781,726	
LIABILITIES			
Accounts payable	262,533	329,263	
Benefits payable	590,771	469,976	
Due to brokers for security purchases	30,335,679	30,106,369	
Total liabilities	31,188,983	30,905,608	
Net Assets Held in Trust for Pension Benefits	\$ 1,062,931,561	\$ 888,876,118	

See accompanying notes to general purpose financial statements. A schedule of funding progress is presented on page 17.

SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM

STATEMENTS OF CHANGES IN NET ASSETS

For the Years Ended June 30, 1998 (with comparative amounts for June 30, 1997)

	JUNE 30, 1998	JUNE 30, 1997	
ADDITIONS:			
Contributions:			
Employers	\$ 30,138,293	\$ 30,638,075	
Plan members	5,725,100	5,145,910	
Total contributions	35,863,393	35,783,985	
Net Investment Income:			
Net appreciation in			
fair value of investments	19,132,224	83,548,476	
Interest	29,824,478	26,662,762	
Dividends	7,290,037	6,847,259	
Gain on sale of investments	115,523,197	32,521,400	
Total investment income	171,769,936	149,579,897	
Less: Investment expenses	(2,460,806)	(2,397,481)	
Net investment income	169,309,130	147,182,417	
Total additions	205,172,523	182,966,402	
DEDUCTIONS:			
Benefits	29,827,368	27,352,099	
Member withdrawals	880,164	557,461	
Administrative expenses	409,548	239,205	
Total deductions	31,117,080	28,148,765	
Increase in net assets	174,055,443	154,817,637	
Net assets held in trust for pension benefits			
beginning of year	888,876,118	734,058,481	
Net assets held in trust for pension benefits, end of year	\$ 1,062,931,561	\$ 888,876,118	

See accompanying notes to general purpose financial statements.

A. DESCRIPTION OF PLAN

General

The Santa Barbara County Employees' Retirement System ("Retirement System") was organized under the provisions of the County Employees' Retirement Law of 1937 on January 1, 1944. The Retirement System is a cost-sharing multiple-employer plan. Members include all permanent and part-time employees (who work at least 50% of 2080 hours per year) of the County of Santa Barbara ("the County") and the following districts: Air Pollution Control District (APCD), Carpinteria Cemetery District, Carpinteria-Summerland Fire Protection District, Goleta Cemetery District, Oak Hill Cemetery District, Santa Barbara County Association of Governments, Santa Maria Cemetery District, and Summerland Sanitary District. Currently, the Retirement System provides three retirement plans; two Contributory ("Plan I" and "Plan III") and the Optional Non-Contributory ("Plan II") plan for general members. Safety members (i.e., eligible Sheriff and Fire Department employees) also have three Contributory plans, ("Plan II", "Plan II (Probation)" and "Plan III"). All new employees hired after October 10, 1994 will be enrolled in Plan III with the exception of general members who have the option to elect, within sixty days of employment, to be covered by the non-contributory Plan II. All plans provide benefits as defined by the law upon retirement, death, or disability of members, and cost-of-living benefits. The participating entities share proportionally in all risks and costs, including benefit costs. See the plan document for a more complete description of the plans.

The Board of Retirement ("Board") consists of nine members and two alternates of which four are appointed by the County's Board of Supervisors, four are elected by members of the Retirement System, and the County Treasurer is an ex-officio member. The Retirement System is not a component unit of the County of Santa Barbara as the County is not financially accountable for the Retirement System.

At June 30, 1998 the Retirement System's membership consisted of the following:

		General			Safety		
	Plan I	Plan II	Pian III	Plan I	Plan II	Pian III	Total
Retirees and beneficiaries currently receiving benefits; and terminated employees entitled to but not yet receiving benefits	1,974	35	11	326	5	4	2,355
Current employees:							
County of Santa Barbara:							
Vested	1,800	52	58	491	119	8	2,528
Non-vested	264	74	876	39	20	186	1,459
subtotal	2,064	126	934	530	139	194	3,987
Districts:							
Vested	89			22			111
Non-vested	21			3	_		24
subtotal	110			25			135
Total	4,148	161	945	881	144	198	6,477

Benefits

Plan I and Plan III: Pension benefits are based upon a combination of age, years of service, average monthly salary for the highest paid year of employment (thirty-six consecutive months for Plan III), and the benefit payment option selected by the member. Disability benefits are based upon whether the disability was service-connected or nonservice-connected. Death benefits are based upon whether the death occurred before or after retirement and whether the death was service-connected or nonservice-connected.

Plan II: Pension benefits are based upon a combination of age, years of service, and highest average monthly salary for thirty-six consecutive months of employment and are coordinated with social security benefits. A separate long-term disability program is available for members who become disabled, regardless of length of service, or whether the disability is job related. Death benefits are based upon whether the death occurred before or after retirement.

Cost-of-Living Benefits: Plan I and Plan III provide for cost-of-living adjustments for retired members. Cost-of-living adjustments are made to retired members' benefits each April 1 based upon reference to the Bureau of Labor Statistics Consumer Price Index for All Urban Consumers, subject to a 3% maximum limitation.

Other Post Employment Benefits: In addition to the retirement benefits described above, the Retirement System participates in its retired members' health insurance premiums by contributing \$12.00 per month per year of service for those retirees that elect a County sponsored health plan and \$1.47 per month per year of service cash option for those retirees that do not participate in a County sponsored health plan. The same actuarial assumptions and cost methods are used for determining the post-retirement health care contribution and accrued liability as those used for determining pension contributions. The County funded \$8.00 per month of service which is incorporated in the employer contribution rate. The additional \$4.00 has been actuarially prefunded by the Retirement System. Of the eligible retirees, during the year ended June 30, 1998, an average of 1,300 were enrolled in the County health plan, for which the Retirement System contributed \$2,575,820. An average of 600 beneficiaries have chosen not to participate in the County health plan and the Retirement System has paid \$125,866 for the cash option. In total, the Retirement System paid out \$2,701,686 for the year ended June 30, 1998 for post employment health care. There is no current unfunded liability for this benefit.

See the plan document for a more complete description of plan benefits.

Vesting:

Plan I and Plan III: Upon completing five years of creditable service, employees have non-revocable rights to receive benefits attributable to an employer's contributions, provided their contributions have not been withdrawn. Members are eligible to retire at age 50 with retirement credit of ten years from date of membership, or thirty years (safety members twenty years) regardless of age, or upon attaining age 70.

If an employee terminates before rendering five years of service, the employee forfeits the right to receive benefits and is entitled to withdraw the employee contributions made, together with accumulated interest, unless the member enters a reciprocal retirement system within six months and elects to keep these monies on deposit with the Retirement System.

If an employee terminates after five years of service, the employee may elect to leave the accumulated deposits in the retirement fund and be granted a deferred retirement allowance at the time the member would have been entitled to the allowance if service had been continued.

Plan II: Upon completing ten years of creditable service, Plan II members have non-revocable rights to receive benefits. Plan II members are eligible to retire at age fifty-five with retirement credit of ten or more years of service. Plan II members have a one time election to defer accrued Plan II benefits and enter the contributory retirement plan in effect at that time. Contributions are based upon age at the time of transfer.

B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Retirement System's financial statements are prepared on the accrual basis of accounting. Employer and employee contributions are recognized as revenue in the period in which employees' services are performed, and benefits and refunds are recognized as expense when the corresponding liabilities are incurred. Investment income is recognized as revenue when earned. Net appreciation (depreciation) in fair value of investments held by the Retirement System is recorded as an increase (decrease) to investment income based on valuation of investments at year-end. Realized gains and losses are recognized upon the maturity or disposition of the security or when a decline in market value is considered other than temporary.

Apportionment of Interest

Interest is apportioned semiannually at June 30 and December 31 to Member, County, and Retired Member Reserve accounts for all contributions that have been on deposit for six months, based on the annual actuarial assumption rate of 8.00%.

Method Used to Value Investments

Debt and equity securities are reported at fair value. Short-term investments are reported at cost, which approximates fair value. Securities traded on national or international exchanges are valued at the last reported sales price at current exchange rates. Real estate mortgages loans are valued on the basis of future principle and interest payments, and are reported at prevailing interest rates for similar instruments. The fair value of real estate investments is based on independent appraisals.

Administrative Expenses

Administrative expenses for the year ended June 30, 1998 were \$409,548 or approximately one-fourth of one percent of the fiscal year 1998 increase in net assets held in trust for pension benefits.

Income Taxes

The Internal Revenue Service has ruled that plans such as the Retirement System qualify under Section 401(a) of the Internal Revenue Code and are therefore not subject to tax under present income tax laws. Accordingly, no provision for income taxes has been made in the accompanying financial statements, as the plan is exempt from federal and state income taxes under the provisions of the Internal Revenue Code, Section 501, and California Revenue and Taxation Code Section 23701.

Year 2000 Compliance

Most computer programs were designed to perform data computations using the last two digits of the numerical value of a year. When a computation referencing the year 2000 is performed, these systems may interpret "00" as the year 1900 and could either stop processing date-related computations or could process them incorrectly. Computations referencing the year 2000 might be invoked at any time, but are likely to begin occurring in the year 1999. The Retirement System is in the process of implementing a new information system which will be year 2000 compliant and does not anticipate that it will incur material expenditures for the resolution of any other year 2000 issues. However, the Retirement System could be adversely impacted by year 2000 issues faced by major financial service organizations with which the Retirement System interacts. Management is in the process of determining the impact, if any, that third parties who are not year 2000 compliant may have on the operations of the Retirement System.

C. CASH AND INVESTMENTS

The Retirement System operates under the "Prudent Person Rule" which authorizes the Board, at its discretion, to allow for the purchase, holding, or sale of any form or type of investment, financial instrument, or financial transaction when prudent in the informed opinion of the Board.

Cash

The cash balance represents both operating cash held by the County Treasurer and investment cash on deposit with the investment custodian. At June 30, 1998, the aggregate carrying amount of all cash accounts was \$20,887,236 and the corresponding aggregate bank balances were \$20,887,236. Of the aggregate bank balance, \$200,000 was insured by Federal depository insurance or collateralized by securities held by the County's agent in the County's name. \$20,887,236 was collateralized in accordance with Section 53652 of the California Government Code with securities held by the pledging financial institution in the County's name, which have a market value of at least 110% of the County's deposits.

Investments

In accordance with generally accepted accounting principles, the Retirement System's investments at June 30, 1998 are categorized to give an indication of the level of credit risk assumed by the Retirement System. The Retirement System's investments are categorized as follows:

Category 1 -	Insured or registered, or securities held by the entity or its agent in the entity's name.
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Category 2 - Uninsured and unregistered, with the securities held by the counter parties trust department or agent in the entity's name.

Category 3 - Uninsured and unregistered, with securities held by the counter party's trust department or agent but not in the entity's name. (This includes the portion of the carrying amount of any underlying securities.)

Not Required To Be

Categorized - Includes investments made directly with another party, real estate, direct investments in mortgages and other loans, open-end mutual funds, pools managed by other governments, annuity contracts and guaranteed investment contracts.

Investments by category as of June 30, 1998 are as follows (in thousands):

		Category			Contractual Market Value	
	1	2	3			
Short-term investment fund				\$ 74,088	\$ 74,088	
Domestic Equity	\$ 432,198				432,198	
Domestic Fixed Income	408,094				408,094	
International Equity Global Fixed Income	114,780 22,270				114,780 22,270	
Trust deeds				131	131	
Total investments	\$ 977,342			\$ 74,219	\$1,051,561	

Reconciliation of investments on Statement of Plan Net Assets:

Total investments	\$ 1,051,561
less: Short-term investment fund	(74,088)
Investments on Statement of Plan Net Assets	\$ 977 473

At June 30, 1998 the Retirement System had investments in U.S. Treasury Bonds and Notes when combined, represented more than 5 percent of the Retirement System's plan net assets.

D. CONTRIBUTION REQUIREMENTS AND CONTRIBUTIONS MADE

Plan I and Plan III: Contributions are made by members and employers at rates recommended by an independent actuary, approved by the Board of Retirement, and adopted by the Board of Supervisors. For certain bargaining units, a portion of the member contribution is paid by the County. Member contributions cannot be withdrawn until separation from employment. Member contributions forfeit to the Retirement System if the member does not request a refund within five years of terminating membership.

Plan II: Employer contribution rates are recommended by the actuary, approved by the Board of Retirement, and adopted by the Board of Supervisors. There are no member contributions.

The actual contributions for the years, ended June 30, 1998 and 1997 were made in accordance with actuarially determined contributions for the year. The following table summarizes the contributions for the years ended June 30, 1998 and 1997:

	1998	1997
General:		
Plan I:		
Employer contributions - normal cost	\$ 13,194,831	\$ 14,408,010
Member contributions	2,514,862	2,652,840
Plan II:		, ,
Employer contributions - normal cost	371,703	415,907
Plan III:	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Employer contributions - normal cost	3,792,001	2,610,239
Member contributions	1,681,304	1,117,026
Safety:		
Plan I:		
Employer contributions - normal cost	9,160,175	10,228,295
Member contributions	456,028	457,359
Plan II (Probation):	•	107,009
Employer contributions - normal cost	1,403,143	1,314,918
Member contributions	584.210	599,221
Plan III:	· ,	J, 221
Employer contributions - normal cost	1,534,926	882,272
Member contributions	330,649	152,114
Air Pollution Control District		
General:		
Plan I and II		
Employer contributions - normal cost	681,514	778,434
Member contributions	158,047	167,350
Total	<u>\$ 35,863,393</u>	\$ 35,783,985

Contributions from all employers totaled \$30,138,293 (17.9 percent of current covered payroll) and contributions from employees totaled \$5,725,100 (3.4 percent of current covered payroll) based on actuarially determined contribution requirements. Of this, \$28,797,084 (or 95.5%) of employer contributions and \$5,593,650 (or 97.7%) of employee contributions were attributable to the County. The pension contributions represent funding of \$21,817,068 (12.7 percent of current covered payroll) for normal cost and \$8,321,225 (5.2 percent of current covered payroll) for amortization of the unfunded actuarial accrued liability.

E. RESERVES

Member and employer contributions are allocated to various legally-required reserve accounts based on actuarial determinations. All reserves are fully funded except for County and District reserves.

Set fourth below are descriptions of the purpose of each reserve and designation account.

Member Contribution Reserves represent the balance of member contributions. Additions include member contributions and interest earnings; deductions include refunds of member contributions and transfers to Retired Member Reserves.

County and District Reserves represent the balance of employer contributions for future retirement payments to current active members. Additions include contributions from the employer and interest earnings; deductions include transfers to Retired Members Reserves, lump sum death benefits, and payments under §31725.5 and §31725.6 of the County Employees' Retirement Law of 1937.

Retired Member Reserves represent the balance of transfers from Member Reserves and Employer Reserves and interest earnings, less payments to retired members.

Health Coverage Reserves and Supplemental Health Coverage Reserves represent the balance of monies set aside for the payment of health insurance premiums and cash benefits for retired members. Additions include contributions from the employer, interest and excess earning; deductions include payments of premiums for retired members who are enrolled in a County sponsored health plan and cash payments for retired members who do not participate in the health plans.

Sick Leave Reserves represent the balance of monies set aside to fund the conversion of unused sick leave hours (maximum of 2080 hours) to service credit for the purpose of calculation of retirement benefits. Additions include related earnings and excess earnings; deductions include transfers to Retired Member Reserves.

Spousal Continuance Reserves represent monies transferred to fund the adoption of §31760.2 of the County Employees' Retirement Law of 1937, which allows 60 percent continuance to a spouse if the spouse was married to the retiree at least two years prior to the member's death and the spouse is age 55 or older on the date of the retiree's death.

Special Allowance Reserve represent monies transferred to additional benefits which have been granted by the Board of Retirement. Additions include related and excess earnings; deductions include payments to retired members.

Member and Employer Supplemental Reserves represent reserves accumulated for future benefits. Additions include excess earnings; deductions includes loss earnings and transfers to other reserves to fund for additional benefits.

Reserve account balances as of June 30, 1998 and 1997 are as follows:

	1998	1997
Member Contribution Reserves	\$ 81,534,316	\$ 76,054,295
County and District Reserves	289,004,329	260,330,139
Retired Member Reserves	267,919,140	245,167,737
Health Coverage Reserves	36,069,785	35,384,834
Supplemental Health Coverage Reserves	26,036,690	24,579,990
Sick Leave Reserves	3,149,619	2,912,000
Spousal Continuance Reserves	899,891	832,000
Special Allowance	24,770,803	19,455,030
Member Supplemental Reserves	0	1,359,658
Employer Supplemental Reserves	0	4,654,042

F. PLAN TERMINATION

There are no plan termination provisions under the County Employees' Retirement Law of 1937 which governs the operation of the Retirement System.

G. CONTINGENCIES

The Retirement System is a defendant in various lawsuits which, in management's opinion, will not have a material effect on the general purpose financial statements.

REQUIRED SUPPLEMENTARY INFORMATION

Ten-year historical trend information about the Retirement System is presented herewith as required supplementary information. This information is intended to help users assess the Retirement System's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other public employees' retirement systems.

SCHEDULE OF FUNDING PROGRESS**

Valuation Date	(1) Actuarial Value of Plan Assets	(2) Actuarial Accrued Liability (AAL)	(3) Funded Ratio (1) ÷ (2)	(4) Unfunded Actuarial Accrued Liability (UAAL) (2) - (1)	(5) Annual Covered Payroll	(6) UAAL as a Percentage of Covered Payroll (4) ÷ (5)
12/31/97	\$799,539,000	\$873,624,000	91.5%	\$74,085,000	\$171,602,000	43.2%
12/31/96	693,300,597	758,771,583	91.4	65,470,986	159,906,000	40.9
12/31/95	624,822,614	711,868,472	87.8	87,045,858	154,120,000	56.5
12/31/94	546,703,000	643,452,966	85.0	96,749,966	144,524,000	67.0
12/31/92	451,105,572	552,544,865	81.7	101,439,293	131,532,000	77.1
12/31/90	332,225,133	517,987,560	64.1	185,762,427	118,385,000	156.9
12/31/88	271,533,553	403,824,675	67.2	132,291,122	87,719,000	151.0
	•	•		, ,		

^{**} Actuarial valuations were performed biennially except for 1995 and 1996, therefore data is not available for certain years.

SCHEDULE OF EMPLOYER CONTRIBUTIONS

Year Ended Dec. 31	Annual Required Contributions (ARC)	Contributions Made As a Percentage of (ARC)
1997	\$31,692,000	100.0%
1996	27,114,000	100.0
1995	27,664,000	100.0
1994	24,678,000	100.0
1992	21,200,000	100.0
1990	14,557,000	100.0
1988	7,879,000	100.0

Note: ARC are as of Dec. 31 and employer contributions are as of June 30 in the above calculation.

NOTE TO THE SCHEDULE OF FUNDING PROGRESS AND SCHEDULE OF EMPLOYER CONTRIBUTIONS

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the dates indicated. Additional information of the latest actuarial valuation follows.

Valuation date December 31, 1997

Actuarial cost method Entry Age Normal Actuarial Cost Method

Amortization method Level percent

Remaining open amortization period 8 years

Asset valuation method Actuarial book value

Actuarial assumptions:

Investment rate of return 8.00 %

Projected salary increases 1% Merit and Longevity

4.75 % Inflation (COLA)

Includes inflation at 4.75 % per annum

Cost-of-living adjustments Up to 3 % for Plans I, III, and APCD Plan II

None for General Plan II

INVESTMENT SECTION

OUTLINE OF INVESTMENT POLICIES

The Board has adopted an investment policy that outlines the specific responsibilities of the Board of Retirement. It is the policy of the Board that:

- 1. The investment of the assets of the Retirement System shall be based on a financial plan that will consider:
 - the financial condition of the Retirement System
 - the expected long-term capital market outlook
 - the County's risk tolerance
 - future growth of active and retired participants
 - inflation and the rate of salary increase
 - cash flow.

The financial plan measures the potential impact on pension cost of alternative investment policies in terms of risk and return based on various levels of asset diversification and the current and projected liability structure of the retirement plan.

- 2. Based on the financial plan, it will be the responsibility of the Board to determine the specific allocation of the investments among the various asset classes considered prudent given the retirement plan's liability structure. The asset allocation, which is the Retirement System's investment structure, shall be sufficiently diversified to maintain risk at a reasonable level determined retirements by the Board without imprudently sacrificing return. The Board shall determine performance benchmarks against which the asset allocation plan shall be reviewed to ensure that the asset mix remains appropriate to meet long term goals of the investment program.
- 3. In accordance with the asset allocation guidelines, the Board will select external investment managers with demonstrated experience and expertise whose investment styles collectively will implement the planned asset allocation.
- 4. It is the responsibility of the Board to administer the investments of the Retirement System at the lowest possible cost, being careful to avoid sacrificing quality.

PERFORMANCE RESULTS

		Annualized		
Investments	Current Qtr (1998)	1 - year	3 - year	
Total Portfolio	1.9%	19.0%	18.5%	
Benchmark (1)	2.5%	18.0%	18.7%	
TUCS Public Plan Ranking Percentile	47%	57%	60%	
Domestic Equity	1.5%	27.2%	28.9%	
Benchmark (2)	3.3%	30.3%	30.3%	
TUCS Domestic Equity Ranking Percentile	42%	45%	31%	
International Equity	1.9%	9.5%	13.4%	
MSCI-EAFE	1.1%	6.4%	11.0%	
TUCS International Ranking Percentile	33%	49%	70%	
Domestic Fixed Income	2.8%	13.1%	9.8%	
Benchmark (3)	2.3%	10.5%	7.9%	
TUCS Fixed Income Ranking Percentile	38%	42%	42%	
International Fixed Income	2.1%	6.7%		
Benchmark (4)	2.0%	4.3%		
TUCS Fixed Income Ranking Percentile				
Real Estate	(.1)%	3.2%	.4%	
NCREIF Property Index	3.9%	15.6%	95%	
TUCS Real Estate Ranking Percentile	76%	91%	85%	

Calculations were prepared using a time-weighted rate of return based on the market rate of return in accordance with AIMR's Performance Presentation Standards.

Benchmark

- (1) Standard and Poor's 500 (S&P 500); Russell; European Australia, Far East (EAFE); Lehman Aggregate; Soloman Brothers World Government Bond Index (SBWGB); National Council for Real Estate Investment Fiduciaries (NCREIF); Treasury-Bills (T-Bills)
- (2) S&P 500; Russell 2000
- (3) Lehman Aggregate
- (4) SBWGB
- (5) Trust Universe Comparisons (TUCS)

ASSET ALLOCATION

	Market		Target			
	Value	%	%			
Cash	\$ 20,887,236	1.9				
Short-term investments	74,088,495	6.9	2			
Fixed Income:				Int'l	Real	
Domestic Bonds	408,093,938	38.0	35.0	Equities	Cash Estate	
Global Bonds	22,269,619	2.1	5.0			Domestic
Total Fixed Income	430,363,557	40.1	40.0			Bonds
Equities:						
Domestic Equities	432,198,027	40.3	43.0	Domestic		
International Equities	114,780,702	10.7	15.0	Equities	Global	
Total Equities	546,978,729	51.0	58.0		Bonds	
Real Estate	131,336	1				
Total	\$1,072,449,353	100.0	100.0			

SCHEDULE OF TOP TEN EQUITY AND FIXED INCOME SECURITIES

TOP TEN EQUITY SECURITIES * By Market Value

Shares	Security Name	Market Value
139,600	BMC Software Inc common stock	\$7,250,475
81,300	Coca Cola Co common stock	6,951,150
70,700	General Electric common stock	6,424,863
78,500	Johnson & Johnson common stock	5,809,000
96,000	Ford Motor Corporation common stock	5,664,000
47,400	Pfizer Incorporated common stock	5,151,788
66,360	Chase Manhattan Corporation common stock	5,010,180
63,900	Northern Trust Corp common stock	4,872,375
86,600	Heinz H J Corporation common stock	4,860,425
68,700	State Street Corporation common stock	4,774,650

TOP TEN FIXED INCOME SECURITIES * By Market Value

Par Value	Security Name	Market Value
32,300,000	US Treasury Bonds 12.00% 15Aug13 DTD 8/15/83	\$ 47,889,918
24,000,000	Texas Municipal Power Agency .010 01Sep14	10.597.200
9,000,000	Ameritechcap Fdg Corp 6.45% 15Jan18 Deb	9,223,830
23,100,000	US Treasury Bonds .010 15May17 stripped prin.	7,888,419
7,300,000	US Treasury Bonds 6.25% 28Feb02	7,467,681
5,800,000	Hydro Quebec 8.25% 15Jan27 Deb Ser Gq	7,043,230
6,600,000	Landesbank Rheinland Pflaz 5.0% 23Feb28	6,516,708
5,500,000	First Chicago Nbd Institute 7.95 01Dec26 cap secs Ser A	5,970,415
5,740,000	US Treasury Bonds 6.0% 15Aug99	5,769,618
5,150,000	US Treasury Bonds 7.75% 31Jan00	5,320,568
+ A 1 . 1 . C		0,020,000

^{*} A complete list of portfolio holdings is available upon request.

SCHEDULE OF PROFESSIONAL FEES AND SERVICE

	Assets Under Management	Fees	Basis Points
Investment Managers Fixed Income Managers Equity Managers Total Investment Managers	\$ 460,406,798 <u>543,406,067</u> 1,003,812,865	\$ 941,527 _1.193,186 _2,134,713	.204% .219
Other Investment Service Fees: Custodian Fees Investment Consultant Fees	<u></u>	268,093 58,000	.030
Total Investment Service Fees	<u>\$1,003,812,865</u>	\$2,460,806	<u>.245%</u>

INVESTMENT SUMMARY As of June 30, 1998

Type of Investment	Market Value	Percent of Total Market Value
Fixed Income Investments:		
Domestic	\$408,093,938	38.0%
Global	22,269,619	2.1
Total Fixed Income Investments	430,363,557	40.1
Equity Investments-Domestic and		
International:		
Basic-Industry	25,725,111	2.4
Capital Goods	14,417,080	1.3
Consumer Service	135,301,375	12.6
Energy	26,240,531	2.4
Financial	71,919,016	6.7
General Business and Miscellaneous	165,173,600	15.4
Shelter	5,436,816	.6
Technological	59,885,177	5.6
Transportation	3,326,198	.3
Utilities	39,553,825	3.7
Total Equity Investments	546,978,729	51.0
Alternative Investments:		
Real Estate	131,336	1
Total Alternative Investments	131,336	.1
Cash	20,887,236	1.9
Short-Term Investments	<u>74.088.495</u>	1.9 6.9
Total	<u>\$1,072,449,353</u>	100.0%

ACTUARIAL SECTION

ACTUARY'S CERTIFICATION LETTER

BUCS CONSULTANTS

100 California Street Suite 1300 San Francisco, California 94111

July 30, 1998

Board of Retirement
Santa Barbara County
Employees' Retirement System
County Administration Building, Room 301
105 East Anapamu Street
Santa Barbara, California 93101

Members of the Board:

Re: Actuarial Certification of the Santa Barbara County Employees' Retirement System

Buck Consultants, Inc. is the Consulting Actuary for the Santa Barbara County Employees' Retirement System.

The funding objective of the Plan is to establish contribution rates which, over time, will remain as a level percentage of payroll unless Plan benefit provisions are changed. Actuarial funding is based on the Entry Age Normal Cost Method. Under this method, the employer contribution rate provides for current cost (normal cost) plus a level percentage of payroll to amortize the unfunded actuarial accrued liability (UAAL). As of December 31, 1997, the remaining amortization period for the UAAL is 8 years.

Actuarial studies are performed annually. The date of the most recent actuarial valuation is December 31, 1997. In each actuarial study, we conduct an examination of all participant data for reasonableness.

The System's financial statements are audited by an outside auditor. For actuarial valuation purposes, Plan assets are valued at Actuarial Value. Under this method, the assets used to determine employer contribution rates take into account market value by spreading all gains and losses over five years.

Our firm has prepared all of the schedules presented in the actuarial report. actuarial assumptions shown in the schedules were selected by us as being appropriate for use under the Plan. An analysis of the Plan's noneconomic experience was performed as of December 31, 1997 to establish the validity of these assumptions. The assumptions used in the most recent valuation produce results aggregate, which. in the reasonably approximate the anticipated future experience of the Plan. The next experience analysis is due to be performed as of December 31, 2000.

We certify that the Retirement System is in sound financial condition and that the valuation was performed in accordance with generally accepted actuarial principles and practices. In particular, the assumptions and methods used for funding purposes meet the parameters of the Governmental Accounting Standards Board Statement No. 25.

Respectfully submitted,

Krystyna H. Upstill, E.A., M.A.A.A. Principal and Consulting Actuary

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Michael Moehle, FSA, E.A. Consulting Actuary

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SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS

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

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

The actuarial accrued liability is the cost allocated to years prior to the actuarial valuation date; it is the excess of the value of benefits over the value of future member contributions and the value of future normal costs. The difference between the Actuarial Accrued Liability and the plan assets is called the Unfunded Actuarial Accrued Liability and is funded (amortized) as a level percentage of projected future payroll over eight years from December 31, 1997.

The current approach used to recognize gains and losses is to spread each year's unrealized gains and losses over five years. Thus resulting in only 20 percent of unrealized gains and losses are to be recognized in any one year. Note that starting with fiscal year 1993-94 realized gains and losses are treated the same. This was done on a prospective basis only.

The contribution requirement and benefits values of the Retirement System are calculated by applying actuarial assumptions to the benefit provisions and member information furnished, using the actuarial cost methods described above. The recommended actuarial contribution rates were adopted and implemented by Retirement System.

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

- (a) long term rates of investment return to be generated by the assets of the Retirement System.
- (b) pay increase patterns.
- (c) rates of mortality among members, retirants, and beneficiaries.
- (d) rates of withdrawal from active service, including death.
- (e) the age patterns of actual retirements.

Actual experience of the Retirement System will not coincide exactly with assumed experience, regardless of the election of the assumptions, skill and proficiency of the actuary and the accuracy of calculations made. Each valuation provides a complete recalculation of assumed future experience and takes into account all past differences between assumed and actual experiences.

The investment return rate used for the actuarial valuation calculations is 8.0 percent a year, net of administrative expenses, compounded annually. This assumption is adopted by the Retirement Board. The rate is comprised of two elements:

	<u>12/31/97</u>	<u>12/31/96</u>
Inflation (COLA)	4.75%	4.75%
Real Rate of Return	3.25%	3.25%
Total	8.00%	8.00%

Salary increase rates for inflation and graded merit and longevity are as follows:

	<u>12/31/9</u> 7	<u>12/31/96</u>
Inflation (COLA)	4.75%	4.75%
Merit and Longevity	<u> 1.00%</u>	1.00%
Total	5.75%	5.75%

The post-retirement mortality tables used were as follows:

Service Retirement Mortality Tables:

General Males 1983 Group Annuity Mortality Table for Males

General Females 1983 Group Annuity Mortality Table for Females, set forward one year.

Safety 1983 Group Annuity Mortality Table for Males, set forward one year.

Disability Retirement Mortality Tables:

General 1981 Disability Mortality Table for General Members.

Safety 1981 Disability Mortality Table for Safety Members.

These assumptions are used to measure the probabilities of members dying after retirement and the probability of each benefit payment being made after retirement. Related values are shown below.

FUTURE LIFE EXPECTANCY AFTER SERVICE RETIREMENT (YEARS)

GENE	RAL	
Male	Female	Safety
29.18	33.97	28.30
24.83	29.31	23.98
20.64	24.78	19.83
16.69	20.43	15.95
13.18	16.34	12.54
10.15	12.69	9.60
7.64	9.63	7.21
5.73	7.11	5.41
4.28	5.02	4.04
3.16	3.37	2.98
2.28	2.14	2.11
1.43	1.19	1.26
	Male 29.18 24.83 20.64 16.69 13.18 10.15 7.64 5.73 4.28 3.16 2.28	29.18 33.97 24.83 29.31 20.64 24.78 16.69 20.43 13.18 16.34 10.15 12.69 7.64 9.63 5.73 7.11 4.28 5.02 3.16 3.37 2.28 2.14

FUTURE LIFE EXPECTANCY AFTER DISABILITY RETIREMENT (YEARS)

Age	General	Safety and Probation	Age	General	Safety and Probation
20	38.73	49.29	65	14.09	14.09
25	35.19	44.79	70	11.70	11.70
30	31.98	40.36	75	9.24	9.24
35	, 29.00	36.02	.80	7.00	7.00
40	26.21	31.77	85	5.34	5.34
45	23.57	27.61	90	4.09	4.09
50	21.08	23.59	95	3.07	3.07
55	18.68	19.77	100	2.20	2.20
60	16.37	16. 64	105	1.38	1.38

Probability of separation from active service - The following tables indicate the probability of separation from active service for each of eight separate sources of termination:

Withdrawal	Member terminates and elects refund of member contributions.
Vested Termination	Member terminates and contributions are left on deposit.
Ordinary Death	Member dies prior to eligibility for retirement; death not employment related.
Ordinary Disability	Member receives disability retirement; disability not employment related.
Service Retirement	Member retires after satisfaction of requirements of age and/or service for reasons other than disability.
Duty Disability	Member receives disability retirement; disability is employment related.
Duty Death	Member dies prior to retirement; death is employment related.
Death While Eligible	Member dies prior to retirement but after satisfaction of age and/or service requirements for service retirement.

The probability shown for each cause of termination represent the probability that a given member will terminate at a particular age for the indicated reason. For example, if the probability of withdrawal at age 25 is .1500, then we are assuming that 15.00 percent of the active members at age 25 will terminate without vested rights during the next year.



PROBABILITY OF SEPARATION FROM ACTIVE SERVICE General Members - Males

Sample Age	Withdrawal	Ordinary Death	Ordinary Disability	Service	Death While Eligible	Duty Death	Duty Disability	Terminated Vested
20	.16500	.00015	.00000	.00000	.00000	.00013	.00010	.00000
25	.12000	.00023	.00000	.00000	.00008	.00013	.00010	.00000
30	.08500	.00030	.00000	.00000	.00017	.00013	.00020	.00450
35	.06000	.00038	.00014	.00000	.00017	.00013	.00030	.01300
40	.04300	.00045	.00028	.00000	.00025	.00013	.00080	.01200
45	.03000	.00060	.00084	.00000	.00051	.00013	.00150	.01650
50	.02300	.00097	.00182	.04500	.00119	.00013	.00200	.01500
55	.01800	.00165	.00322	.06000	.00230	.00013	.00280	01000
60	.01300	.00240	.00518	.11000	.00348	.00013	.00350	.00700
65	.01000	.00315	.00798	.29000	.00476	.00013	.00000	.00000
70	.00000	.00000	.00000	1.0000	.00000	.00000	.00000	.00000

PROBABILITY OF SEPARATION FROM ACTIVE SERVICE General Members - Females

Sample Age	Withdrawal	Ordinary Death	Ordinary Disability	Service	Death While Eligible	Duty Death	Duty Disability	Terminated Vested
20	.17250	.00010	.00000	.00000	.00000	.00010	.00008	.00000
25	.13250	.00010	.00012	.00000	.00010	.00010	.00008	.00000
30	.11000	.00020	.00012	.00000	.00010	.00010	.00008	.01000
35	.08700	.00030	.00033	.00000	.00010	.00010	.00016	.01800
40	.05500	.00040	.00045	.00000	.00010	.00010	.00040	.01850
45	.03200	.00050	.00102	.00000	.00020	.00010	.00072	.01900
50	.02600	.00060	.00146	.02000	.00040	.00010	.00096	.01750
55	.02100	.00100	.00191	.05000	.00090	.00010	.00136	.00800
60	.01650	.00180	.00281	.06000	.00140	.00010	.00168	.00400
65	.01500	.00280	.00000	.30000	.00200	.00010	.00000	.00000
70	.00000	.00000	.00000	1.0000	.00000	.00000	.00000	.00000

PROBABILITY OF SEPARATION FROM ACTIVE SERVICE Safety and Probation Members

Sample Age	Withdrawal	Ordinary Death	Ordinary Disability	Service	Death While Eligible	Duty Death	Duty Disability	Terminated Vested
20	.07000	.00010	.00000	.00000	.00000	.00006	.00014	.00000
25	.05500	.00020	.00004	.00000	.00008	.00013	.00027	.01200
30	.03800	.00020	.00004	.00000	.00008	.00013	.00094	.01750
35	.02500	.00020	.00032	.00000	.00015	.00013	.00202	.00950
40	.01500	.00030	.00066	.00000	.00045	.00020	.00360	.00700
45	.00600	.00040	.00088	.00600	.00060	.00540	.00600	.00350
50	.00400	.00060	.00094	.05000	.00082	.00742	.00742	.00100
55	.00000	.00110	.00000	.10000	.00120	.00091	.00000	.00000
60	.00000	.00000	.00000	1.0000	.00000	.00000	.00000	.00000

SCHEDULE OF ACTIVE MEMBER VALUATION DATA

Valuation Date June 30	Plan Type	Active Members	Annual Salary	Average Annual Salary	% Increase in Average Annual Salary
1998	General	3,234	\$125,679,000	\$38,862	3.7
	Safety	888	42,637,000	<u>48,015</u>	_(.6)
	Total	4,122	168,316,000	40,834	2.8
1997	General	3,154	118,250,000	37,492	2.1
	Safety	<u>820</u>	39,593,000	<u>48,284</u>	<u>4</u>
	Total	3,974	157,843,000	39,719	<u>.4</u> 1.7
1996	General	3,065	112,589,000	36,734	3.7
	Safety	803	38,613,000	48,086	6.2
	Total	3,868	151,202,000	39,090	4.2
1995	General	3,018	106,895,000	35,419	1.0
	Safety	808	36,597,000	45,293	4.8
	Total	3,826	143,492,000	37,504	1.9
1994	General	2,916	102,278,000	35,075	1.3
	Safety	781	33,758,000	43,224	(2.9)
	Total	3,697	136,036,000	36,796	0.3
1993	General	2,825	97,774,000	34,610	0.0
	Safety	<u>741</u>	32,996,000	44,529	4.9
	Total	3,566	130,770,000	36,671	1.0
1992	General	2,716	94,044,000	34,626	6.5
	Safety	742	31,497,000	42,449	6.2
	Total	3,458	125,541,000	36,305	7.2
1991	General	2,812	91,445,000	32,520	9.0
	Safety	627	25,064,000	39,974	10.5
	Total	3,439	116,509,000	33,879	9.3
1990	General	2,781	82,961,000	29,831	6.7
	Safety	<u>622</u>	22,502,000	36,177	6.0
	Total	3,403	105,463,000	30,991	6.4
1989	General	2,584	72,277,000	27,971	8.2
	Safety	592	20,203,000	34,127	(11.8)
	Total	3,176	92,480,000	29,118	4.4

SCHEDULE OF RETIRANTS AND BENEFICIARIES ADDED TO AND DELETED FROM RETIREE PAYROLL

Fiscal	Beginning				Total	% Increase	Average Annual
Year	of Year	Adds	Deletes	Ending	Retiree Payroll	in Payroll	Allowance
1998	1,822	164	94	1,892	. \$27,189,813	17.9%	\$1,198
1997	1,759	149	86	1,822	23,067,897	10.5	1,055
1996	1,704	142	76	1,759	20,866,717	9.3	988
1995	1,647	141	95	1,693	19,088,284	6.9	939
1994	1,617	119	89	1,647	17,855,364	9.2	903
1993	1,570	N/A	N/A	1,617	16,355,493	8.9	843
1992	1,494	N/A	N/A	1,570	15,025,122	15.5	797
1991	1,425	N/A	N/A	1,494	13,004,524	8.6	725
1990	1,385	N/A	N/A	1,425	11,980,147	12.1	701
1989	1,319	N/A	N/A	1,385	10,683,443	11.8	642

SUMMARY OF MAJOR PLAN PROVISIONS

ELIGIBILITY

First of pay period following date of employment.

DEFINITION OF SALARY

• Highest 12 consecutive months of compensation earnable for Plan I members and highest thirty-six consecutive months of compensation earnable for Plan II and Plan III members.

SERVICE RETIREMENT

Normal retirement age

Ages 57, 65, 50, and 55 for County Employees' Retirement Law of 1937 Sections 31676.1 (General Plans I and III), 31486.4 (General Plan II), 31664 (Safety and Probation), and Section 31676.15 (APCD Plans I and II), respectively.

Early retirement

 Age 50 and 10 years for Plan I and III and APCD Plan II and ages 55 and 10 years for General Plan II; or 30 years for General Plans I and III, and 20 years for Safety and Probation.

Benefit

- 1/60 times final average salary per year of service for General Plan I and III,
- 2 percent of final average salary per year of service (maximum 35 years) plus 1 percent of final average salary per year of service in excess of 35 (maximum 10 years) reduced by 1/35 of Social Security benefit at age 65 per year of service (maximum 35 years) for General Plan II, and
- 1/50 times final average salary per year of service for Safety, Probation and APCD.

Benefit adjustments

- Reduced for retirement before ages 57, 65, 50, and 55 for County Employees' Retirement Law of 1937 Sections 31676.1, 31486.4, 31664, and 31676.15, respectively. Reductions for Section 31486.4 are actuarial equivalents.
- Increased for retirement after ages 57, 50, and 55 for Sections 31676.1, 31664 and 31676.15, respectively.

DISABILITY RETIREMENT

- Non-service connected for General Plans I and III Safety and APCD.
- 1.5 percent (General Plans I and III) and 1.8 percent (Safety, Probation and APCD) of final average salary
 per year of service, with maximum of 33 1/3 percent if projected service is used (age 65 for General Plans I
 and III and APCD, age 55 for Safety and Probation), or 90 percent of the accrued service retirement benefit
 without a benefit adjustment.
- Service connected for Plans I and III and APCD Plan II.
- Greater of 50 percent of final average salary or service retirement benefit (if eligible).
- General Plan II purchases long-term insurance policy.
- 60 percent of salary provided outside of the Plan. Payments are reduced by other disability income are reduced by other disability income benefits. Service retirement at age 65 (credit given toward service retirement while disability under the LTD Plan).

DEATH BEFORE RETIREMENT

- Non-service connect before eligible to retire, for Plans I and III and APCD Plan II
 - refund of contributions plus 1/12 of last years' salary per year of service up to 6 years.
- Eligible for non-service connected disability or service retirement for Plans I and III and APCD Plan II
 - 60 percent of member's accrued allowance.
- Service connected for Plans I and III and APCD Plan II
 - 50 percent of salary.
- Benefit for General Plan II
 - 1/12 of last years' salary per year of service up to 6 years.

DEATH AFTER RETIREMENT

- \$1,000 lump sum death benefit for Plans I and III and APCD Plan II
- Service retirement or non-service connected disability
 - 60 percent of member's allowance payable to an eligible spouse for Plan I and 3 APCD Plan II.
 - -50 percent of member's allowance payable to an eligible spouse for General Plan II.
- Service connected disability
 - 100 percent of member's allowance to an eligible spouse for Plans I and III APCD Plan II.
 - 50 percent of member's allowance payable to an eligible spouse for General Plan II.

VESTING

- Must leave contributions on deposit.
- Five years of service for Plans I and III and APCD Plan II.
- Ten years of service for General Plan II.

MEMBER'S CONTRIBUTIONS

- Based on entry age
- Half rates for General, Safety, and APCD Plans I. Full rates for General and Safety Plans III, Probation, and APCD Plan II. General Plan II is noncontributory.

MAXIMUM BENEFIT

- 100 percent of final average salary for Plans I and III and APCD Plan II
- Benefit and Social Security combined cannot exceed 70 percent of final average salary if service is less than 35, otherwise 80 percent for General Plan II.

COST-OF-LIVING

- Up to 3 percent cost-of-living adjustment for Plans I, III, and APCD Plan II
- None for General Plan II.

STATISTICAL SECTION

SCHEDULE OF REVENUES BY SOURCE

Fiscal Year	Member Contributions	Employer Contributions	Net Return On Investments	Total
1998	\$5,725,100	\$30,138,293	\$152,637,712	\$188,501,105
1997	5,145,910	30,638,075	66,031,421	101,815,406
1996	4,917,240	26,105,266	78,900,683	109,923,191
1995	4,187,640	22,611,053	31,823,951	58,622,644
1994	3,989,265	21,355,077	45,522,224	70,866,566
1993	3,909,083	20,599,162	53,901,397	78,409,642
1992	2,641,245	20,146,098	46,909,344	69,696,687
1991	3,546,814	15,851,360	28,687,750	48,085,924
1990	2,628,334	13,134,454	33,246,550	49,009,338
1989	2,190,646	10,218,800	27,696,271	40,105,717

SCHEDULE OF EXPENSES BY TYPE

Benefits Paid	Refunds	Investment Expenses	Administrative Expenses	Total
\$29,827,367	\$880,164	\$2,406,806	\$409.548	\$33,523,885
27,352,099	557,461	•	·	, ,,,,,,
24,849,470	529,706	, ,	,	30,546,245
22,610,749	573,736	·		27,927,948
21,313,567	456,562		,	25,402,399
19,426,379	499,763		,	24,759,573
17,800,216	369,038	,	, -	21,633,538
15,561,597	469,492		,	19,497,653
13,586,597	549,690	. ,	•	17,212,809
12,100,626	529,516	967,014	156,571	15,286,067 13,753,726
	\$29,827,367 27,352,099 24,849,470 22,610,749 21,313,567 19,426,379 17,800,216 15,561,597 13,586,597	\$29,827,367 \$880,164 27,352,099 557,461 24,849,470 529,706 22,610,749 573,736 21,313,567 456,562 19,426,379 499,763 17,800,216 369,038 15,561,597 469,492 13,586,597 549,690	Benefits Paid Refunds Expenses \$29,827,367 \$880,164 \$2,406,806 27,352,099 557,461 2,397,480 24,849,470 529,706 2,301,388 22,610,749 573,736 2,031,883 21,313,567 456,562 2,776,693 19,426,379 499,763 1,492,823 17,800,216 369,038 1,267,055 15,561,597 469,492 1,079,936 13,586,597 549,690 1,032,215	Benefits Paid Refunds Expenses Expenses \$29,827,367 \$880,164 \$2,406,806 \$409,548 27,352,099 557,461 2,397,480 239,205 24,849,470 529,706 2,301,388 247,384 22,610,749 573,736 2,031,883 186,030 21,313,567 456,562 2,776,693 212,751 19,426,379 499,763 1,492,823 214,572 17,800,216 369,038 1,267,055 61,344 15,561,597 469,492 1,079,936 101,784 13,586,597 549,690 1,032,215 117,567 12,100,626 539,516 007,044

SCHEDULE OF AVERAGE BENEFIT PAYMENTS

	Years of Retirement					
1997	0-10	10-15	15-20	20-25	25-30	30+
Average Monthly Benefit Average Annual Benefit Number of Active Retirants	\$ 1,736 20,832 817	\$ 1,212 14,543 316	\$ 951 11,412 345	\$ 819 9,829 252	\$ 709 8,497 87	\$ 611 7,333 34
1996 Average Monthly Benefit Average Annual Benefit	\$ 1,672 20,065	\$ 1,161 13,933	\$ 832 9,985	\$ 799 9,586	\$ 672 8.067	\$ 591 7,089
Number of Active Retirants	776	325	356	211	84	30
1995						
Average Monthly Benefit Average Annual Benefit Number of Active Retirants	\$ 1,575 18,901 754	\$ 1,106 13,274 326	\$ 766 9,200 369	\$ 785 9,428 178	\$ 629 7,551 72	\$ 543 6,515 25

SCHEDULE OF RETIRED MEMBERS BY TYPE OF BENEFITS

GENERAL MEMBERS Service	Number of <u>Retirees</u>	Annual <u>Allowance</u>	Average <u>Allowance</u>
Males	575	\$ 8, 44 8,018	\$14 6D2
Females	657	6,366,102	\$14,692 9,689
Disability			
Males	54	665,598	12,326
Females	33	432,350	13,101
Beneficiaries			
Males	49	272,730	5,566
Females	194	<u>1,301,334</u>	6,708
Total	<u>1.562</u>	<u>17.486.132</u>	<u> 11,195</u>
SAFETY MEMBERS Service			-
Males	152	4,948,544	32,556
Females	10	230,168	23,017
Disability			
Males	74	1,331,373	17,992
Females	6	128,983	21,497
Beneficiaries			
Males	4	45,285	11,821
Females	<u>43</u>	<u>552,092</u>	12,839
Total	289	<u>7,236,445</u>	25,039

GLOSSARY

ACCUMULATED BENEFIT OBLIGATION The actuarial present value of benefits (whether vested or nonvested) attributed by the pension benefit formula to employee service rendered before a specific date and based on employee service and compensation (if applicable) before that date. The accumulated benefit obligation differs from the projected benefit obligation in that it includes no assumptions about future compensation levels.

ACCUMULATED PLAN BENEFITS Benefits attributable under the provisions of a pension plan to employees for services rendered to the benefit information date.

ACTUARIAL ASSUMPTIONS Assumptions used in the actuarial valuation process as to the occurrence of future events affecting pension costs, such as morality, withdrawal, disablement and retirement; changes in compensation and national pension benefits; rates of investment earnings and asset appreciation or depreciation; procedures used to determine the actuarial value of assets; characteristics of future entrants for open group actuarial cost methods and other relevant items.

ACCRUAL BASIS. The recording of the financial effects on a government of transactions and other events and circumstances that have cash consequences for the government in the periods in which those transactions, events and circumstances occur, rather than only in the periods in which cash is received or paid by the government.

ACTUARIAL ACCRUED LIABILITY The portion, as determined by a particular cost method, of the total present value of benefits that is attributable to past service credit.

ACTUARIAL GAIN (LOSS) A measure of the difference between actual and expected experience based upon a set of actuarial assumption. Examples include higher than expected salary increases (loss) and a higher return on fund assets than anticipated (gain).

ACTUARIAL PRESENT VALUE The discounted value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application o a particular set of actuarial assumptions.

AMORTIZED OR UAAL PAYMENT The portion of the pension plan contribution which is designed to pay off (amortize) the unfunded actuarial accrued liability in a systematic fashion. Equivalently, it is a series of periodic payments required to pay off a debt.

AMORTIZATION. (1) The portion of the cost of a limitedlife or intangible asset charged as an expense during a particular period. (2) The reduction of debt by regular payments of principal and interest sufficient to retire the debt by maturity. **AUDITORS' REPORT.** In the context of a financial audit, a statement by the auditor describing the scope of the audit and the auditing standards applied in the examination, and setting forth the auditor's opinion on the fairness of presentation of the financial information in conformity with GAAP or some other comprehensive basis of accounting.

COMPREHENSIVE ANNUAL FINANCIAL REPORT (CAFR). The official annual report of a government. It includes (a) the five combined financial statements in the combined statements - overview and their related notes (the "liftable" GPFS) and (b) combining statements by fund type and individual fund and account group financial statements prepared in conformity with GAAP and organized into a financial reporting pyramid. It also includes supporting schedules necessary to demonstrate compliance with finance-related legal and contractual provisions, required supplementary information, extensive introductory material and a detailed statistical section. Every government reporting entity should prepare a CAFR.

ENTRY AGE ACTUARIAL COST METHOD A method under which the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis over the earnings or service of the individual between entry age and assumed exit age(s). The portion of this actuarial present value allocated to a valuation year is called the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is called the actuarial accrued liability.

NORMAL COST The ongoing annual cost allocated to the system by a particular actuarial cost method for providing benefits (future cost). Normal cost payments are made during the working lifetime of the member.

PENSION BENEFIT OBLIGATION (PBO) The standardized measure of funding status and progress required by the GASB to be disclosed in the notes to the financial statements. It is the actuarial present value of credited projected benefits, prorated on service and discounted at a rate equal to the expected return on present and future plan assets.

PENSION CONTRIBUTION The amount paid into a pension plan by an employer (or employee), pursuant to the terms of the plan, state law, actuarial calculations or some other basis for determinations.

PENSION TRUST FUND. A trust fund used to account for a PERS. Pension trust funds, like nonexpendable trust funds, use the accrual basis of accounting and have a capital maintenance focus.

UNFUNDED ACTUARIAL ACCRUED LIABILITY The excess of the actuarial accrued liability over the actuarial value of assets.